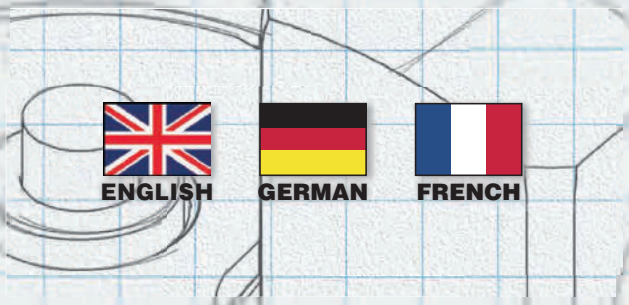
Koken®



Koken TOOL CO., LTD.

2016

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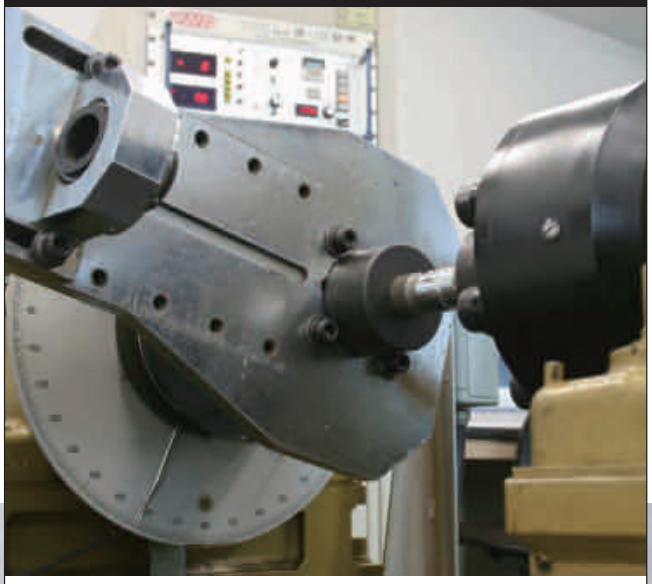
■ TEST AND LABORATORY
■ TESTLABOR
■ TEST AU LABORATOIRE



Ko-ken uses a variety of test equipment.
Strength is measured by the Static Load Test Machine that can measure torque load up to 5,000Nm. Durability is measured by the Cyclic Test Machine and corrosion resistance testing is done by the Salt Spray Test Machine. The test results are used to improve our standard products and assist with new product design and development.

Wir verfügen über die verschiedensten Testgeräte:
-Die Festigkeitseigenschaften der Werkzeuge werden mit einer statischen Drehmoment-Testmaschine, die Prüfdrehmomente bis 5.000Nm erzeugen kann, überprüft.
-Die Dauerbelastbarkeit wird mit einer Testmachine durchgeführt mit der die Werkzeuge zyklisch in langen Testreihen belastet werden.
- Der Korrosionsschutz wird regelmäßig mittels Salzsprühnebelprüfung kontrolliert.
Die gewonnenen Testergebnisse ermöglichen eine stetige Verbesserung der Standardwerkzeuge und helfen bei der Entwicklung neuer Produkte.

Ko-ken utilise plusieurs types de tests.
La résistance est mesurée par une installation de test à charge statique d'une capacité de 5.000 Nm. La durée de vie est déterminée par une machine à cycles et la résistance à la corrosion par une installation à projection de sel.
Les résultats de ces tests sont destinés à améliorer nos produits standards et à assister au développement de nouveaux produits.

■ DESIGN AND DEVELOPMENT
■ ENTWICKLUNG UND DESIGN
■ DESIGN ET DEVELOPPEMENT

The 3D-CAD is used to improve standard products, designing new products and making customized items for special requirements. Trial products are regularly developed, manufactured and tested to improve the durability, appearance and functionality of all tools produced by Ko-ken.

3D-CAD Programme helfen uns sowohl, bei der Weiterentwicklung unserer Standardwerkzeuge, als auch beim Designen neuer Produkte und beim Entwerfen von Sonderanfertigungen.
Um die Zuverlässigkeit und Funktionalität unserer Werkzeuge zur verbessern, werden ständig Versuchswerkzeuge gefertigt.

La technique CAD-3D est utilisée pour l'amélioration des produits standards, le design des nouveaux produits et la réalisation d'outils spéciaux.
Des séries d'essai sont régulièrement développées, fabriquées et testées pour améliorer l'apparence et la fonctionnalité de tous les produits Ko-ken.

■ FORGING
■ SCHMIEDEN
■ FORGEAGE

The Forming machines are used for the forging process. These machines can produce mass quantities of sockets and parts with high accuracy that ordinary drop forging machines can not achieve. However, ordinary forging machines are also used for small production runs.

Zum Schmieden verwenden wir eigene Umformmaschinen.

Diese Maschinen werden zur Produktion großer Stückzahlen von Steckschlüsseln und Betätigungswerkzeugen verwendet mit einer Genauigkeit, die mit normalen Gesenkschmiede Maschinen nicht gewährleistet werden kann.

Bei kleineren Fertigungsserien werden zur Fertigung auch kleinere Gesenkschmiedemaschinen verwendet.

Des machines de formage à froid sont utilisées. Ces machines peuvent produire en masse les douilles et accessoires avec une précision supérieure à la forge conventionnelle. Toutefois, pour des petites séries, des machines à forger traditionnelles sont également utilisées.

■ TURNING
■ DREHEN
■ TOURNASAGE

The forged steel is turned into required shapes and dimensions. The MC (Machining Center) operates with extraordinary speed and precision. The article number, size, logo, production number, and MADE IN JAPAN are marked on the products after the turning process has been completed.

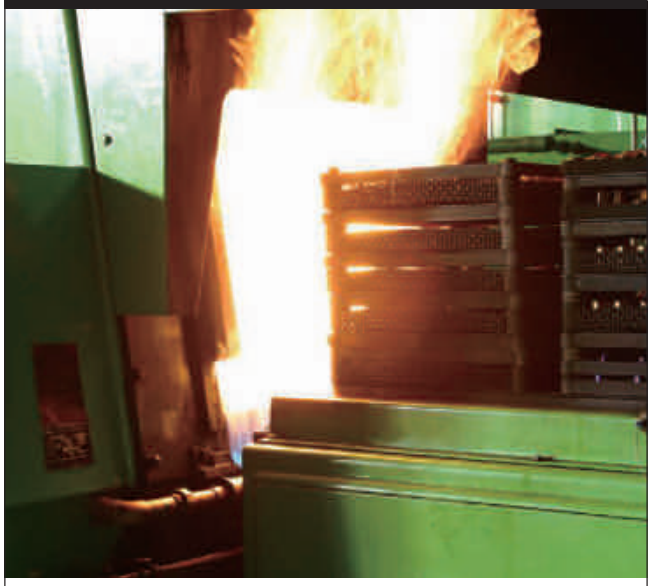
Der geschmiedete Stahl wird nun auf die endgültige Form abgedreht.

Unser Maschinenzentrum arbeitet hier mit außergewöhnlicher Geschwindigkeit und Präzision.

Nach dem Drehvorgang wird das Werkzeug mit Artikelnummer, Abmessung, Logo, Produktionsnummer und MADE IN JAPAN markiert.

Après la forge, les pièces sont usinées à la bonne dimension par tournage. Les centres d'usinage travaillent avec une précision et une vitesse extraordinaire.
Le numéro d'article, la dimension, le logo Ko-ken, un numéro de production ainsi que la mention « Made in Japan » sont gravés sur le produit après tournage.

■ HEAT TREATMENT
■ HÄRTEN
■ DURETE



To make the tools stronger and more durable, proper heat treatment is critically important. The temperature and the time of the heat treatment are strictly regulated by a very accurate control device.

Um die optimale Stabilität und Festigkeit der Werkzeuge zu erreichen ist der Härtungsprozess der Werkzeuge von höchster Wichtigkeit.
Die hohe Genauigkeit von Temperatur- und Dauer der Wärmebehandlung werden durch sehr genaue Regeleinrichtungen in den Härteöfen erreicht.

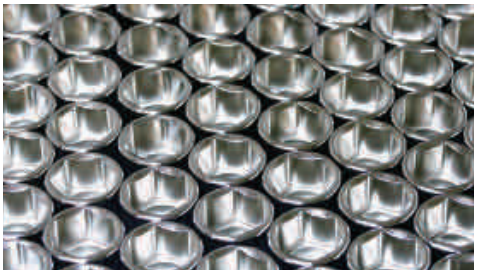
Pour la résistance et la dureté de l'outil, un traitement thermique adapté est indispensable. Les températures et la dureté de traitement sont très précisément contrôlées.

■ INSPECTION
■ MESSEN UND PRÜFEN
■ CONTRÔLE

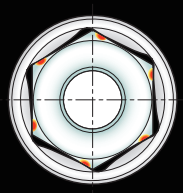
Our products are periodically checked at each production process by inspection devices. Highly accurate 3-D measuring instruments are used to inspect and confirm dimensions.

Unsere Produkte werden periodisch nach jedem Produktionsprozess überprüft.
Hierzu verwenden wir sehr genaue 3D Messgeräte.

Nos produits sont contrôlés périodiquement à chaque étape de leur fabrication.
Des instruments de mesure en 3D, très précis sont employés pour la vérification des dimensions.



FLAT DRIVE®



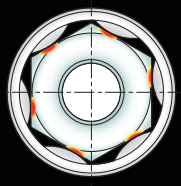
Flat Drive is designed to guarantee a flat surface contact between the socket and the bolt/nut.
The Flat contact reduces wear and allows to transmit a higher torque value.
The Flat Drive System is also used for the square drive end as well as the hexagonal or bi-hexagonal openings of the socket.

Das Flat Drive Design sorgt für die optimale Kraftübertragung zwischen den Flächen des Steckschlüssels und der Schraube. Dies erlaubt eine Übertragung von höheren Drehmomenten. Das Flat Drive System findet ebenfalls bei allen Antriebsvierkanten sowie bei 6-kant und 12-kant Profilen Verwendung.

Le profil Flat Drive garantit un contact optimal entre la douille et l'écrou. Ce contact « à plat » réduit l'usure et permet la transmission d'un couple plus élevé. Ce système Flat Drive est utilisé pour tous les carrés conducteurs ainsi que pour toutes nos douilles 6-pans et 12-pans.

SOCKETS
STECKSCHLÜSSEL
DOUILLES

SURFACE DRIVE



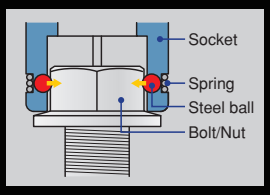
Surface drive sockets are designed to retain contact with the flat sides of the nut in order to transmit higher torque and reduce nut wear.
These sockets are ideal for using on polished nuts, aluminum nuts and nuts with worn out points.

Das Profil unserer Surface-Drive Steckschlüssel greift die Schraube an deren Flächen.
Dies sichert eine höhere Kraftübertragung und verhindert ein Durchrutschen des Steckschlüssels. Diese Steckschlüssel eignen sich besonders für polierte Schrauben, Aluminium Schrauben und Schrauben bei denen die Ecken bereits abgerundet sind.

Notre profil Surface Drive assure le contact entre la douille et les plats de l'écrou. Ceci réduit l'usure et permet la transmission d'un couple plus élevé. C'est une solution idéale pour les écrous polies, celles en aluminium ou arrondies.

NUT GRIP®

Twin balls at the 6-point opening hold bolt/nut tightly for safe and reliable work.



Die zwei Kugeln in der 6-kant Öffnung unserer NUT GRIP Steckschlüssel halten die Schraube sicher im Steckschlüssel. Dies erlaubt ein Arbeiten auch an schwer zugänglichen Stellen.

Les 2 billes dans l'ouverture du 6-pans de la douille retiennent l'écrou de manière sûre et efficace.

PATHFINDER®

The beveled flats of the 6-point opening of the PATHFINDER socket engage the nut almost immediately. PATHFINDER sockets are ideal for using with power tools in automatic assembly processes, as the power tool does not have to be totally stopped for the socket to engage the nut.

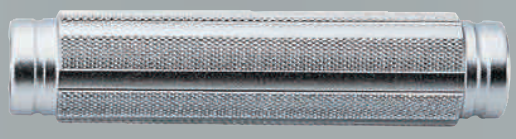
Da die Maschine nicht nach jedem Schraubvorgang angehalten werden muss, ergibt sich eine erhöhte Produktivität, die sich bei vollautomatischen Maschinen (Mehrspindelschrauber) ganz besonders auswirkt.

Les parois en biais du 6-pans des douilles PATHFINDER assurent l'engagement quasi immédiat de l'écrou. Le fait de ne pas devoir arrêter la machine après chaque serrage procure un gain de productivité particularité appréciable dans les chaînes de montage automatiques.

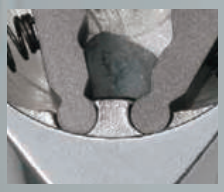
RATCHET HANDLE
KNARRENGRIFFE
MANCHE À CLIQUET

J-Type
Rubber Grip
Gummigriff
Manche en matière plastique

P-Type
Plain Grip
Glatter Griff
Manche lisse



N-Type
Knurled Grip
Gerändelter Griff
Manche moletée



S.O.D.H-System®

Two dogs are located in the ratchet body so that the dogs and springs are held securely in place, allowing the reversing lever and dog to switch smoothly.
The torque load on the gear is transmitted vertically to the dog, and in turn, down the ratchet handle. This mechanism locks gears tightly in place while torque is being applied, thus avoiding any gear slippage.

Die zwei Sperrklinken sind fest im Knarrenkörper verankert, die Federn sind dadurch fest fixiert.
Die Umschaltung der Knarre erfolgt leicht und sicher.
Die Kraft des Knarrenzahnrads wird vertikal auf die Sperrklinken übertragen, dadurch wird das Überspringen des Knarrenmechanismus sicher vermieden.

Les 2 rochets sont insérés dans le corps du cliquet. De ce fait les ressorts sont également fermement fixés. L'inversion se produit sans à-coups. Ce mécanisme assure aussi une transmission du couple sans risque de ripage.

Two-Step Dog

Two flats hold two teeth of the ratchet gear, thus increasing the maximum torque load of the ratchet compared with a single-step system.

Die Kraft wird über zwei Zähne des Knarrenzahnrades übertragen. Dies erlaubt eine höhere Kraftübertragung gegenüber Knarren mit einem Zahn Mechanismus.

La force est transmise par les deux dents du mécanisme. Ceci permet un couple plus élevé par rapport aux systèmes à une seule dent .

Three-Step Dog

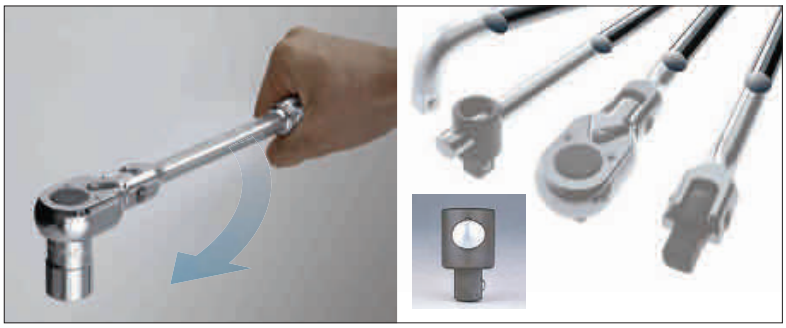
Two dogs are set in the same axis, and the three teeth hold the ratchet gear.
The enlarged contact area produces an about 10% higher torque value and the S.O.D.H-System provides smooth and light movements.

Die scharnierartig eingelagerten Sperrklinken haben jetzt jeweils drei Zähne im Eingriff. Die dadurch vergrößerte Greiffläche erhöht das maximale Drehmoment um ca. 10%. Auch diese Knarre besticht durch ihren leichten und geschmeidigen Lauf.

Les deux rochets étant placés sur le même axe, les trois dents de l'engrenage sont engagées en permanence. Ce système assure une augmentation de 10% du couple maximum admissible. Ce cliquet se caractérise également par son fonctionnement souple et sans à-coup.

SHAPE OF HANDLE
FORMGEBUNG DER GRIFFE
MODELE DE POIGNEE

OVAL SHAPE SHANK

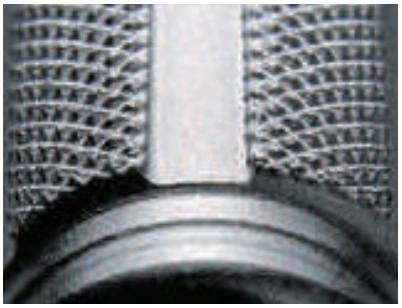


Unique designed oval shape shank provides extra strength and durability.

Der einzigartige ovale Schaftquerschnitt in Belastungsrichtung erhöht die Stabilität und Widerstandsfähigkeit.

La section ovale, orientée dans le sens de l'effort, confère à cet outil une résistance et une durée de vie incomparable.

KNURLING



Rotation and general handling of extensions with oily hands is greatly improved with the Koken developed 6 point knurling. Also the Koken 6 point knurling stops the extensions from rolling around the work area.

Durch die von Koken entwickelte 6 fache Rändelung wird die Handhabung deutlich erleichtert. Außerdem wird das Herumrollen der Verlängerungen wirksam verhindert.

La manipulation des rallonges est grandement facilitée par le profil moleté développé par Koken. Ce même profile empêche le roulement intempestif des rallonges sur le plan de travail.

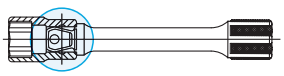
WOBBLE-FIX

TWO WAY USAGE
a) In a fixed position, as a normal extension bar
b) In a half-fixed position, as a flexible extension bar providing a 15° angle operation.

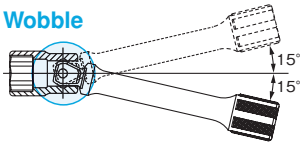
Winkelverlängerungen lassen sich in zwei Einstellungen verwenden
a) voll eingesteckt und starr
b) halb eingesteckt, mit einem Arbeitswinkel von 15°.

Deux utilisations possibles
a) comme rallonge normale, dans une position fixe
b) comme une rallonge angulaire avec une possibilité d'inclinaison jusqu'à 15°

Fix



Wobble



STUD BOLT PULLER / SETTER
STEHBOLZENAUSDREHER UND STEHBOLZENSETZER
EXTRACTEURS DE GOUJONS

STUD BOLT PULLER
STEHBOLZENAUSDREHER
DEGOUJONNEUSES

Hexagon body design can lessen the excessive load on cages and rollers inside the pullers.

Der neue Körper mit sechs Walzenmulden verteilt den Druck auf den Käfig und die Walzen weitaus vorteilhafter.

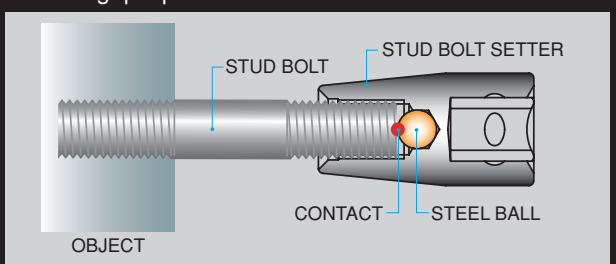
La forme hexagonale du corps améliore les tolérances.
Elle répartit l'effort de façon plus uniforme sur la cage et les rouleaux.

STUD BOLT SETTER
STEHBOLZENSETZER
MONTE-GOUJONS

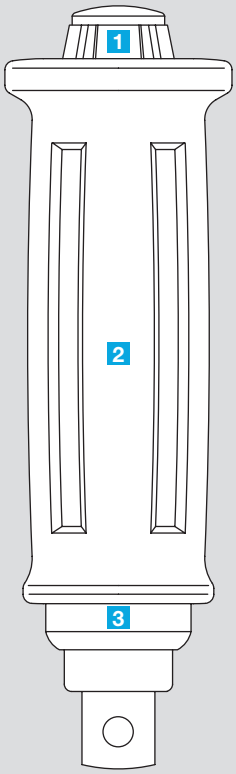
A special socket for installing a stud bolt.
Inside steel ball prevent the stud bolt stuck onto the socket. After installing a stud bolt, turn to anti-clockwise to removing the socket.

Spezialwerkzeug zum Setzen von Stehbolzen. Der Bolzen trifft im Werkzeug nur auf den Stahlbolzen, was die Kontaktfläche verringert. Nach dem Setzen des Stehbolzens kann das Werkzeug im Linkslauf vom Stehbolzen abgezogen werden.

Douilles spéciales pour monter les goujons.
Le goujon est en contact avec une bille d'acier pour l'empêcher d'adhérer à la douille.
Après avoir posé le goujon, tourner dans le sens antihorlogique pour le retirer



ATTACK DRIVER®



1 Black Finish - Schwarze Schlagplatte - Tête de frappe noire

Black finished head prevents peeling off the chrome plate by striking the head.
Der Schlagkopf wurde geschwärzt, um das Abblättern von Chrompartikeln zu verhindern.
La finition noire de la tête évite l' écaillage du chrome lors de la frappe.

2 Original Body Shape - Einzigartige Formgebung - Forme unique du corps

Original design of the body achieved higher grip. And, total length became 20mm longer than previous model to improve the handling.
Die Gestaltung des Handschlagschrauberkörpers erhöht Führung und Griffigkeit des Werkzeuges.
Le dessin original du corps permet une meilleure prise en main de l' outil.

1 3 Heat Treatment - Wärmbehandlung - Traitement thermique

Special heat treatment is applied on the body. Hardness of striking part is slightly softer to prevent cracks.
On the other hand, Cam part converts the striking power to twisted by striking with hammer, therefore, this part is finished with higher hardness to improve anti-wear.

Besondere Aufmerksamkeit wurde der Warmbehandlung des Körpers gewidmet, indem die Härte des Schlagendes leicht verringert wurde, um ein Reissen durch Hammerschläge zu vermeiden. Dagegen wurde die Härte und somit die Belastbarkeit in dem Teil des Körpers erhöht, wo der Schlag in Drehkraft umgesetzt wird.

Un traitement thermique spécifique est appliqué sur le corps de l' outil. La dureté des parties de frappe est légèrement inférieure pour diminuer le risque de casse. D' un autre côté, le mécanisme qui transforme la force de frappe en rotation est plus dure pour augmenter la résistance à l' usure.

3 Spring - Feder - Ressort

Stronger spring is adapted to convert the striking power efficiently to twisting power.
Eine extrem widerstandsfähige Feder sorgt für die unmittelbare Übertragung der Schlagkraft und ihre Umsetzung in wirksame Drehkraft.
Un ressort très résistant est monté sur l' outil pour convertir la force de frappe en force de torsion très efficace.

FREE-TURN GRIP

SPINNING CROSS WRENCH
DREHBARER KREUZSCHLÜSSEL
CLE EN CROIX RAPIDE

The shaft of cross wrench turns freely within the knurled grip. The cross bar is removable for easy storage in a compact space.

Der Schaft des Kreuzschlüssels dreht sich frei in dem kordierten Griff. Die Querstange kann entnommen werden, das erlaubt eine platzsparende Aufbewahrung (z.B. im Fahrzeug)

La tige de la clé tourne librement dans sa poignée gaufrée.
La barre transversale est démontable pour le rangement aisé de l'outil.

FLEXIBLE SPEEDER
GELENKGRIFF-WINDE
VILEBREQUIN RAPIDE

Free-turn grip allows speedy removal or replacement of wheel nuts. It can also be used as a hinge handle to tighten or loosen the nuts.

Der frei laufende Griff ermöglicht eine schnelle Radmontage. Das Werkzeug kann zusätzlich als Gelenkgriff verwendet werden.

La poignée à rotation libre permet l'enlèvement et la pose rapide des écrous de roue.
Elle peut également être utilisée comme poignée articulée.

SPINNING SLIDE T-HANDLE
FREILAUF T-GRIFF
POIGNEE EN T RAPIDE

The knurled grip is attached in the middle of shaft for free turning. Oval shaped cross bar prevents the bar from turning inside the shaft during use.

Der kordierte Freilauf-Griff befindet sich in der Mitte des Schaftes. Der Quergriff mit ovalem Querschnitt verhindert das Verrutschen.

La poignée gaufrée est fixée au milieu de la tige et est à rotation libre.
La barre transversale est de forme ovale pour l'empêcher de tourner pendant l'utilisation.

IMPACT WHEEL NUT SOCKET
IMPACT RADMUTTERN STECKSCHLÜSSEL
DOUILLES POUR ÉCROUS DE ROUE, IMPACT

PLASTIC PROTECTOR
KUNSTSTOFF HÜLSE
PROTECTION EN PLASTIQUE

A detachable plastic protector is fitted to the socket to prevent damage to the wheel when working in tight areas.
The socket size and Ko-ken Mark printed on the shaft makes it easier to see if the socket is still rotating or stopped.

Zum Schutz empfindlicher Leichtmetallfelgen ist eine drehbare und abnehmbare Kunststoff Hülse an dem Steckschlüssel montiert. Die aufgedruckten Markierungen am Werkzeugschaft zeigen außerdem ob das Werkzeug steht oder rotiert.

La douille est pourvue d'un insert en plastique détachable. Il sert à prévenir tout dommage aux jantes lors de l'utilisation des douilles.
Le marquage sur la tige rend l'identification des douilles très facile.

EXTRA THIN-WALLED
EXTRA DÜNNWANDIG
PAROIS EXTRA MINCES

Thin-walled shape and 110mm length gives extra reach for nuts recessed deep inside the wheel.
They are ideal for aluminum wheel nuts where access to nut is very tight. Color coded shafts make size identification easy.

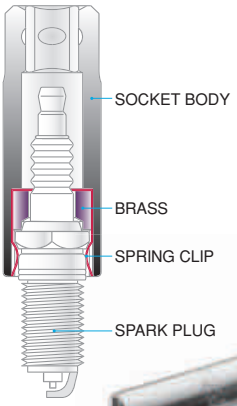
SPARK PLUG SOCKET
ZÜNDKERZEN STECKSCHLÜSSEL
DOUILLES AVEC RESSORTS RETENUE POUR BOUGIES

CLIP TYPE

This revolutionary new spark plug socket is designed to securely grip a spark plug at its hexagonal part by two stainless spring clips.
An internal brass guide holds the clips in place, which ensures perfect alignment of the spark plug into the threaded plughole of the cylinder head, thus preventing thread damage.
The brass guide also eliminates stress loading and possible damage to the ceramic insulator of the spark plug.

Zwei solide Federn aus rostfreiem Stahl fassen den Sechskant der Zündkerze und drücken ihn an den Anschlag der Messing-Führungsbuchse. Jetzt sitzt die Kerze genau senkrecht zur Achse des Steckschlüssels. Das Einschrauben kann ohne Beschädigung der Gewindegänge im Motorblock und ohne Druck auf den Isolator der Kerze erfolgen.

Deux puissants ressorts en acier inoxydables maintiennent la bougie sur sa partie hexagonale tout en l'appliquant contre la douille de guidage en laiton. L'alignement parfait de la bougie dans l'axe de l'outil permet à l'opérateur de poser celle-ci avec beaucoup de précision en réduisant au maximum les risques d'endommagement au filetage du bloc ainsi qu'à la partie en céramique de la bougie.



License / Lizenzen / Licence

TORX® / TORX plus® & LHSTIX®

TORX® / TORX plus® and LHSTIX® are recognized as three of the most efficient fastening systems because of their ability to transfer greater torque, reduce end load and virtually eliminate tool slippage.

Durch die Fähigkeit größere Drehmomente zu übertragen sind TORX® / TORX plus® und LHSTIX® bekannt als die drei effizientesten Befestigungssysteme.

TORX® / TORX plus® et LHSTIX® sont reconnus comme étant trois systèmes de vissage particulièrement efficaces. Ils permettent en effet de transmettre des couples particulièrement élevés.

TORX® & TORX plus®

TORX®

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TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

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LHSTIX®

LHSTIX®

Line Head Straight
LH-S series

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Registered Trademarks / Eingetragene Warenzeichen / Marque déposée

Koken®

工研®

CO-KEN®

Koken TOOLS®

Koken TOOL CO., LTD.®

HIGH PERFORMANCE TOOLS OF CONVINCING QUALITY

山下工業研究所®
山下工研®
S.O.D.H-System®
Flatdrive®
ATTACK DRIVER®
HANDY-ENDY®
PATHFINDER®
Nut Grip®
LOCK NUT BUSTER®
NUT TWISTER®
BOLT TWISTER®

Ko-ken Factory / Das Ko-ken Werk / L'usine Ko-ken

Warranty / Garantie / Garantie

WARRANTY

The trade mark **Koken** is your unqualified warranty against any defect in material or workmanship. Each **Koken** tool is built to more than meet the requirements of its intended use and is carefully checked before leaving the factory. Any **Koken** tool which fails because of defective material or workmanship will be repaired or replaced through your **Koken** dealer, to the exclusion of any further liability.

GARANTIE

Koken TOOL CO.,LTD. Shizuoka, Japan, garantiert Ihnen die einwandfreie Qualität und Ausführung ihrer Produkte. Jedes Werkzeug der Marke **Koken** ist für Höchstleistungen konstruiert und wird vor Verlassen der Fabrik sorgfältig geprüft. **Koken** TOOL CO.,LTD. repariert oder ersetzt über ihre Händler unter Ausschluss jeglicher weitergehenden Haftung jedes fehlerhafte **Koken** Produkt kostenlos.

GARANTIE

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ISO9001

ISO 9001
Management System Certificate
JQA-1028
KO-KEN TOOL CO.,LTD.
ISO 9001 :2008 / JIS Q 9001 :2008
JAPAN QUALITY ASSURANCE ORGANIZATION
TOKYO, JAPAN
JQA

ISO 9001
Appendix
JQA-1028
KO-KEN TOOL CO.,LTD.
JQA

SAFETY ADVISER

SICHERHEITS-RATGEBER

MESURES DE SÉCURITÉ

General / Allegemeines / Généralités

(a) Make sure you use the right type socket, whose opening fit the nut.

Verwenden Sie immer den richtigen Steckschlüssel und überzeugen Sie sich davon, ob er auch auf die Mutter passt.

Utilisez toujours la bonne clé et assurez-vous qu'elle est rigoureusement adaptée à l'écrou.

(b) For use on electric or air IMPACT Wrenches select IMPACT Sockets only.

Auf elektrischen oder pneumatischen Schlagschraubern dürfen nur hoch belastbare IMPACT-Steckschlüssel und Zubehörteile gesteckt werden.

Sur des vis à fixer par machines à chocs pneumatiques ou électriques n'utilisez que des clés à douille IMPACT et des accessoires IMPACT capables de résister à une haute sollicitation.

(c) When using nut runners or IMPACT Wrenches wear safety goggles.

Tragen Sie bei der Anwendung von Schraubern stets eine Schutzbrille.

En opérant avec des visseuses et des machines à chocs, portez toujours des lunettes de protection.

(d) Plastic or rubber handles are not intended to act as insulation.

Plastik-oder Gummigriffe stellen keinen Isolierschutz dar.

Les poignées en plastique ou en caoutchouc ne garantissent aucune isolation électrique.

(e) Never substitute a HAND Socket for a INDUSTRIAL Socket or an IMPACT Socket, or a INDUSTRIAL Socket for an IMPACT Socket.

Nehmen Sie deshalb niemals anstelle eines INDUSTRIAL-oder IMPACT-Werkzeuges ein HAND-Werkzeug oder anstatt eines IMPACT-Werkzeuges ein INDUSTRIAL-Werkzeug.

Ne vous servez donc jamais d'un outil à main au lieu d'un outil INDUSTRIAL ou IMPACT ou d'un outil INDUSTRIAL au lieu d'un outil IMPACT.

(f) Items in this catalogue marked ⚠ can be loaded to torque values which may cause breakage. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch, und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Céci pour éviter ruptures et accidents.

(g) Make sure to lock the impact sockets on driving tools with Pin / O-Ring or C-Ring.

Verwenden Sie Impact Steckschlüssel nie ohne Sicherungsring und Stift oder alternativ mittels unserer C-Ringe.

Ne jamais utiliser de douille à choc sans sécurité. (Anneau et goupille ou crochet en C)

Sockets / Steckschlüssel / Douilles

Sockets showing cracked walls, battered points or other marks of wear are to be replaced.

Steckschlüssel mit Haarrissen, abgestossenen Kanten oder mit anderen Verbrauchserscheinungen sind umgehend zu ersetzen.

Les clés qui présentent des fissures capillaires, ou autres signes d'usure doivent être immédiatement changées.

Ratchets/Handles / Knarren/Griffe / Cliquets/Poignées

A ratchet is not a hammer.

Eine Knarre ist kein Hammer.

Un cliquet n'est pas un marteau.

Never use loose pipes or other improvised attachments on handles for increased leverage.

Setzen Sie niemals lose Rohre oder andere Hilfsstücke auf Steckschlüsselgriffe, um dadurch eine höhere Drehkraft zu erzeugen.

Ne mettez jamais de tubes ou autres pièces auxiliaires sur les poignées des clés à douille dans le but d'obtenir un couple de serrage plus éleve.

Extension Bars / Verlängerungen / Rallonges

The combination of several short extensions instead of one correct sized one is to be avoided.

Das Zusammenstecken von mehreren kurzen Verlängerungen als Ersatz für eine in der richtigen Länge ist unbedingt zu vermeiden.

Il faut absolument éviter d'utiliser plusieurs rallonges courtes au lieu d'une seule ayant la bonne longueur.

Adaptors / Verbindungsstücke / Réducteurs

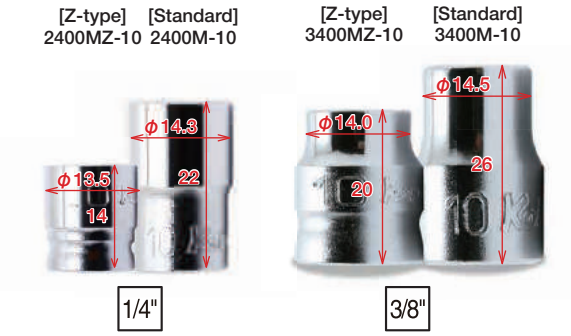
Adaptors are to be used reasonably. Be reminded that high torque potentials are reached when using a "down" adaptor, a bigger sized handle to a smaller drive socket. Always stay within safe limits.

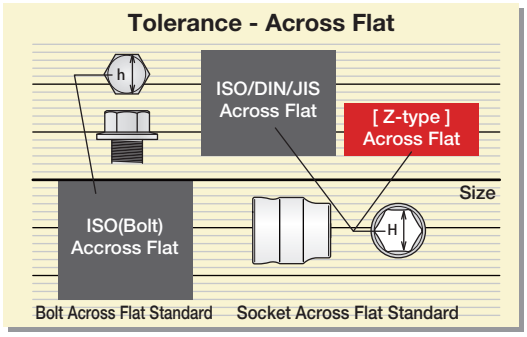
Reduzierstücke sind mit Vernunft einzusetzen. Beachten Sie, dass bei der Verwendung von Reduzierstücken hohe Drehmomentwerte ausgelöst werden nämlich dadurch, dass grössere Griffe auf kleinere Steckschlüssel gesetzt werden. Bleiben Sie jeweils innerhalb der Sicherheitsgrenzen.

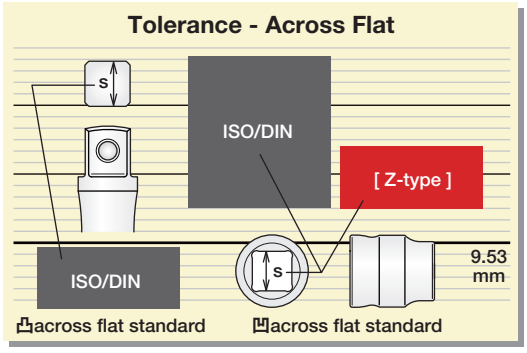
Les réducteurs doivent être utilisés avec modération. Il est à considérer qu'avec les réducteurs on obtient un couple de serrage élevé du fait que des poignées plus grandes sont appliquées sur des clés à douille plus petites. Ne dépassez pas les limites de sécurité.

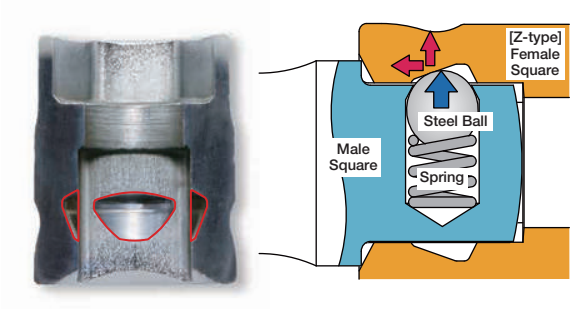
Z-SERIES
Z-SERIE
SERIES-Z

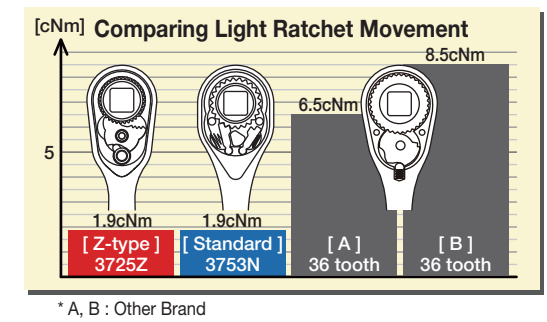
Z-Series : Feature











* A, B : Other Brand

COMPACT

2400MZ and 3400MZ are designed 5-9mm shorter than standard 2400M and 3400M which is ideal for working in confined and tight areas.

2400MZ und 3400MZ sind gegenüber unseren Standardausführungen 2400M und 3400M um 5-9mm kürzer. Dies erlaubt ein Arbeiten an schwer zugänglichen Stellen.

Les douilles 2400MZ et 3400MZ étant plus courtes de 5-9mm par rapport aux douilles standards, elles ont l'avantage de faciliter le travail dans des endroits étroits et difficilement accessibles.

TOLERANCE-Hexagon Opening

The Hexagon openings of our Z-Sockets are produced with reduced tolerances (according to DIN/ISO) which achieve a more positive fit between bolt and socket.

Die Steckschlüsselöffnungen der Z-Serie werden mit geringeren Toleranzen (nach DIN/ISO) gefertigt um eine bessere, direktere Verbindung zwischen Schraube und Werkzeug zu gewährleisten.

Les douilles Ko-ken de la série Z sont fabriquées selon DIN/ISO comme toutes les douilles standards. Sauf que pour la série Z les tolérances sont plus restreintes afin d'atteindre un meilleur ajustement entre douille et vis.

TOLERANCE-Square Drive

To ensure a tighter fit between socket and handle, the male and female square drives are produced with shorter tolerances (according DIN/ISO).

Auch die Antriebsvierkante sind mit einer geringeren Toleranz (nach DIN/ISO) gefertigt um eine festere Verbindung zwischen Betätigungswerkzeug und Steckschlüssel zu ermöglichen.

Aussi les carrés mâles et femelles sont fabriqués avec des tolérances plus restreintes (selon DIN/ISO) afin de garantir une meilleure fixation entre cliquet et douille.

BALL HOLDING GROOVE

The inventive Ball Holding system of the Z-series allows a secure connection between Socket and Handle.

Die Werkzeuge der Z-Serie verfügen über spezielle Kugelfangrillen, die eine noch sicherere Verbindung zwischen Betätigungswerkzeug und Steckschlüssel gewährleisten.

La série Z dispose d'une rainure de fixation pour bille spéciale, qui améliore nettement la fixation entre douille et cliquet.

RATCHET HANDLE

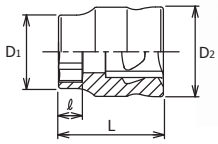
Smaller head with 36 tooth gear and light ratchet movement allow working in narrow spaces and confined areas.

Der schmalere Knarrenkopf, mit leicht gängigem 36-Zahn Getriebe erlaubt ein Arbeiten an engen schwer zugänglichen Stellen.

La tête de cliquet réduit et un méchanisme à 36 dents plus léger facilite le travail dans des endroits difficilement accessibles.

2400MZ

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



2400MZ (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
4	6.4	11	3	14	6	10
4.5	7	11	3	14	6	10
5	7.6	11	3	14	6	10
5.5	8.2	11	3.5	14	6	10
6	8.8	11	3.5	14	6	10
7	9.9	11	3.5	14	6	10
8	11.1	11.7	4.5	15	7	10
10	13.5	12.5	7	15	8	10
11	14.7	13.2	7	15	9	10
12	15.9	14.4	7	15	11	10
13	17.1	15.6	7	15	14	10
14	18.3	16.8	7	15	16	10

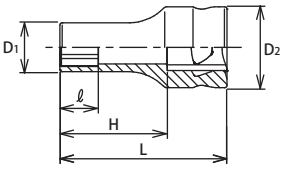
RS2400MZ/12

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail à aimant

RS2400MZ/12	12 Pieces Set/Rail 200mm	(g)
	4, 4.5, 5, 5.5, 6, 7, 8, 10, 11, 12, 13, 14	228

2300XZ

6-point Sockets, Semi-Deep
6-kant Steckschlüssel, mittel-lang
Douilles, semi-profondes 6-pans



	2300XZ (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**5.5**	8.2	11	6	20	30	10	10
New	**6**	8.8	11	7	20	30	10	10
New	**7**	9.9	11	8	20	30	11	10
New	**8**	11.1	11.7	9	20	30	13	10
New	**10**	13.5	12.5	11	20	30	16	10
New	**11**	14.7	13.2	12	20	30	19	10
New	**12**	15.9	14.4	13	20	30	22	10
New	**13**	17.1	15.6	14	20	30	26	10
New	**14**	18.3	16.8	14	20	30	30	10

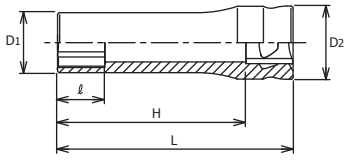
RS2300XZ/9

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail à aimant

RS2300XZ/9	9 Pieces Set/Rail 200mm	(g)
New	**5.5, 6, 7, 8, 10, 11, 12, 13, 14**	290

2300MZ

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



2300MZ (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
4	6.4	11	5	41	50	14	10
4.5	7	11	5.5	41	50	16	10
5	7.6	11	6	41	50	16	10
5.5	8.2	11	6.5	41	50	16	10
6	8.8	11	7	41	50	17	10
7	9.9	11	8	41	50	20	10
8	11.1	11.7	9	41	50	22	10
10	13.5	12.5	11	41	50	29	10
11	14.7	13.2	12	41	50	33	10
12	15.9	14.4	13	41	50	40	10
13	17.1	15.6	14	41	50	45	10
14	18.3	16.8	16	41	50	51	10

RS2300MZ/12

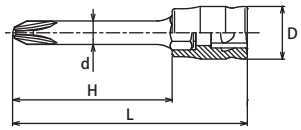
Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail à aimant

RS2300MZ/12	12 Pieces Set/Rail 200mm	(g)
	4, 4.5, 5, 5.5, 6, 7, 8, 10, 11, 12, 13, 14	445

1/4”

2000Z-28/-50

Phillips Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben Phillips
Douilles tournevis pour vis à empreinte Phillips

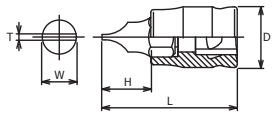


2000Z-28 (PH)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
1	11.2	12	28	9	10
2	11.2	12	28	10	10
3	11.2	12	28	10	10

	2000Z-50 (PH)	D (mm)	d (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	1	11.2	4	34	50	11	10
New	2	11.2	5	34	50	13	10
New	3	11.2	–	34	50	16	10

2005Z-25

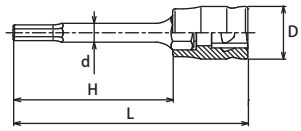
Bit Sockets for Slotted Head
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente



2005Z-25	T × W (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
5	1.0 × 5.5	11.2	9	25	9	10
6	1.2 × 6.5	11.2	9	25	10	10

2010MZ-25/-50

Inhex Bit Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



2010MZ-25 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	11.2	9	25	9	10
4	11.2	9	25	9	10
5	11.2	9	25	10	10
6	11.2	9	25	10	10

	2010MZ-50 (mm)	D (mm)	d (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	3	11.2	4	34	50	11	10
New	4	11.2	5	34	50	13	10
New	5	11.2	6	34	50	15	10
New	6	11.2	–	34	50	17	10

RS20XXZ/9

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail à aimant

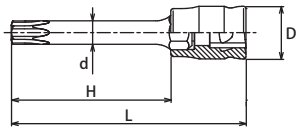
RS20XXZ/9	9 Pieces Set/Rail 200mm	(g)
2000Z.28	1, 2, 3	213
2005Z.25	5, 6	
2010MZ.25	3, 4, 5, 6	

2025Z-28/-50

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®

2025Z-28 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T10	11.2	12	28	9	10
T15	11.2	12	28	9	10
T20	11.2	12	28	9	10
T25	11.2	12	28	10	10
T27	11.2	12	28	10	10
T30	11.2	12	28	10	10
T40	11.2	12	28	11	10

	2025Z-50 (T)	D (mm)	d (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**T10**	11.2	4	34	50	11	10
New	**T15**	11.2	4	34	50	11	10
New	**T20**	11.2	4.5	34	50	12	10
New	**T25**	11.2	5	34	50	13	10
New	**T27**	11.2	5	34	50	13	10
New	**T30**	11.2	5.6	34	50	15	10
New	**T40**	11.2	–	34	50	17	10



RS2025Z/7-L28
RS2025Z/7-L50

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail à aimant

RS2025Z/7-L28	7 Pieces Set/Rail 200mm	(g)
T10, T15, T20, T25, T27, T30, T40		195

RS2025Z/7-L50	7 Pieces Set/Rail 200mm	(g)
New **T10, T15, T20, T25, T27, T30, T40**		220

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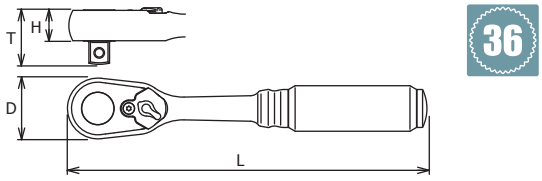
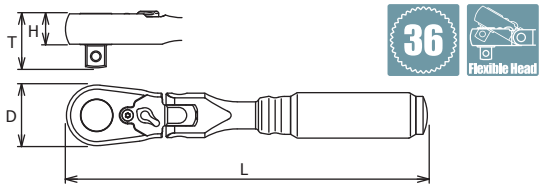
2725Z
Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2725Z	20.5	17.1	9.5	114	79	2

* Renewal Kits → **2725RK** ➔P286

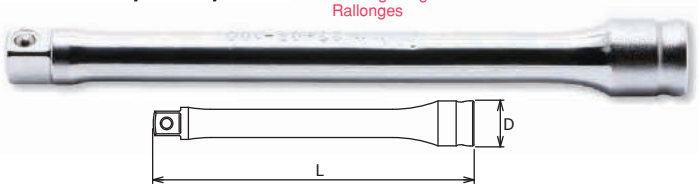
2726Z
Flexible Ratchet, Reversible (Short)
Gelenk-Knarre kurz, verstellbar
Cliquet articulé court, réversible



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2726Z	20.5	17.1	9.5	114	103	2

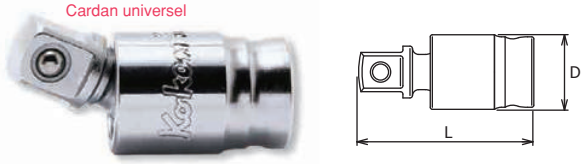
* Renewal Kits → **2725RK** ➔P286

2760Z-50/-100/-150
Extension Bars
Verlängerungen
Rallonges



2760Z	D (mm)	L (mm)	(g)	(pcs.)
50	11.5	50	21	10
100	11.5	100	39	10
150	11.5	150	58	10

2771Z
Universal Joint
Gelenk-Einsatz
Cardan universel

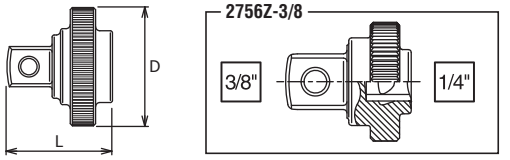


	D (mm)	L (mm)	(g)	(pcs.)
2771Z	11.7	29.9	15	10

2756Z
Quick Spinner
Rändel-Drehscheibe
Lanceur

2756Z-3/8
Quick Spinner, Adaptor
Rändel-Drehscheibe als Adaptor
Lanceur, adapteur

2756Z-3/8



	D (mm)	L (mm)	(g)	(pcs.)
2756Z	20.3	18	15	10
2756Z-3/8	20.3	21.5	24	10

P2285Z
Set in PE-foam tray
Steckschlüsselsatz in Weichschaumeinlage
Set disposé dans boîte de rangement en mousse souple

P2285Z — 26 Pieces Set/⚖=660g
PLASTIC CASE:W245×H120×T45

Sockets	Accessories
2400MZ 6-pt. Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 10, 11,12, 13, 14	**2725Z**
2000Z.28 1, 2, 3	**2756Z**
2005Z.25 5, 6	**2771Z**
2010MZ.25 3, 4, 5, 6	**2760Z-50**
	2760Z-150

2285ZE
Socket Sets
Steckschlüssel Sätze
Jeu de clés à douilles

2285ZE — 10 Pieces Set/⚖=300g
Rail 200mm/PLASTIC BAG

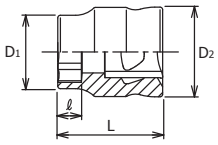
Sockets	Accessories
2400MZ 6-pt. Sockets 5.5, 6, 7, 8, 10, 12, 13, 14	**2725Z**
	2756Z

3400MZ

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

3400MZ (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5.5	8.5	17	3.5	19	16	10
6	9.1	17	3.5	19	17	10
7	10.3	17	3.5	19	17	10
8	11.5	17	4.5	20	17	10
10	14	17	4.5	20	18	10
11	15.3	17	5.5	21	18	10
12	16.5	17	5.5	21	19	10
13	17.8	17	8.5	21	19	10
14	19	17	8.5	21	20	10
15	20.2	18.2	8.5	21	24	10
16	21.3	19.3	8.5	21	28	10
17	22.5	20.5	8.5	21	32	10
18	23.6	21.6	9.5	22	38	10
19	24.8	22.8	9.5	22	41	10
21	27	25	10.5	23	51	10
22	28.3	26.3	10.5	23	58	10

3400MZ is designed 5-9mm shorter than standard 3400M.
Ideal for working in confined and tight areas.



RS3400MZ/8
RS3400MZ/12

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail à aimant

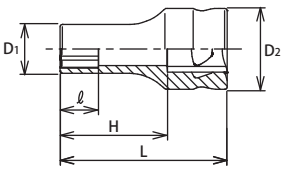
RS3400MZ/8	8 Pieces Set/Rail 200mm	(g)
8, 10, 11, 12, 13, 14, 17, 19		320

RS3400MZ/12	12 Pieces Set/Rail 300mm	(g)
7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		490

3300XZ

6-point Sockets, Semi-Deep
6-kant Steckschlüssel, mittel-lang
Douilles, semi-profondes 6-pans

	3300XZ (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**7**	10.3	17	8	23	35	23	10
New	**8**	11.5	17	9	23	35	24	10
New	**10**	14	17	11	23	35	26	10
New	**11**	15.3	17	12	23	35	28	10
New	**12**	16.5	17	13	23	35	29	10
New	**13**	17.8	17	14	23	35	32	10
New	**14**	19	17	16	23	35	34	10
New	**15**	20.2	18.2	16	23	35	40	10
New	**16**	21.3	19.3	16.5	23	35	45	10
New	**17**	22.5	20.5	16.5	23	35	50	10
New	**18**	23.6	21.6	16.5	23	35	56	10
New	**19**	24.8	22.8	18	23	35	60	10

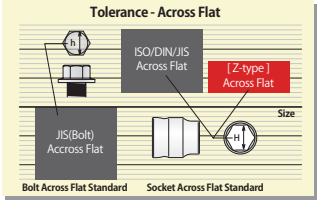


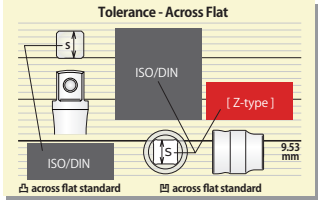
RS3300XZ/8
RS3300XZ/12

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail à aimant

	RS3300XZ/8	8 Pieces Set/Rail 200mm	(g)
New	**8, 10, 11, 12, 13, 14, 17, 19**		420

	RS3300XZ/12	12 Pieces Set/Rail 300mm	(g)
New	**7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19**		630



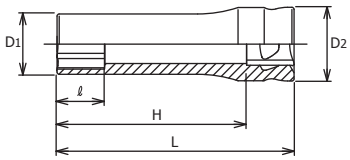


Manufacturing tolerance is precisely controlled to achieve a secure fitting.

3/8”

3300MZ

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



3300MZ (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	10.3	17	8	41.5	55	29	10
8	11.5	17	9	41.5	55	34	10
10	14	17	11	41.5	55	43	10
11	15.3	17	12	41.5	55	45	10
12	16.5	17	13	41.5	55	49	10
13	17.8	17	14	41.5	55	52	10
14	19	17	16	41.5	55	55	10
15	20.2	18.2	16	40.5	55	65	10
16	21.3	19.3	17	40.5	55	74	10
17	22.5	20.5	18	40.5	55	83	10
18	23.6	21.6	19	39.5	55	90	10
19	24.8	22.8	20	39.5	55	95	10

RS3300MZ/8
RS3300MZ/12

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail à aimant

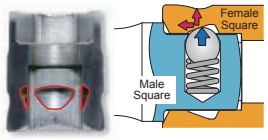
RS3300MZ/8 — 8 Pieces Set/Rail 200mm	(g)
8, 10, 11, 12, 13, 14, 17, 19	600

RS3300MZ/12 — 12 Pieces Set/Rail 300mm	(g)
7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	900

RS3X00MZ/12

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail à aimant

RS3X00MZ/12 — 12 Pieces Set/Rail 300mm		(g)
3400MZ	**8, 10, 11, 12, 13, 14, 17, 19**	550
3300MZ	**8, 10, 12, 14**	



BALL HOLDING GROOVE
Original Ball Holding system is applied on Z-series. This mechanism gives secure connection between Socket and Handle.

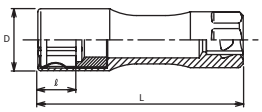
Die Werkzeuge der Z-Serie verfügen über spezielle Kugelfangrillen, die eine noch sicherere Verbindung zwischen Betätigungswerkzeug und Steckschlüssel gewährleisten.

La série Z dispose d'un système de billes de retenue.
Ce mécanisme permet une connection sécurisée entre la douille et le manche

3300CZ

Spark Plug Sockets with Spring Clips
Zündkerzen-Schlüssel mit Haltefeder
Douilles avec ressorts de retenues pour bougies

Spark Plug



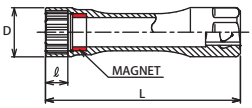
3300CZ (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	18.4	11	70	67	10
16	20.5	13	70	71	10
18	22.9	12	70	75	10
20.8	26.3	13.5	70	105	10

Slim & light weight body with smaller outside diameter for work in tight spaces.

3305PZ

Spark Plug Socket with Magnet, 12-pt. opening
Zündkerzensteckschlüssel mit Magnet, 12-kant
Douille pour bougies, avec aimant, 12-pans

Spark Plug

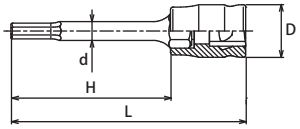


	3305PZ (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	**14**	17.9	8	70	56	10
New	**16**	20	8	70	55	10

Spark Plug Socket with Magnet, 12-pt. opening: size 14mm

3010MZ-50/-75

Inhex Bit Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



3010MZ-50 (mm)	D (mm)	d (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	17	4	23.5	50	28	10
4	17	5	23.5	50	29	10
5	17	6	23.5	50	30	10
6	17	7	23.5	50	35	10
7	17	–	23.5	50	38	10
8	17	–	23.5	50	40	10
10	17	–	23.5	50	50	10
12	19	–	23.5	50	70	10

	3010MZ-75 (mm)	D (mm)	d (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**3**	17	6	48.5	75	33	10
New	**4**	17	6	48.5	75	35	10
New	**5**	17	6	48.5	75	36	10
New	**6**	17	7	48.5	75	41	10
New	**7**	17	7.9	48.5	75	45	10
New	**8**	17	–	48.5	75	48	10
New	**10**	17	–	48.5	75	65	10
New	**12**	19	–	48.5	75	90	10

RS3010MZ/8-L50
RS3010MZ/8-L75

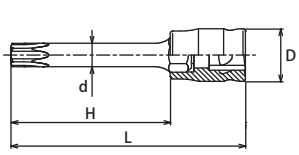
Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail à aimant

RS3010MZ/8-L50	8 Pieces Set/Rail 200mm	(g)
3, 4, 5, 6, 7, 8, 10, 12		460

	RS3010MZ/8-L75	8 Pieces Set/Rail 200mm	(g)
New	**3, 4, 5, 6, 7, 8, 10, 12**		530

3025Z-50/-75

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®



3025Z-50 (T)	D (mm)	d (mm)	H (mm)	L (mm)	(g)	(pcs.)
T10	17	3	23.5	50	27	10
T15	17	3.5	23.5	50	28	10
T20	17	3.9	23.5	50	28	10
T25	17	4.5	23.5	50	29	10
T27	17	5	23.5	50	30	10
T30	17	5.6	23.5	50	31	10
T40	17	6.7	23.5	50	35	10
T45	17	7.83	23.5	50	38	10
T50	17	8.90	23.5	50	48	10
T55	19	11.3	23.5	50	70	10

	3025Z-75 (T)	D (mm)	d (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**T20**	17	4.5	48.5	75	32	10
New	**T25**	17	5	48.5	75	33	10
New	**T27**	17	5	48.5	75	33	10
New	**T30**	17	5.6	48.5	75	35	10
New	**T40**	17	6.7	48.5	75	41	10
New	**T45**	17	7.9	48.5	75	45	10
New	**T50**	17	8.9	48.5	75	55	10
New	**T55**	19	11.3	48.5	75	80	10

RS3025Z/8-L50
RS3025Z/8-L75

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail à aimant

RS3025Z/8-L50	8 Pieces Set/Rail 200mm	(g)
T20, T25 ,T27, T30, T40, T45, T50, T55		450

	RS3025Z/8-L75	8 Pieces Set/Rail 200mm	(g)
New	**T20, T25, T27, T30, T40, T45, T50, T55**		480

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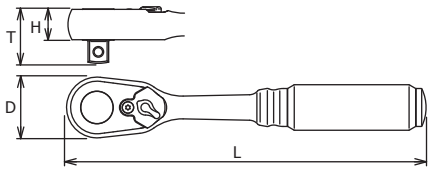
3/8”

2725Z-3/8

Reversible Ratchet Short
Knarre kurz, verstellbar
Cliquet court, réversible

36

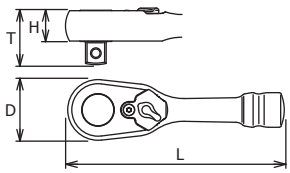


	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2725Z-3/8	20.5	20.5	9.5	114	83	2

3725ZS

Reversible Ratchet Short
Knarre kurz, verstellbar
Cliquet court, réversible

36



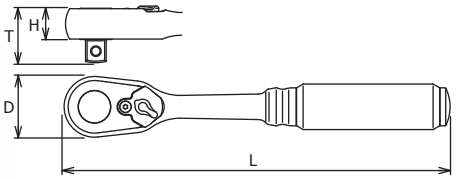
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3725ZS	28	24.5	13.7	100	157	2

* Renewal Kits → **3725RK** ➔P286

3725Z

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

36



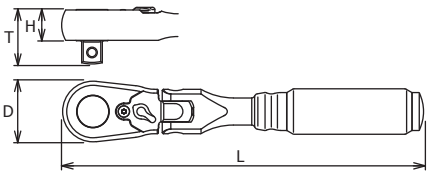
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3725Z	28	24.5	13.7	178	254	1

* Renewal Kits → **3725RK** ➔P286

2726Z-3/8

Flexible Ratchet, Reversible (Short)
Gelenk-Knarre kurz, verstellbar
Cliquet articulé court, réversible

36 Flexible Head

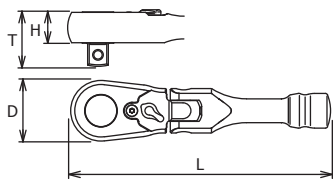


	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2726Z-3/8	20.5	20.5	9.5	114	107	2

3726ZS

Flexible Ratchet, Reversible (Short)
Gelenk-Knarre kurz, verstellbar
Cliquet articulé court, réversible

36 Flexible Head



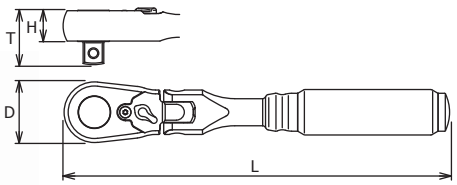
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3726ZS	28	24.5	13.7	120	196	2

* Renewal Kits → **3725RK** ➔P286

3726Z

Flexible Ratchet, Reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

36 Flexible Head



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3726Z	28	24.5	13.7	178	317	1

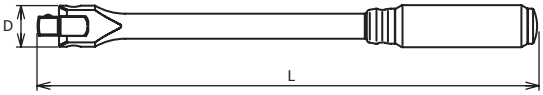
* Renewal Kits → **3725RK** ➔P286

OVAL Shank

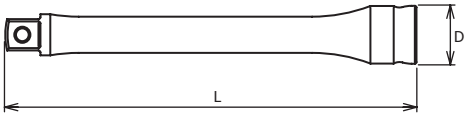
3768Z-250
Hinge Handle
Gelenkgriff
Poignée articulée

	D (mm)	L (mm)	(g)	(pcs.)
3768Z-250	20.5	250	309	2

* Renewal Kits→**3768ZRK** ➡P288



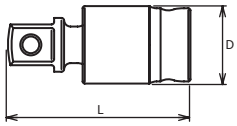
3760Z-75/-125/-250
Extension Bars
Verlängerungen
Rallonges

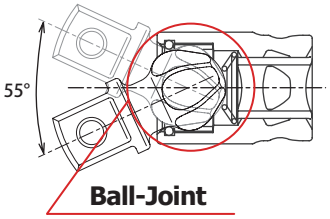


3760Z	D (mm)	L (mm)	(g)	(pcs.)
75	17.5	75	66	10
125	17.5	125	103	10
250	17.5	250	195	5

3771Z
Universal Joint
Gelenk-Einsatz
Cardan universel

	D (mm)	L (mm)	(g)	(pcs.)
3771Z	18	42.5	44	10

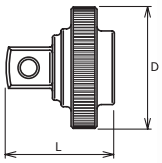




3756Z
Quick Spinner
Rändel-Drehscheibe
Lanceur

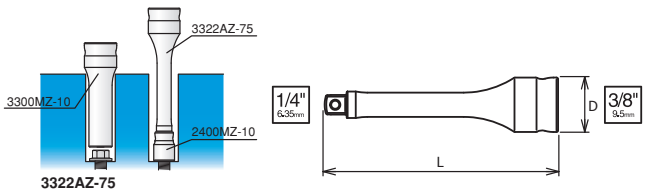
	D (mm)	L (mm)	(g)	(pcs.)
3756Z	28	25	40	10

Outside diameter is smaller compared to standard 3756.
Ideal for working in combination with 3725Z



3322AZ-75
Extension Adaptor
Verlängerungsadapter
Reduction adapteur-rallonge

	D (mm)	L (mm)	(g)	(pcs.)
3322AZ-75	17.5	75	42	10



3322AZ-75

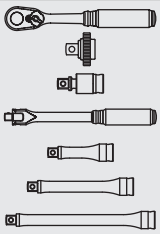
3/8”

3285Z

Set in PE-foam tray
Steckschlüsselsatz in Weichschaumeinlage
Set disposé dans boîte de rangement en mousse souple

3285Z	26 Pieces Set/=2,100g

PLASTIC TRAY:W390×T180×H25

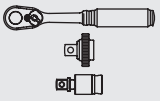
Sockets	Accessories	
3400MZ 6-pt. Sockets 5.5, 6, 7, 8, 10, 12, 13, 14, 17, 19, 21, 22		**3725Z** **3756Z** **3771Z** **3768Z-250** **3760Z-75** **3760Z-125** **3760Z-250**
3300MZ 6-pt. Deep Sockets 8, 10, 12, 14		
3300CZ Spark Plug Sockets 14, 16, 20.8		

3285ZA

Set in PE-foam tray
Steckschlüsselsatz in Weichschaumeinlage
Set disposé dans boîte de rangement en mousse souple

3285ZA	15 Pieces Set/=750g

PLASTIC TRAY:W300×T90×H25

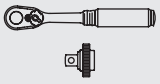
Sockets	Accessories	
3400MZ 6-pt. Sockets 5.5, 6, 7, 8, 10, 12, 13, 14, 17, 19, 21, 22		**3725Z** **3756Z** **3771Z**

3285ZE

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douilles

3285ZE	9 Pieces Set/=600g

Rail 200mm/PLASTIC BAG

Sockets	Accessories	
3400MZ 6-pt. Sockets 8, 10, 12, 13, 14, 17, 19		**3725Z** **3756Z**

RSAL200-1/4×12/-3/8×8
RSAL300-3/8×12/-1/2×10

Magnetic Rail with retaining clips
Magnetschiene mit Halteklammern
Rail à aimant avec clips de maintien

RSAL200	▱	RAIL (mm)	CLIP (pcs.)	⚖ (g)	(pce.)
1/4×12	1/4"	200	12	125	1
3/8×8	3/8"	200	8	130	1

RSAL300	▱	RAIL (mm)	CLIP (pcs.)	⚖ (g)	(pce.)
3/8×12	3/8"	300	12	180	1
1/2×10	1/2"	300	10	190	1

RSAL-200/-300
CLIP.P/5-1/4/-3/8/-1/2

Magnetic Rails and retaining Clips, bulk
Magnetschienen und Halteklammern, lose
Rail à aimant avec clips de maintien, en vrac

RAIL

	RAIL (mm)	⚖ (g)	(pce.)
RSAL200	200	110	1
RSAL300	300	145	1

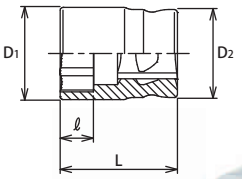
CLIP

CLIP.P/5	▱	⚖ (g)	(pcs.)
1/4	1/4"	10	5
3/8	3/8"	13	5
1/2	1/2"	20	5

4400MZ

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

	4400MZ (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	**8**	12.6	20.6	4.5	26	30	10
New	**10**	15	20.6	4.5	26	31	10
New	**12**	17.5	20.6	5.5	27	32	10
New	**13**	18.7	21.5	6.5	28	40	10
New	**14**	19.8	21.5	6.5	28	40	10
New	**16**	22.3	21.5	7.5	28	43	10
New	**17**	23.6	22.5	7.5	29	49	10
New	**18**	24.8	23.7	7.5	29	56	10
New	**19**	26	24.4	9.5	29	62	10
New	**21**	28.4	26.3	10.5	29	76	10
New	**22**	29.6	27.5	11	29	83	10
New	**24**	32	29.2	12	29	96	5
New	**27**	35.7	32.2	13.5	30	124	5
New	**30**	39.3	35.2	14.5	31	156	5
New	**32**	41.7	36.8	15.5	32	178	5



RS4400MZ/10

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail à aimant

	RS4400MZ/10	10 Pieces Set/Rail 300mm	(g)
New	**10, 12, 13, 14, 17, 19, 21, 22, 24, 27**		830

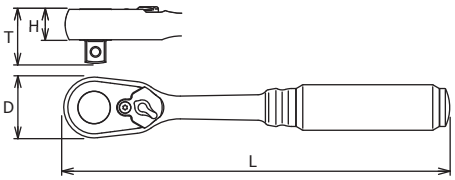
4725Z

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

36

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
New **4725Z**	36.5	32.8	18.2	253	590	1

* Renewal Kits→**4725RK** ➡P287

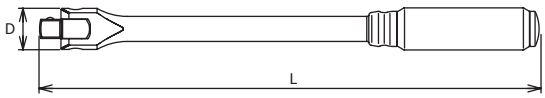


4768Z-430

Hinge Handle
Gelenkgriff
Poignée articulée

	D (mm)	L (mm)	(g)	(pce.)
New **4768Z-430**	28	430	720	1

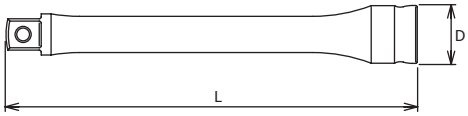
* Renewal Kits→**4768ZRK** ➡P288



4760Z-125/-250

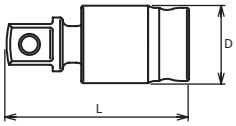
Extension Bars
Verlängerungen
Rallonges

4760Z	D (mm)	L (mm)	(g)	(pcs.)
New **125**	22.5	125	180	5
New **250**	22.5	250	340	5



4771Z

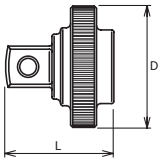
Universal Joint
Gelenk-Einsatz
Cardan universel



		D (mm)	L (mm)	(g)	(pcs.)
New	4771Z	23.7	55.8	100	10

4756Z

Quick Spinner
Rändel-Drehscheibe
Lanceur



		D (mm)	L (mm)	(g)	(pcs.)
New	4756Z	36.3	33.5	84	10

4285Z

Set in Foam tray
Steckschlüsselsatz in Weichschaumeinlage
Set disposé dans boîte de rangement en mousse souple

New 4285Z — 21 Pieces Set/⚖=4,800g

METAL CASE:W445×T190×H50

Sockets	Accessories
4400MZ 6-pt. Sockets 8, 10, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	**4725Z** **4756Z** **4771Z** **4768Z-430** **4760Z-125** **4760Z-250**

4285ZE

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douilles

New 4285ZE — 11 Pieces Set/⚖=1,380g

Rail 300mm/PLASTIC BAG

Sockets	Accessories
4400MZ 6-pt. Sockets 10, 12, 13, 14, 17, 19, 21,22, 24	**4725Z** **4756Z**

1/4”

3/8”

1/2”

3/4”

1”

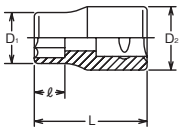
HAND

SOCKETS
STECKSCHLÜSSEL
DOUILLES

1/4”

2400M / 2400A

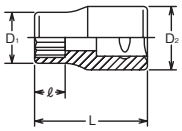
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



2400M 2405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3	5.5	11.2	2.6	22	7	10
New **3.5**	6.1	11.2	3	22	7	10
4	6.7	11.2	3.5	22	8	10
4.5	7.3	11.2	4	22	8	10
5	8	11.2	5	22	8	10
5.5	8.5	11.2	5.5	22	9	10
6	9.2	11.2	5.5	22	9	10
7	10.3	11.2	6	22	9	10
8	11.2	11.7	6.9	22	11	10
9	13	12	7.3	22	12	10
10	14.3	12.9	7.7	22	15	10
11	15.5	14.3	9.3	22	18	10
12	16.8	15.5	9.3	22	23	10
13	18	16.4	9.8	22	23	10
14	19.3	17.9	11	24	30	10

2405M / 2405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



2400A 2405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/8	5.7	11.2	2.7	22	7	10
5/32	6.7	11.2	3.5	22	8	10
3/16	7.8	11.2	5	22	8	10
7/32	8.5	11.2	5.5	22	9	10
1/4	9.6	11.2	5.8	22	9	10
9/32	10.3	11.2	6	22	9	10
5/16	11.2	11.7	6.9	22	11	10
11/32	12.5	11.7	7.3	22	12	10
3/8	13.7	12.5	7.7	22	15	10
7/16	15.5	14.3	9.3	22	18	10
1/2	18	16.4	9.8	22	23	10
9/16	19.3	17.9	11	24	30	10

RS2400M/11
RS2405M/11

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2400M/11	11 Pieces Set/Rail 200mm	(g)
4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		222

RS2405M/11	11 Pieces Set/Rail 200mm	(g)
4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		222

RS2400A/9
RS2405A/9

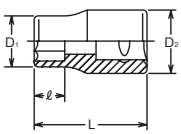
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2400A/9	9 Pieces Set/Rail 150mm	(g)
3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		162

RS2405A/9	9 Pieces Set/Rail 150mm	(g)
3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		162

2400W-BA

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



2400W (BA)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	6.1	11.2	3	22	7	10
7	7.3	11.2	4	22	8	10
6	8	11.2	5	22	8	10
5	8.5	11.2	5.5	22	9	10
4	9.6	11.2	5.8	22	9	10
3	10.3	11.2	6	22	9	10
2	11.2	11.7	6.9	22	11	10
1	13	12	7.3	22	12	10
0	14.9	13.6	8	22	16	10

RS2400W/9-BA

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2400W/9-BA	9 Pieces Set/Rail 150mm	(g)
8, 7, 6, 5, 4, 3, 2, 1, 0		120

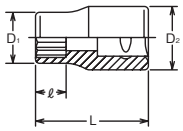
AS2405A

12-point Sockets, AS954
12-kant Steckschlüssel, AS954
Douilles 12-pans, AS954

SAE AS954

AS2405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3/16	7.7	10.9	4.5	22	8	10
7/32	8.5	10.9	4.9	22	8	10
1/4	9.4	10.9	5.3	22	8	10
9/32	10.2	10.9	5.5	22	8	10
5/16	11.3	11.7	6.4	22	10	10
11/32	12.5	12	6.8	22	10	10
3/8	13.7	12.9	6.8	22	13	10
7/16	15.6	14.3	8.8	22	17	10
1/2	17.2	16.4	8.9	22	20	10
9/16	18.8	17.9	9.1	24	27	10

Aerospace Standard SAE AS954



RSAS2405A/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

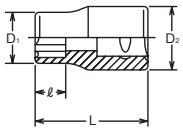
SAE AS954

RSAS2405A/10	10 Pieces Set/Rail 150mm	(g)
3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16		160

2410M

Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive

2410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
4	6.7	11.2	3.5	22	8	10
4.5	7.3	11.2	4	22	8	10
5	8	11.2	5	22	8	10
5.5	8.5	11.2	5.5	22	9	10
6	9.2	11.2	5.5	22	9	10
7	10.3	11.2	6	22	9	10
8	11.2	11.7	6.9	22	11	10
9	13	12	7.3	22	12	10
10	14.3	12.9	7.7	22	15	10
11	15.5	14.3	9.3	22	18	10
12	16.8	15.5	9.3	22	23	10
13	18	16.4	9.8	22	23	10
14	19.3	17.9	11	24	30	10



RS2410M/11

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

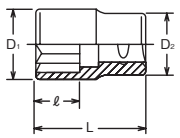
RS2410M/11	11 Pieces Set/Rail 200mm	(g)
4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		222

2415M / 2415A

Double 4-point Sockets
Doppelvierkant Steckschlüssel
Douilles mâles 4-pans doubles

2415M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
6	11	11.7	5.4	22	13	10
8	14.3	12.9	6.8	22	17	10
10	17.4	16	8.2	22	27	10

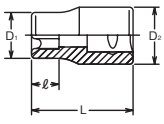
2415A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	11	11.7	5.4	22	14	10
5/16	14.3	12.9	6.8	22	17	10
3/8	17.4	16	8.2	22	26	10



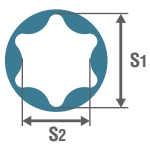
2425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®

2425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 4	5.4	11.2	4.6	22	7	10
E 5	6.7	11.2	5.2	22	8	10
E 6	7.7	11.2	5.4	22	8	10
E 7	8.3	11.2	6.6	22	9	10
E 8	9.6	11.2	7	22	9	10
E10	11.3	12	8.2	22	10	10



TORX® (E)



E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24	E26	E28
S1	(ref. mm)	3.7	4.6	5.6	6.1	7.4	9.3	9.9	11.0	12.8	14.6	16.5	18.3	20.1	22.0	23.7	25.5
S2	(ref. mm)	2.7	3.3	4.0	4.3	5.3	6.8	7.1	7.9	9.2	10.5	11.9	13.2	14.8	15.7	17.5	18.3

RS2425/6

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2425/6	6 Pieces Set/Rail 150mm	(g)
E4, E5, E6, E7, E8, E10		90

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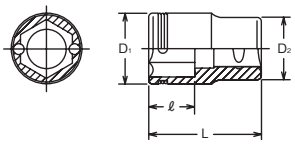
TORX® ist ein registriertes Markenzeichen der Firma **Acument Intellectual Properties, LLC.**
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

1/4”

2450MS

Nut Grip Sockets **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung
Douilles à billes de retenue



2450MS (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.3	11.2	4	18	8	10
8	12.3	11.2	5	18	9	10
10	14.3	12.9	6	19	13	10
12	17.4	16	7	20	22	10
13	18	16.4	8	20	22	10
14	19.9	18	8.5	22	31	10

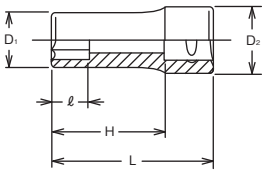
RS2450MS/6

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2450MS/6	6 Pieces Set/Rail 150mm	(g)
	7, 8, 10, 12, 13, 14	120

2300X

6-point Sockets, Semi-Deep
6-kant Steckschlüssel, mittel-lang
Douilles, semi-profondes 6-pans



2300X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
4	6.7	11.2	4	22	32	10	10
5	8	11.2	5.5	22	32	11	10
6	9.2	11.2	7	22	32	12	10
7	10.5	11.2	8	22	32	13	10
8	11.8	11.2	9	22	32	16	10
9	13	12	10	22	32	18	10
10	14.3	12.9	11	21	32	23	10
11	15.5	14.3	12	21	32	27	10
12	16.8	15.5	13	21	32	29	10
13	18	16.4	14	21	32	32	10
14	19.3	17.9	16	20	32	37	10

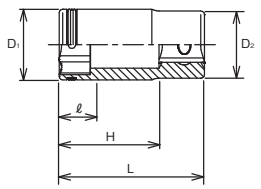
RS2300X/11

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2300X/11	11 Pieces Set/Rail 200mm	(g)
	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	300

2350X

Nut Grip Socket, Semi-Deep **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung, mittel-lang
Douilles à billes de retenue, semi-profondes



	2350X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**8**	12.3	11.2	5	22	32	17	10
New	**10**	14.2	12.9	6	22	32	22	10
New	**12**	17.3	16	7	22	32	34	10
New	**14**	20	18	8.5	22	32	43	10

RS2350X/4

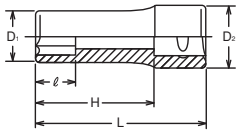
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

	RS2350X/4	4 Pieces Set/Rail 150mm	(g)
New		**8, 10, 12, 14**	140

1/4”

2300M / 2300A

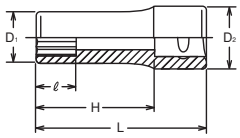
6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



2300M 2305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	5.5	11.2	3	40	50	15	10
4	6.7	11.2	4	40	50	15	10
4.5	7.3	11.2	4.5	40	50	15	10
5	8	11.2	5.5	40	50	17	10
5.5	8.5	11.2	6	40	50	17	10
6	9.2	11.2	7	40	50	20	10
7	10.5	11.2	8	40	50	25	10
8	11.8	11.2	9	40	50	25	10
9	13	12	10	40	50	30	10
10	14.3	12.9	11	39	50	34	10
11	15.5	14.3	12	39	50	43	10
12	16.8	15.5	13	39	50	50	10
13	18	16.4	14	39	50	52	10
14	19.3	17.9	16	38	50	57	10

2305M / 2305A

12-point Deep Sockets
12-kant Steckschlüssel,lang
Douilles longues, 12-pans



2300A 2305A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/8	5.7	11.2	3.5	40	50	15	10
5/32	6.7	11.2	4	40	50	15	10
3/16	7.8	11.2	5.5	40	50	17	10
7/32	8.5	11.2	6	40	50	17	10
1/4	9.8	11.2	7	40	50	25	10
9/32	10.5	11.2	8	40	50	25	10
5/16	11.8	11.2	9	40	50	25	10
11/32	12.5	11.7	10	40	50	30	10
3/8	13.7	12.5	11	40	50	34	10
7/16	15.5	14.3	12	39	50	43	10
1/2	18	16.4	14	39	50	52	10
9/16	19.3	17.9	16	38	50	57	10

RS2300M/11
RS2305M/11

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2300M/11	11 Pieces Set/Rail 200mm	(g)
4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		437

RS2305M/11	11 Pieces Set/Rail 200mm	(g)
4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		437

RS2300A/9
RS2305A/9

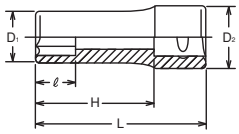
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2300A/9	9 Pieces Set/Rail 150mm	(g)
3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		296

RS2305A/9	9 Pieces Set/Rail 150mm	(g)
3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		296

2300W-BA

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



2300W (BA)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
4	9.8	11.2	7	40	50	22	10
3	10.5	11.2	8	40	50	25	10
2	11.8	11.2	9	40	50	25	10
1	13	12	10	40	50	30	10
0	14.9	13.6	12	39	50	38	10

BA

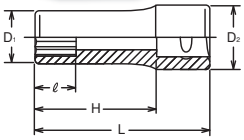
BA		8BA	7BA	6BA	5BA	4BA	3BA	2BA	1BA	0BA
Across Flat	(ref. mm)	3.86	4.37	4.90	5.59	6.30	7.16	8.23	9.27	10.49
	(ref. inch)	0.152	0.172	0.193	0.220	0.248	0.282	0.324	0.365	0.413

1/4”

AS2305A

12-point Deep Sockets, AS954
12-kant Steckschlüssel, lang, AS954
Douilles longues 12-pans, AS954

SAE AS954



AS2305A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
3/16	7.7	10.9	4.5	40	50	17	10
7/32	8.5	10.9	4.9	40	50	17	10
1/4	9.4	10.9	5.3	40	50	19	10
9/32	10.2	10.9	5.5	40	50	18	10
5/16	11.3	11.7	6.4	40	50	23	10
11/32	12.5	12	6.8	40	50	24	10
3/8	13.7	12.8	6.8	39	50	31	10
7/16	15.6	14.2	8.8	39	50	38	10
1/2	17.2	16.2	8.9	39	50	42	10
9/16	18.8	17.1	9.1	38	50	47	10

Aerospace Standard SAE AS954

RSAS2305A/10

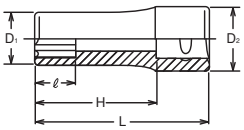
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

SAE AS954

RSAS2305A/10	10 Pieces set/Rail 150mm	(g)
	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16	307

2310M

Surface Drive Deep Sockets
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive



2310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	5.5	11.2	3	40	50	15	10
4	6.7	11.2	4	40	50	15	10
4.5	7.3	11.2	4.5	40	50	15	10
5	8	11.2	5.5	40	50	17	10
5.5	8.5	11.2	6	40	50	17	10
6	9.2	11.2	7	40	50	20	10
7	10.5	11.2	8	40	50	25	10
8	11.8	11.2	9	40	50	25	10
9	13	12	10	40	50	30	10
10	14.3	12.9	11	39	50	34	10
11	15.5	14.3	12	39	50	43	10
12	16.8	15.5	13	39	50	50	10
13	18	16.4	14	39	50	52	10
14	19.3	17.9	16	38	50	57	10

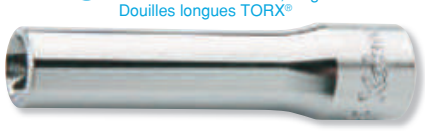
RS2310M/11

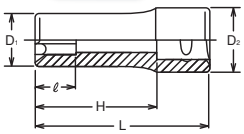
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2310M/11	11 Pieces set/Rail 200mm	(g)
	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	437

2325

TORX® Deep Sockets
TORX® Steckschlüssel, lang
Douilles longues TORX®

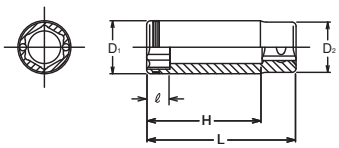




2325 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
E 4	5.4	12	4.6	40	50	17	10
E 5	6.8	12	5.2	40	50	20	10
E 6	8	12	5.4	40	50	20	10
E 7	8.3	12	6.6	40	50	22	10
E 8	9.8	12	7	40	50	25	10
E10	11.6	12	8.2	40	50	29	10

2350M

Nut Grip Deep Sockets **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung, lang
Douilles longues à billes de retenue



2350M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12.3	11.2	5	40	50	30	10
10	14.2	12.9	6	39	50	35	10
12	17.3	16	7	39	50	55	10
14	19.9	18	8.5	38	50	70	10

NUT GRIP®

Twin balls at the 6-point opening hold bolt/nut tightly for safe and reliable work.

Die zwei Kugeln in der 6-kant Öffnung unserer NUT GRIP Steckschlüssel halten die Schraube sicher im Steckschlüssel. Dies erlaubt ein Arbeiten auch an schwer zugänglichen Stellen.

Les 2 billes dans l'ouverture du 6-pans de la douille retiennent l'écrou de manière sûre et efficace.

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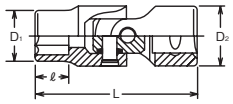
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

2440M / 2440A

6-point Universal Sockets
6-kant Gelenk-Einsätze
Douilles universelles, 6-pans



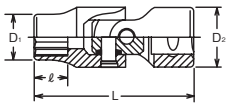
2440M 2445M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
4	6.7	13	4.8	31.5	17	10
5	8	13	5.3	32	17	10
6	9.2	13	6.1	33	18	10
7	10.5	13	6.5	33	19	10
8	11.7	13	7	34	19	10
9	13	13	7	34	20	10
10	14.2	13	8.3	35	20	10
11	15.5	13	9.5	36	21	10
12	16.7	13	10	37	21	10
13	18	13	10.5	37	26	10
14	19.2	13	10.5	37	28	10

2440A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	9.8	13	6.5	33	18	10
5/16	11.7	13	7	34	19	10
3/8	13.7	13	8.3	35	20	10
7/16	15.5	13	9.5	36	21	10
1/2	18	13	10.5	37	26	10
9/16	19.2	13	10.5	37	28	10

2445A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3/16	8	13	5.3	32	18	10
1/4	9.8	13	6.5	33	18	10
9/32	10.5	13	6.5	33	19	10
5/16	11.7	13	7	34	19	10
11/32	13	13	7	34	20	10
3/8	13.7	13	8.3	35	20	10
7/16	15.5	13	9.5	36	21	10
1/2	18	13	10.5	37	26	10
9/16	19.2	13	10.5	37	28	10

2445M / 2445A

12-point Universal Sockets
12-kant Gelenk-Einsätze
Douilles universelles, 12-pans



RS2445A/9

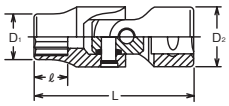
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2445A/9	9 Pieces set/Rail 150mm	(g)
	3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16	220

AS2445A

12-point Universal Sockets, AS954
12-kant Gelenk-Einsätze, AS954
Douilles universelles, 12-pans, AS954

SAE AS954

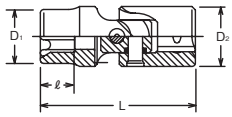


AS2445A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	9.6	12.9	5.7	31.8	18	10
5/16	11.7	12.9	7	34.6	21	10
3/8	13.5	12.9	8.3	35.1	21	10
7/16	15.5	12.9	9.5	39.1	25	10
1/2	17.2	12.9	10.5	40.1	27	10

Aerospace Standard SAE AS954

2440T

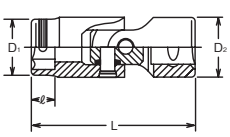
TORX® Universal Sockets
TORX® Gelenk-Einsätze
Douilles universelles TORX®



2440T (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 6	8	13	5.4	31.9	20	10
E 8	9.8	13	7	33.1	20	10
E10	11.7	13	8.2	33.6	21	10
E12	14.2	13	9.3	35.1	24	10

2441M

Nut Grip Universal Sockets **Nut Grip®**
Gelenk-Einsätze mit zweifacher Kugelhalterung
Douilles universelles à billes de retenue



2441M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.3	13	4	33	19	10
8	12.3	13	5	32	19	10
10	14.5	13	6	32.5	21	10
12	16.8	13	7	34	21	10
13	18	13	8	35	21	10
14	20	13	8.5	37	28	10

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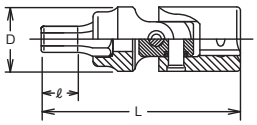
1/4”

2430M

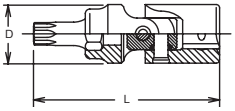
Universal Hex Sockets
Gelenk-Einsätze für Schrauben mit Innensechskant
Douilles universelles, 6-pans mâles



2430M (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3	13	5.5	40	18	10
4	13	5.5	40	18	10
5	13	6.5	40	20	10
6	13	7.5	40	21	10

2430T

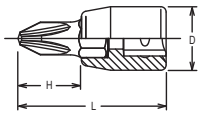
TORX® Universal Sockets
TORX® Gelenk-Einsätze
Douilles universelles TORX®



2430T (T)	D (mm)	L (mm)	(g)	(pcs.)
T 8	13	42	22	10
T 9	13	42	22	10
T10	13	42	22	10
T15	13	42	22	10
T20	13	42	22	10
T25	13	42	22	10
T27	13	42	22	10
T30	13	42	22	10

2000-28 (PH)

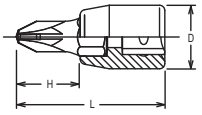
Phillips Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben, Phillips
Douilles tournevis pour vis à empreinte Phillips



2000-28 (PH)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
1	11.9	12	28	10	10
2	11.9	12	28	11	10
3	11.9	12	28	12	10
4	13.1	11	28	14	10

2000-28 (PZ)

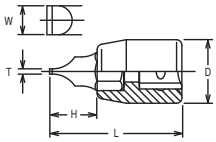
PZ Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben,PZ
Douilles tournevis pour vis à empreinte PZ



2000-28 (PZ)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
PZ1	11.9	12	28	10	10
PZ2	11.9	12	28	11	10
PZ3	11.9	12	28	12	10

2005-25

Bit Sockets for Slotted Head
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente



2005-25	T×W (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	0.5× 3	11.9	9	25	9	10
4	0.8× 4	11.9	9	25	10	10
5	1.0× 5.5	11.9	9	25	10	10
6	1.2× 6.5	13.1	9	25	11	10
8	1.2× 8	13.1	9	25	12	10
9	1.6× 8	13.1	9	25	12	10
10	1.6×10	14.3	9	25	13	10

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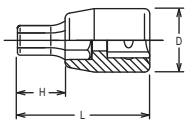
2010M-25/-100
2010A-25

Inhex Bit Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



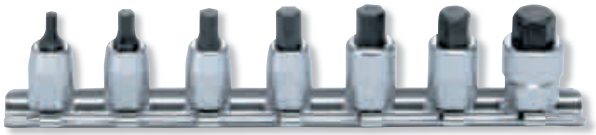
2010M-25 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
1.5	11.9	9	25	9	10
2	11.9	9	25	9	10
2.5	11.9	9	25	9	10
3	11.9	9	25	9	10
4	11.9	9	25	9	10
5	11.9	9	25	10	10
6	11.9	9	25	12	10
7	13.1	8	25	12	10
8	13.1	8	25	14	10
10	14.3	8	25	17	10

2010M-100 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
2	11.9	84	100	30	10
2.5	11.9	84	100	30	10
3	11.9	84	100	30	10
4	11.9	84	100	30	10
5	13.1	83	100	30	10
6	13.1	83	100	35	10
7	13.1	83	100	35	10
8	13.1	83	100	38	10
10	14.3	83	100	45	10

2010A-25 (inch)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/8	11.9	9	25	9	10
5/32	11.9	9	25	9	10
3/16	11.9	9	25	10	10
7/32	11.9	9	25	11	10
1/4	11.9	9	25	12	10
9/32	13.1	8	25	12	10
5/16	13.1	8	25	14	10
3/8	14.3	8	25	17	10

RS2010M/7-L25
RS2010A /8-L25

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

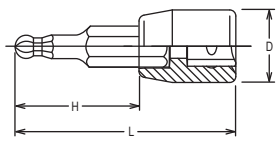


RS2010M/7-L25	7 Pieces set/Rail 150mm	(g)
	3, 4, 5, 6, 7, 8, 10	115

RS2010A/8-L25	8 Pieces set/Rail 150mm	(g)
	1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 3/8	130

2011M-50

Ballpoint Inhex Sockets
Steckschlüssel mit Kugelkopf, für Innensechskant-Schrauben
Douilles tournevis avec tête sphérique pour vis 6-pans creux

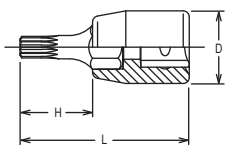


2011M-50 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	11.9	34	50	16	10
4	11.9	34	50	17	10
5	11.9	34	50	18	10
6	11.9	34	50	18	10

Ball point bit sockets have less strength due to the special design. Make sure to use them correctly.

2020-28/-50

XZN Bit Sockets
Steckschlüssel für XZN Schrauben
Douilles tournevis pour empreinte XZN

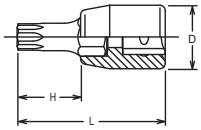


2020-28 (XZN)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M4	11.9	12	28	12	10
M5	11.9	12	28	12	10
M6	11.9	12	28	13	10
M8	13.1	11	28	14	10

2020-50 (XZN)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M4	11.9	34	50	20	10
M5	11.9	34	50	20	10
M6	11.9	34	50	22	10
M8	13.1	33	50	24	10

2025-28/-80 (T)

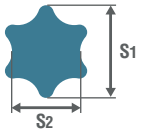
TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®



2025-28 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T 8	11.9	12	28	10	10
T 9	11.9	12	28	10	10
T10	11.9	12	28	10	10
T15	11.9	12	28	10	10
T20	11.9	12	28	11	10
T25	11.9	12	28	11	10
T27	11.9	12	28	12	10
T30	11.9	12	28	12	10
T40	11.9	12	28	13	10

2025-80 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T10	11.9	64	80	40	10
T15	11.9	64	80	40	10
T20	11.9	64	80	42	10
T25	11.9	64	80	42	10
T27	11.9	64	80	45	10
T30	11.9	64	80	45	10
T40	11.9	64	80	50	10

TORX® (T)



T		T8	T9	T10	T15	T20	T25	T27	T30	T40	T45	T50	T55	T60	T70	T80	T90	T100
S_1	(ref. mm)	2.3	2.5	2.7	3.3	3.9	4.5	5.0	5.6	6.7	7.9	8.9	11.3	13.3	15.6	17.6	20.0	22.2
S_2	(ref. mm)	1.7	1.8	2.0	2.3	2.8	3.2	3.6	4.0	4.8	5.6	6.2	8.0	9.5	11.1	12.7	14.2	15.8

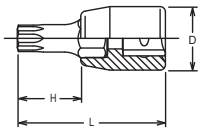
RS2025/7-L28

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2025/7-L28	7 Pieces set/Rail 150mm	(g)
T10, T15, T20, T25, T27, T30, T40		119

2025-28 (TH)

Tamper-Resistant TORX® Bit Sockets
Tamper-Resistant TORX® Bit-Steckschlüssel
Douilles tournevis, Tamper-Resistant TORX®



2025-28 (TH)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T10H	11.9	12	28	10	10
T15H	11.9	12	28	10	10
T20H	11.9	12	28	11	10
T25H	11.9	12	28	11	10
T27H	11.9	12	28	12	10
T30H	11.9	12	28	12	10
T40H	11.9	12	28	13	10

⚠ Tamper Resistant TORX® Bit Sockets have less strength due to their special design. Make sure to use it correctly.

RS2025/7-L28 (TH)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2025/7-HOLE	7 Pieces set/Rail 150mm	(g)
T10H, T15H, T20H, T25H, T27H, T30H, T40H		119

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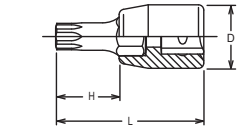
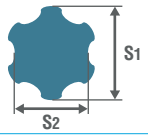
2025-28 (IP)

TORX PLUS® Bit Sockets
TORX PLUS® Bit-Steckschlüssel
Douilles tournevis, TORX PLUS®

2025-28 (IP)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
8IP	11.9	12	28	10	10
9IP	11.9	12	28	10	10
10IP	11.9	12	28	10	10
15IP	11.9	12	28	10	10
20IP	11.9	12	28	11	10
25IP	11.9	12	28	11	10
27IP	11.9	12	28	12	10
30IP	11.9	12	28	12	10
40IP	11.9	12	28	13	10



TORX Plus® (IP)



IP		8IP	9IP	10IP	15IP	20IP	25IP	27IP	30IP	40IP	45IP	50IP	55IP	60IP	70IP
S_1	(ref. mm)	2.3	2.5	2.7	3.3	3.9	4.5	5.0	5.6	6.7	7.9	8.9	11.3	13.3	15.6
S_2	(ref. mm)	1.7	1.8	2.0	2.3	2.8	3.2	3.6	4.0	4.8	5.6	6.2	8.0	9.5	11.1

RS2025/7-L28 (IP)

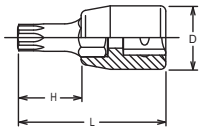
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2025/7-L28 (IP)	7 Pieces set/Rail 150mm	(g)
10IP, 15IP, 20IP, 25IP, 27IP, 30IP, 40IP		120

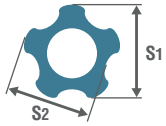
2025-28 (PR)

Penta-Lobe Bit Sockets, with hole
5 Stern, mit Stirnbohrung
Empreinte penta avec trou

2025-28 (PR)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
8PR	11.9	12	28	10	10
9PR	11.9	12	28	10	10
10PR	11.9	12	28	10	10
15PR	11.9	12	28	10	10
20PR	11.9	12	28	11	10
25PR	11.9	12	28	11	10
27PR	11.9	12	28	12	10
30PR	11.9	12	28	12	10
40PR	13.1	12	28	13	10



Penta-Lobe (PR)



PR		8PR	9PR	10PR	15PR	20PR	25PR	27PR	30PR	40PR	45PR	50PR	55PR
S_1	(ref. mm)	2.2	2.4	2.6	3.1	3.6	4.1	4.7	5.2	6.3	7.4	8.4	10.6
S_2	(ref. mm)	2.0	2.2	2.4	2.8	3.3	3.8	4.3	4.8	5.7	6.7	7.6	9.7

RS2025/7-L28 (PR)

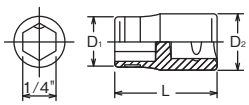
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2025/7-L28 (PR)	7 Pieces set/Rail 150mm	(g)
10PR, 15PR, 20PR, 25PR, 27PR, 30PR, 40PR		120

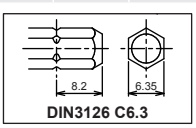
2137

Bit Holder
Klingenhalter
Porte-embouts

		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)
2137	1/4"	12	12	22.5	13	10



For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts



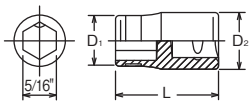
DIN3126 C6.3

D6.3

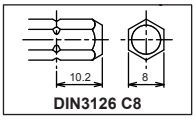
2138

Bit Holder
Klingenhalter
Porte-embouts

		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)
2138	1/4"	16	16	26	32	10



For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts



DIN3126 C8

D8

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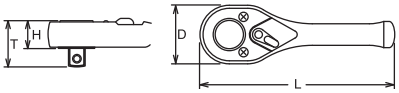
1/4”

2753PS

Reversible Ratchet (Short)
Knarre kurz, verstellbar
Cliquet courte, réversible



S.O.D.H.-System | 2 Two-Step Dog | 20

* Renewal Kits → 2753RK ➡P286

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2753PS	22	18.7	11.4	75	55	5

2753J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.H.-System | 2 Two-Step Dog | 20

* Renewal Kits → 2753RK ➡P286

2753P

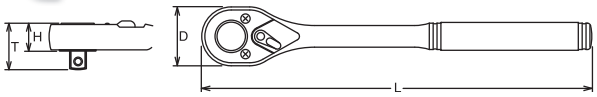
Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.H.-System | 2 Two-Step Dog | 20

* Renewal Kits → 2753RK ➡P286

2753N

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



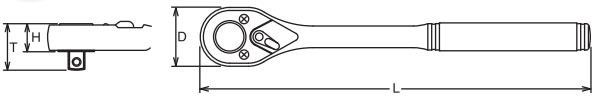
S.O.D.H.-System | 2 Two-Step Dog | 20

* Renewal Kits → 2753RK ➡P286

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2753J	22	18.7	11.4	115	77	5
2753P	22	18.7	11.4	115	87	10
New 2753N	22	18.7	11.4	115	90	10

2753P-160

Reversible Ratchet (Long)
Verstellbare Knarre, lang
Cliquet réversible, longue



S.O.D.H.-System | 2 Two-Step Dog | 20

* Renewal Kits → 2753RK ➡P286

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2753P-160	22	18.7	11.4	160	107	5

2753JB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage

S.O.D.H.-System | 2 Two-Step Dog | 20 | push Quick Release

* Renewal Kits → 2753BRK ➡P286

2753PB

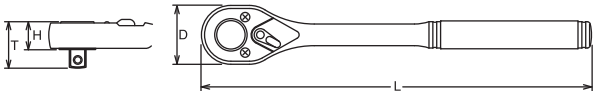
Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage

S.O.D.H.-System | 2 Two-Step Dog | 20 | push Quick Release

* Renewal Kits → 2753BRK ➡P286

2753NB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage



S.O.D.H.-System | 2 Two-Step Dog | 20 | push Quick Release

* Renewal Kits → 2753BRK ➡P286

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2753JB	22	18.7	11.4	115	77	5
2753PB	22	18.7	11.4	115	87	10
New 2753NB	22	18.7	11.4	115	90	10

Reversible Ratchet with Quick Release Button :
Sockets and accessories are safely locked. By pushing the button the sockets or extension bars are released from the ratchet.

Umstellbare Knarre mit Verriegelungsknopf :
Steckschlüssel und Zubehörteile werden sicher und fest gehalten. Bei Drücken des Knopfes lösen sich die Teile.

Cliquet réversible à verrouillage :
Les douilles et accessoires ne peuvent plus tomber. Une pression du pouce sur le bouton suffit pour les libérer.

2774JS

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

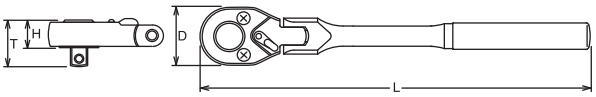
* Renewal Kits → 2753RK ➡P286

2774PS

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

* Renewal Kits → 2753RK ➡P286

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2774JS	22	18.7	11.4	116	113	5
2774PS	22	18.7	11.4	116	110	5



2774J

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

* Renewal Kits → 2753RK ➡P286

2774P

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

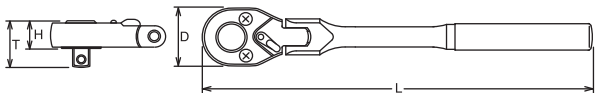
* Renewal Kits → 2753RK ➡P286

2774N

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

* Renewal Kits → 2753RK ➡P286

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2774J	22	18.7	11.4	161	130	2
2774P	22	18.7	11.4	161	126	2
New 2774N	22	18.7	11.4	161	130	2

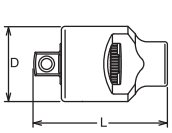


2755

Ratchet Adaptor
Aufsteckknarre
Cliquet adaptable

* Renewal Kits → 2755RK ➡P288

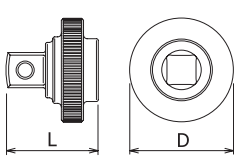
	D (mm)	L (mm)	(g)	(pcs.)
2755	26	40	80	10



2756

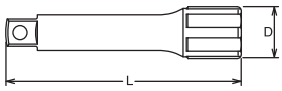
Quick Spinner
Rändel-Drehscheibe
Lanceur

	D (mm)	L (mm)	(g)	(pcs.)
2756	22	20	19	10



2760-28/-50/-75/-100/-150/-200/-250/ -300/-350/-400/-600

Extension Bars
Verlängerungen
Rallonges



2760	D (mm)	L (mm)	(g)	(pcs.)
28	12.3	28	14	10
50	12.3	50	23	10
75	12.3	75	35	10
100	12.3	100	44	10
150	12.3	150	63	10
200	12.3	200	83	10
250	12.3	250	103	10
300	12.3	300	122	2
350	12.3	350	145	2
400	12.3	400	160	2
600	12.3	600	240	2

PK2760/6

Extension Set in Plastic Box
Verlängerungen in Kunststoffkassette
Jeu de rallonges en boîte plastique

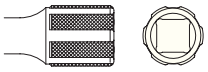
PK2760/6 — 6 Pieces Set/=430g

PLASTIC TRAY

Extension Bars

2760 Extension Bars
28, 50, 100, 150, 200, 250

Rotation and general handling of extensions with oily hands is greatly improved with the Koken developed 6 point knurling. Also the Koken 6 point knurling stops the extensions from rolling around the work area.



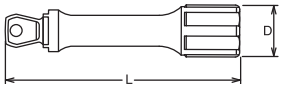
Durch die von Koken entwickelte 6 fache Rändelung wird die Handhabung deutlich erleichtert. Außerdem wird das Herumrollen der Verlängerungen wirksam verhindert.

La manipulation des rallonges est grandement facilitée par le profil moleté développé par Koken. Ce même profile empêche le roulement intempestif des rallonges sur le plan de travail.

2763-28/-50/-75/-100/-150/-200/-250

Wobble-Fix

Wobble-Fix Extension Bars
Winkel-Verlängerungen
Rallonges angulaires



2763	D (mm)	L (mm)	(g)	(pcs.)
28	12.3	28	14	10
50	12.3	50	23	10
75	12.3	75	33	10
100	12.3	100	43	10
150	12.3	150	62	10
200	12.3	200	80	10
250	12.3	250	100	10

PK2763/6

Wobble-Fix Extension Bars in Plastic Box
Winkel-Verlängerungen in Kunststoffkassette
Jeu de rallonges angulaires en boîte plastique

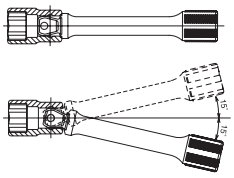
PK2763/6 — 6 Pieces Set/=420g

PLASTIC TRAY

Extension Bars

2763 Wobble-Fix Extension Bars
28, 50, 100, 150, 200, 250

Wobble-Fix Extension Bar
Two way usage
a) In a fixed position, as a normal extension bar
b) In a half-fixed position, as a flexible extension bar providing a 15° angle operation



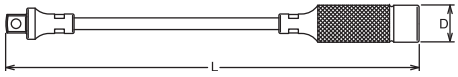
Winkel-Verlängerungen
Winkelverlängerungen lassen sich in zwei Einstellungen verwenden
a) voll eingesteckt und starr,
b) halb eingesteckt, mit einem Arbeitswinkel von 15°.

Rallonges angulaires
Deux utilisations possibles
a) comme rallonge normale, dans une position fixe
b) comme une rallonge angulaire avec une possibilité d'inclinaison jusqu'à 15°

The Wobble-Fix Extension Bar has less strength than normal extension bar due to it's specific design with a reduced square drive. Make sure to use it correctly.

2762

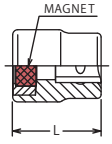
Flexible Extension Bar
Biegsame Verlängerung
Rallonge flexible



	D (mm)	L (mm)	(g)	(pcs.)
2762	13	300	90	2

2120

Magnetic Head
Magnetkopf
Tête aimantée



	L (mm)	(g)	(pcs.)
2120	17.5	21	10

2768J

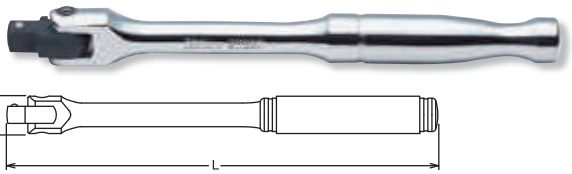
Hinge Handle
Gelenkgriff
Poignée articulée

* Renewal Kits → **2768RK** P288

2768P

Hinge Handle
Gelenkgriff
Poignée articulée

* Renewal Kits → **2768RK** P288



	D (mm)	L (mm)	(g)	(pcs.)
2768J	14	130	73	5
2768P	14	130	70	10

2769N-150/-220

Spin Type Handle
Drehgriff
Poignée emmanchée

2769N	ℓ (mm)	L (mm)	(g)	(pcs.)
150	50	150	68	2
220	120	220	100	2

Plastic or rubber handles are not intended to act as insulation.

Plastik-oder Gummigriffe stellen keinen Isolierschutz dar.

Les poignées en plastique ou en caoutchouc ne garantissent aucune isolation électrique.

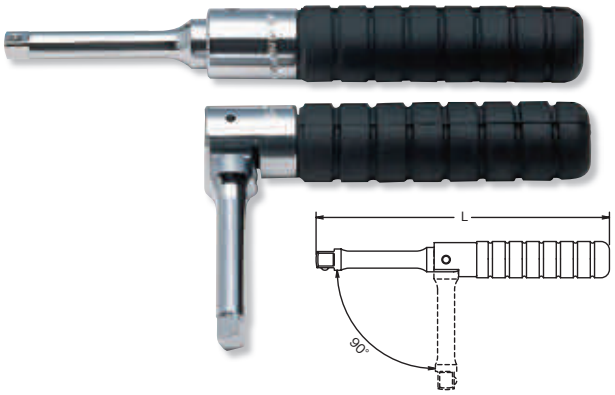
2769NWF-150/-220

Spin Type Handle(Wobble-Fix)
Drehgriff, Wobble-Fix
Poignée emmanchée, angulaire

2769NWF	ℓ (mm)	L (mm)	(g)	(pcs.)
150	50	150	68	2
220	120	220	100	2

2769H

Folding Socket Driver
Klapp-Drehgriff
Poignée tournevis articulée

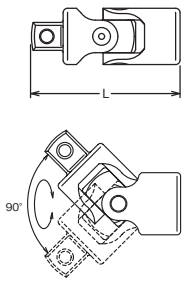


	L (mm)	(g)	(pcs.)
2769H	160	180	10

1/4”

2770

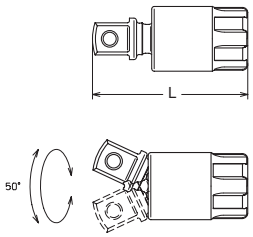
Universal Joint
Gelenk-Einsatz
Cardan universel



	L (mm)	(g)	(pcs.)
2770	33	20	10
2771	31	20	10

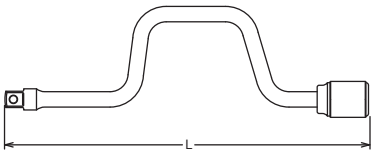
2771

Universal Joint
Gelenk-Einsatz
Cardan universel



2780

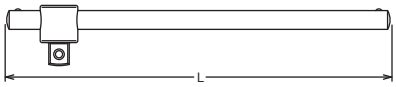
Speed Handle
Winde
Vilebrequin



	L (mm)	(g)	(pce.)
2780	350	250	1

2785

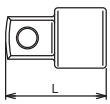
T-Handle
T-Griff
Poignée coulissante



	L (mm)	(g)	(pcs.)
2785	115	36	10

2233A

Adaptor
Verbindungsstück
Augmentateur



	(sq.)	(sq.)	L (mm)	(g)	(pcs.)
2233A	1/4"	3/8"	22	16	10

ESH2001

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

ESH2001	16 Pieces Set/=630g
METAL CASE:W160×H100×T28mm	
Sockets	Accessories
2410M Surface Drive Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	**2753J** **2763-50** **2760-150** **2770** **2785**

ENH2003

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

ENH2003	26 Pieces Set/=980g
METAL CASE:W310×H86×T40mm	
Sockets	Accessories
2400M 6-pt. Sockets 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 **108P** Phillips Bits 1, 2 **108S** Slotted Bits 4, 6, 8 **108H** Hex Bits 3, 4, 5, 6	**2753J** **2760-50** **2760-150** **2769N-150** **2770** **2785** **2137**

2251M / 2251A

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

2251M	17 Pieces Set/=725g
METAL CASE:W192×H122×T30mm	
Sockets	Accessories
2400M 6-pt. Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11,13	**2753J** **2760-50** **2760-150** **2768J** **2770** **2785**

2251A	15 Pieces Set/=700g
METAL CASE:W192×H122×T30mm	
Sockets	Accessories
2400A 6-pt. Sockets 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	**2753J** **2760-50** **2760-150** **2768J** **2770** **2785**

2258M

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

2258M	31 Pieces Set/=965g
METAL CASE:W240×H100×T32mm	
Sockets	Accessories
2400M 6-pt. Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13 **2000.28** Bit Sockets 1, 2, 3 **2005.25** Bit Sockets 4, 6 **2010M.25** Bit Sockets 3, 4, 5, 6, 8 **2025.28** Bit Sockets T10, T15, T20, T25, T30	**2753J** **2760-100** **2769N-150** **2770** **2785**

2259M

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

2259M	31 Pieces Set/=991g
METAL CASE:W240×H100×T32mm	
Sockets	**Accessories**
2400M 6-pt. Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13	**2774JS**
2000.28 Bit Sockets 1, 2, 3	**2760-100**
2005.25 Bit Sockets 4, 6	**2769N-150**
2010M.25 Bit Sockets 3, 4, 5, 6, 8	**2770**
2025.28 Bit Sockets T10, T15, T20, T25, T30	**2785**

2263A

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

New 2263A	29 Pieces Set/=940g
METAL CASE:W240×H100×T32mm	
Sockets	**Accessories**
2400A 6-pt. Sockets 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	**2753N**
2000.28 Bit Sockets 1, 2, 3	**2760-100**
2010A.25 Bit Sockets 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16	**2769N-150**
2025.28 Bit Sockets T10, T15, T20, T25, T30	**2770**
	2785

2275

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

2275	19 Pieces Set/=880g
METAL CASE:W192×H122×T30mm	
Sockets	**Accessories**
2400M 6-pt. Sockets 5.5, 6, 7, 8, 10, 12, 13	**2753J**
2000.28 Bit Sockets 1, 2, 3	**2763-50**
2005.25 Bit Sockets 6, 8	**2769N-150**
2010M.25 Bit Sockets 3, 4, 5, 6	

2276

Socket Set with Bits and Accessories
Bit Satz mit Zubehör
Jeu d'embouts et avec accessoires

2276	19 Pieces Set/=640g
METAL CASE:W192×H122×T30mm	
Bits	**Accessories**
108P Phillips Bits 1, 2, 3	**2753PS**
108S Slotted Bits 4, 5, 6	**2769N-150**
108H Hex Bits 3, 4, 5, 6	**2137**
108T TORX® Bits T10, T15, T20, T25, T27, T30	

2277

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

2277	21 Pieces Set/=1,240g
METAL CASE:W310×H86×T50mm	
Sockets	**Accessories**
2400M 6-pt. Sockets 5.5, 6, 7, 8, 9, 10, 11, 12, 13	**2753J**
2300M 6-pt. Deep Sockets 5.5, 6, 7, 8, 9, 10, 11, 12, 13	**2763-75**
	2769N-150

P2201AM

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

P2201AM	25 Pieces Set/=800g
PLASTIC CASE:W245×H120×T45mm	

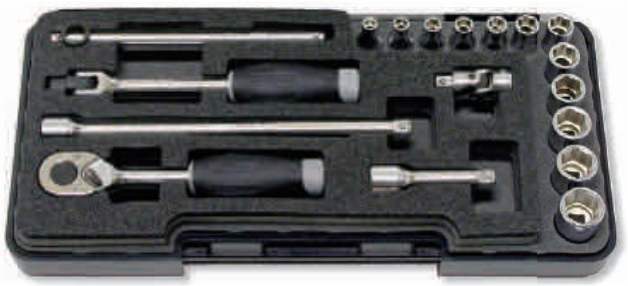
Sockets	Accessories
2400M 6-pt. Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	**2753J**
2400A 6-pt. Sockets 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	**2760-100**
	2769N-150
	2770
	2785

P2251M

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

P2251M	18 Pieces Set/=770g
PLASTIC CASE:W245×H120×T45mm	

Sockets	Accessories
2400M 6-pt. Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	**2753J**
	2760-50
	2760-150
	2768J
	2770
	2785



P2258M

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

P2258M	31 Pieces Set/=860g
PLASTIC CASE:W245×H120×T45mm	

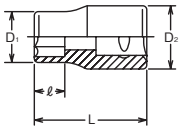
Sockets	Accessories
2400M 6-pt. Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	**2753J**
2000.28 Bit Sockets 1, 2, 3	**2760-100**
2005.25 Bit Sockets 4, 6	**2769N-150**
2010M.25 Bit Sockets 3, 4, 5, 6, 8	**2770**
2025.28 Bit Sockets T10, T15, T20, T25, T30	**2785**

ABS Case - PE foam insert
Kunststoffkassette - Weichschaumeinlage
Coffret en ABS - Inserts en mousse

3/8”

3400M / 3400A

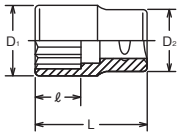
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



3400M 3405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5	8.3	17.3	5	26	20	10
5.5	8.9	17.3	5.5	26	20	10
6	9.9	17.3	6	26	20	10
7	10.8	17.3	6.5	26	20	10
8	12	17.3	7	26	22	10
9	13.3	17.3	7.5	26	23	10
10	14.5	17.3	8	26	24	10
11	15.8	17.3	8.5	26	25	10
12	16.8	17.3	9	26	25	10
13	18	17	9.5	26	24	10
14	19.5	18.5	11	27	31	10
15	20.8	19.5	11.5	28	39	10
16	22	20	12	28	42	10
17	23.3	21.5	12.5	29	51	10
18	24.5	22.5	13	30	51	10
19	25.8	23.5	13.5	30	63	10
20	27	24.5	14	31	75	10
21	28	26	14.5	32	77	10
22	29.5	26.5	15	32	82	10
23	30.8	27.5	15.5	33	95	10
24	32	28.5	16	34	102	10

3405M / 3405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



3400A 3405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3/16	8.3	17.3	5	26	20	10
1/4	10.3	17.3	6	26	20	10
9/32	10.8	17.3	6.5	26	20	10
5/16	12	17.3	7	26	22	10
11/32	13.3	17.3	7.5	26	23	10
3/8	13.9	17.3	8	26	23	10
New **13/32**	13.3	17.3	7.5	26	23	10
7/16	15.8	17.3	8.5	26	25	10
1/2	18	17	9.5	26	24	10
9/16	19.5	18.5	11	27	31	10
19/32	20.8	19.5	11.5	28	39	10
5/8	22	20	12	28	42	10
11/16	24.5	22.5	13	30	51	10
3/4	25.8	23.5	13.5	30	63	10
25/32	27	24.5	14	31	75	10
13/16	28	26	14.5	32	77	10
7/8	29.5	26.5	15	32	82	10
15/16	32	28.5	16	34	102	10

FLAT DRIVE®

Flat drive is designed to guarantee a flat surface contact between the socket and the bolt/nut. The Flat contact reduces wear and allows to transmit a higher torque value. The Flat Drive System is also used for the square drive end as well as the hexagonal or bi-hexagonal openings of the socket

Das Flat Drive Design sorgt für die optimale Kraftübertragung zwischen den Flächen des Steckschlüssels und der Schraube. Dies erlaubt eine Übertragung von höheren Drehmomenten. Das Flat Drive System findet ebenfalls bei allen Antriebsvierkanten sowie bei 6-kant und 12-kant Profilen Verwendung.

Le profil Flat Drive garantit un contact optimal entre la douille et l'écrou. Ce contact «à plat» réduit l'usure et permet la transmission d'un couple plus élevé. Ce système Flat Drive est utilisé pour tous les carrés conducteurs ainsi que pour toutes nos douilles 6-pans et 12-pans.

RS3400M/12
RS3405M/12

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3400M/12	12 Pieces Set/Rail 300mm	(g)
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		465

RS3405M/12	12 Pieces Set/Rail 300mm	(g)
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		465

RS3400A/9
RS3405A/9

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

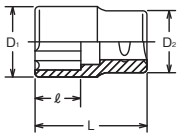
RS3400A/9	9 Pieces Set/Rail 200mm	(g)
1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4		333

RS3405A/9	9 Pieces Set/Rail 200mm	(g)
1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4		333

3410M

Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive

3410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5.5	8.9	17.3	5.5	26	20	10
6	9.9	17.3	6	26	20	10
7	10.8	17.3	6.5	26	20	10
8	12	17.3	7	26	22	10
9	13.3	17.3	7.5	26	23	10
10	14.5	17.3	8	26	24	10
11	15.8	17.3	8.5	26	25	10
12	16.8	17.3	9	26	25	10
13	18	17	9.5	26	24	10
14	19.5	18.5	11	27	31	10
15	20.8	19.5	11.5	28	39	10
16	22	20	12	28	42	10
17	23.3	21.5	12.5	29	51	10
18	24.5	22.5	13	30	51	10
19	25.8	23.5	13.5	30	63	10
20	27	24.5	14	31	75	10
21	28	26	14.5	32	77	10
22	29.5	26.5	15	32	82	10
23	30.8	27.5	15.5	33	95	10
24	32	28.5	16	34	102	10



SURFACE DRIVE

Surface drive sockets are designed to retain contact with the flat sides of the nut in order to transmit higher torque and reduce nut wear.
These sockets are ideal for using on polished nuts, aluminum nuts and nuts with worn out points.

Das Profil unserer Surface-Drive Steckschlüssel greift die Schraube an deren Flächen. Dies sichert eine höhere Kraftübertragung und verhindert ein Durchrutschen des Steckschlüssels. Diese Steckschlüssel eignen sich besonders für polierte Schrauben, Aluminium Schrauben und Schrauben bei denen die Ecken bereits abgerundet sind.

Notre profil Surface Drive assure le contact entre la douille et les plats de l'écrou. Ceci réduit l'usure et permet la transmission d'un couple plus élevé. C'est une solution idéale pour les écrous polies, celles en aluminium ou arrondies.

RS3410M/12

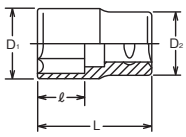
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3410M/12	12 Pieces Set/Rail 300mm	(g)
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		468

3400W

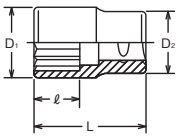
6-point Whitworth Sockets
6-kant Steckschlüssel, Whitworth
Douilles à 6-pans Whitworth

3400W 3405W (W)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/8	13.3	17.3	7.5	26	22	10
3/16	15.8	17.3	8.5	26	25	10
1/4	18	17	9.5	26	24	10
5/16	20.8	19.5	11.5	28	39	10
3/8	24.5	22.5	13	30	51	10
7/16	28	26	14.5	32	81	10
1/2	30.8	27.5	15.5	33	103	10
9/16	34.5	30.5	17	35	128	10



3405W

12-point Whitworth Sockets
12-kant Steckschlüssel, Whitworth
Douilles à 12-pans Whitworth



BS W

BS・W	BS	3/16BS	1/4BS	5/16BS	3/8BS	7/16BS	1/2BS	9/16BS	5/8BS	11/16BS	3/4BS	7/8BS
	W	1/8W	3/16W	1/4W	5/16W	3/8W	7/16W	1/2W	9/16W	5/8W	11/16W	3/4W
Across Flat	(ref. mm)	8.64	11.30	13.34	15.24	18.03	20.83	23.37	25.65	27.94	30.48	33.02

RS3400W/7
RS3405W/7

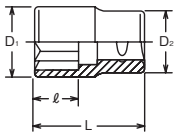
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3400W/7	7 Pieces Set/Rail 200mm	(g)
1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2		389

RS3405W/7	7 Pieces Set/Rail 200mm	(g)
1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2		389

3415M / 3415A

Double 4-point Sockets
Doppelvierkant Steckschlüssel
Douilles 4-pans, doubles

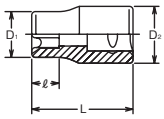


3415M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
6	12	17.3	6	26	26	10
8	14.5	17.3	7	26	26	10
10	16.8	17.3	8	26	27	10
12	20.8	19.5	9	27	43	10

3415A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	12	17.3	6	26	24	10
5/16	14.5	17.3	7	26	26	10
11/32	15.8	17.3	7.5	26	27	10
3/8	16.8	17.3	8	26	27	10
7/16	19.5	18.5	8.5	27	37	10
1/2	22	20	9.5	27	46	10

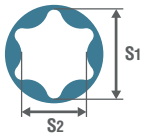
3425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



3425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 4	5.6	17.3	4.6	26	18	10
E 5	7	17.3	5.2	26	20	10
E 6	8.3	17.3	5.4	26	21	10
E 7	8.9	17.3	6.6	26	22	10
E 8	9.9	17.3	7	26	23	10
E10	12	17.3	8.2	26	24	10
E11	13.3	17.3	8.7	26	25	10
E12	14.5	17.3	9.3	26	26	10
E14	15.8	17.3	10.6	26	27	10
E16	18	17	11.8	26	27	10

TORX® (E)



E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24	E26	E28
S1	(ref. mm)	3.7	4.6	5.6	6.1	7.4	9.3	9.9	11.0	12.8	14.6	16.5	18.3	20.1	22.0	23.7	25.5
S2	(ref. mm)	2.7	3.3	4.0	4.3	5.3	6.8	7.1	7.9	9.2	10.5	11.9	13.2	14.8	15.7	17.5	18.3

RS3425/9

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3425/9	9 Pieces Set/Rail 200mm	(g)
	E4, E5, E6, E7, E8, E10, E12, E14, E16	239

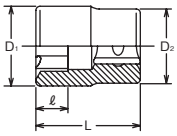
RSX425/14

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RSX425/14		14 Pieces Set/Rail 300mm	(g)
2425	1/4"	**E4, E5, E6, E7, E8**	550
3425	3/8"	**E10, E11, E12, E14**	
4425	1/2"	**E16, E18, E20, E22, E24**	

3400LH

LHSTIX® Sockets
Steckschlüssel mit LHSTIX® Profil
Douilles au profil LHSTIX®



3400LH (LH-S)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5S	10.8	17.3	5	26	20	10
6S	12	17.3	5.6	26	22	10
8S	15.8	17.3	6.8	26	25	10
10S	18	17	8	26	25	10
12S	22	20	9.2	28	42	10
14S	24.5	22.5	10.4	30	51	10
16S	28	26	11.6	32	77	10

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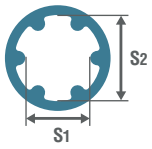
RS3400LH/7

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3400LH/7	7 Pieces Set/Rail 150mm	(g)
5S, 6S, 8S, 10S, 12S, 14S, 16S		315

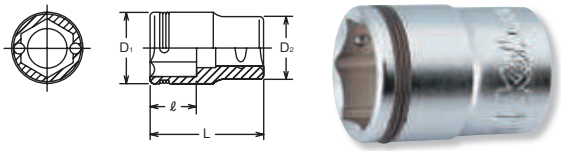
LHSTIX®



LH-S		LH-5S	LH-6S	LH-8S	LH-10S	LH-12S	LH-14S	LH-16S
S1	(ref. mm)	5.6	6.8	9.0	11.3	13.6	15.8	18.1
S2	(ref. mm)	7.5	9.0	12.0	15.0	18.0	21.0	24.0

3450M

Nut Grip Sockets **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung
Douilles à billes de retenue



3450M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	12	17.3	5	26	21	10
10	14.5	17.3	6	26	24	10
11	15.8	17.3	6.5	26	26	10
12	16.8	17.3	7	26	26	10
13	18	17	8	26	28	10
14	19.5	18.5	8.5	27	34	10
15	20.8	19.5	9	27	42	10
16	22	20	9	27	50	10
17	23.3	21.5	9.5	28	62	10
18	24.5	22.5	10.5	29	64	10
19	25.8	23.3	11.5	29	66	10
21	28	26	12	29	85	10
22	29.5	27	12.5	29	90	10
24	32	30	14.5	31	102	10

NUT GRIP®

Twin balls at the 6-point opening hold bolt/nut tightly for safe and reliable work.

Die zwei Kugeln in der 6-kant Öffnung unserer NUT GRIP Steckschlüssel halten die Schraube sicher im Steckschlüssel. Dies erlaubt ein Arbeiten auch an schwer zugänglichen Stellen.

Les 2 billes dans l’ouverture du 6-pans de la douille retiennent l’écrou de manière sûre et efficace.

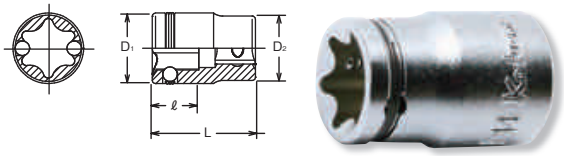
RS3450M/8

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3450M/8	8 Pieces Set/Rail 200mm	(g)
8, 10, 11, 12, 13, 14, 17, 19		310

3425 (2B)

TORX® Sockets **Nut Grip®**
TORX Steckschlüssel mit 2-facher Kugelhalterung
Douilles Torx à deux billes de retenue



3425 (2B)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E10	12	17.3	8.2	26	23	10
E12	14.5	17.3	9.3	26	25	10
E14	15.8	17.3	10.6	26	26	10
E16	18.1	17	11.8	26	27	10
E18	19.5	18.5	12	32	41	10
E20	21.9	20	14.4	32	52	10

RS3425/4 (2B)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3425/4(2B)	4 Pieces Set/Rail 150mm	(g)
E10, E12, E14, E20		150

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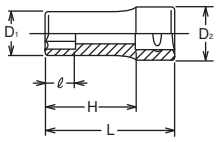
3/8”

3300X / 3300XA

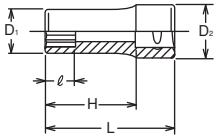
6-point Sockets, Semi-Deep
6-kant Steckschlüssel, mittel-lang
Douilles, semi-profondes 6-pans



3300X 3305X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	17.3	9	26.5	40	34	10
9	13	17.3	10	26.5	40	36	10
10	14.5	17.3	11	26.5	40	36	10
11	16	17.2	12	26.5	40	36	10
12	16.8	17.2	13	26.5	40	36	10
13	18	17	14	26.5	40	37	10
14	20	18	16	26.5	40	46	10
15	21	20	16	25.5	40	49	10
16	22	20	17	25.5	40	51	10
17	23.5	22	18	25.5	40	61	10
18	24.5	23	19	24.5	40	68	10
19	25	24	20	24.5	40	75	10

3305X / 3305XA

12-point Sockets, Semi-Deep
12-kant Steckschlüssel, mittel-lang
Douilles, semi-profondes 12-pans



3300XA 3305XA (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/4	10.3	17.3	7	26.5	40	32	10
5/16	12	17.3	9	26.5	40	34	10
3/8	13.9	17.3	11	26.5	40	36	10
7/16	16	17.2	12	26.5	40	36	10
1/2	18	17	14	26.5	40	37	10
9/16	20	18.5	16	26.5	40	46	10
5/8	22	20	17	25.5	40	51	10
11/16	24.5	22.5	19	24.5	40	68	10
3/4	25	23.5	20	24.5	40	75	10

RS3300X/8
RS3305X/8

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3300X/8	8 Pieces Set/Rail 200mm	(g)
	8, 10, 11, 12, 13, 14, 17, 19	405

RS3305X/8	8 Pieces Set/Rail 200mm	(g)
	8, 10, 11, 12, 13, 14, 17, 19	405

RS3300XA/9
RS3305XA/9

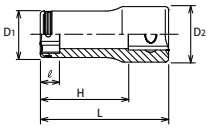
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3300XA/9	9 Pieces Set/Rail 200mm	(g)
	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	460

RS3305XA/9	9 Pieces Set/Rail 200mm	(g)
	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	460

3350X

Nut Grip Socket, Semi-Deep **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung, mittel-lang
Douilles à billes de retenue, semi-profondes



	3350X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**8**	12	17.4	5	26.5	40	33	10
New	**10**	14.5	17.4	6	26.5	40	35	10
New	**12**	16.8	17.2	7	26.5	40	40	10
New	**14**	19.5	18.5	8.5	26.5	40	48	10

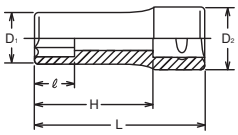
RS3350X/4

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

	RS3350X/4	4 Pieces Set/Rail 150mm	(g)
New		**8, 10, 12, 14**	165

3300M / 3300A

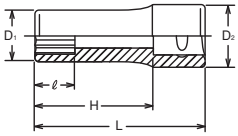
6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



3300M 3305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
5.5	8.9	17.3	6.5	41.5	55	37	10
6	9.9	17.3	7	41.5	55	37	10
7	10.6	17.3	8	41.5	55	37	10
8	12	17.3	9	41.5	55	40	10
9	13	17.3	10	41.5	55	42	10
10	14.5	17.3	11	41.5	55	46	10
11	16	17.2	12	41.5	55	51	10
12	16.8	17.2	13	41.5	55	52	10
13	18	17	14	41.5	55	53	10
14	20	18	16	41.5	55	60	10
15	21	20	16	40.5	55	74	10
16	22	20	17	40.5	55	76	10
17	23.5	22	18	40.5	55	93	10
18	24.5	23	19	39.5	55	98	10
19	25	24	20	39.5	55	98	10
20	26	25	21	49.5	65	126	10
21	27	26	22	49.5	65	126	10
22	29	28	23	48.5	65	163	10
23	30	29	24	48.5	65	168	10
24	31	30	25	47.5	65	191	10
25	33	30	26	47.5	65	199	10
26	34	31	27	47.5	65	209	10
27	35	32.5	28	47.5	65	218	10

3305M / 3305A

12-point Deep Sockets
12-kant Steckschlüssel,lang
Douilles longues, 12-pans



3300A 3305A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New **7/32**	8.9	17.3	6	41.5	55	35	10
1/4	9.9	17.3	7	41.5	55	37	10
5/16	12	17.3	9	41.5	55	40	10
11/32	12.3	17.3	10	41.5	55	41	10
3/8	14	17.3	11	41.5	55	46	10
7/16	16	17.2	12	41.5	55	51	10
1/2	18	17	14	41.5	55	53	10
9/16	20	18	16	41.5	55	60	10
19/32	21	20	16	40.5	55	74	10
5/8	22	20	17	40.5	55	76	10
11/16	23.5	22	18	40.5	55	93	10
3/4	25	24	20	39.5	55	98	10
13/16	27	26	22	49.5	65	126	10
7/8	29	28	23	48.5	65	163	10
15/16	31	30	25	47.5	65	191	10

RS3300M/12
RS3305M/12

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3300M/12	12 Pieces Set/Rail 300mm	(g)
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		878

RS3305M/12	12 Pieces Set/Rail 300mm	(g)
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		878

RS3300A/9
RS3305A/9

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3300A/9	9 Pieces Set/Rail 200mm	(g)
1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4		628

RS3305A/9	9 Pieces Set/Rail 200mm	(g)
1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4		628

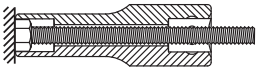
3/8”

3300M (L120)

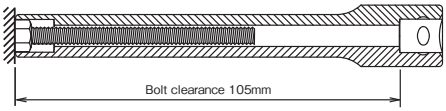
6-point Extra Deep Sockets
6-kant Steckschlüssel,extra lang
Douilles extra longues 6-pans

3300M(L120) 3305M(L120) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	17.3	9	106.5	120	85	10
10	14.5	17.3	11	106.5	120	110	10
12	16.8	17.2	13	106.5	120	116	10
13	18	17	14	106.5	120	155	5
14	20	18	16	106.5	120	166	5

3300M-Size DEEP SOCKET

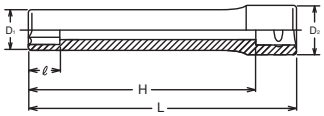


3300M-Size (L120) EXTRA DEEP SOCKET



3305M (L120)

12-point Extra Deep Sockets
12-kant Steckschlüssel,extra lang
Douilles extra longues 12-pans



3300M/4-L120
3305M/4-L120

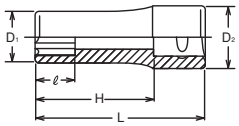
Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3300M/4-L120	4 Pieces Set/=477g
PLASTIC BAG	
Sockets	
3300M(L120) 6-point Extra Deep Sockets 8, 10, 12, 14	

3305M/4-L120	4 Pieces Set/=477g
PLASTIC BAG	
Sockets	
3305M(L120) 12-point Extra Deep Sockets 8, 10, 12, 14	

3310M

Surface Drive Deep Sockets
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive



3310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
6	9.9	17.3	7	41.5	55	37	10
7	10.6	17.3	8	41.5	55	37	10
8	12	17.3	9	41.5	55	40	10
9	13	17.3	10	41.5	55	42	10
10	14.5	17.3	11	41.5	55	46	10
11	16	17.2	12	41.5	55	51	10
12	16.8	17.2	13	41.5	55	52	10
13	18	17	14	41.5	55	53	10
14	20	18	16	41.5	55	60	10
15	21	20	16	40.5	55	74	10
16	22	20	17	40.5	55	76	10
17	23.5	22	18	40.5	55	93	10
18	24.5	23	19	39.5	55	98	10
19	25	24	20	39.5	55	98	10
20	26	25	21	49.5	65	126	10
21	27	26	22	49.5	65	126	10
22	29	28	23	48.5	65	163	10
23	30	29	24	48.5	65	168	10
24	31	30	25	47.5	65	161	10

RS3310M/12

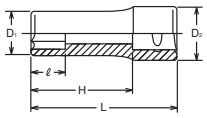
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3310M/12	12 Pieces Set/Rail 300mm	(g)
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		881

3/8”

3300W

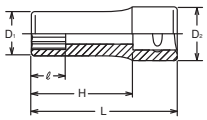
6-point Deep Whitworth Sockets
6-kant Steckschlüssel, lang, Whitworth
Douilles longues à 6-pans Whitworth



3300W 3305W (W)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/8	12.3	17.3	10	41.5	55	46	10
3/16	16	17.3	12	41.5	55	55	10
1/4	18	17	14	41.5	55	57	10
5/16	21	20	16	40.5	55	79	10
3/8	24.5	23	19	39.5	55	96	10
7/16	27	26	22	49.5	65	140	10
1/2	30	29	24	48.5	65	193	10
9/16	34	31	27	47.5	65	250	10

3305W

12-point Deep Whitworth Sockets
12-kant Steckschlüssel, Whitworth
Douilles longues à 12-pans Whitworth



BS W

BS • W	BS	3/16BS	1/4BS	5/16BS	3/8BS	7/16BS	1/2BS	9/16BS	5/8BS	11/16BS	3/4BS	7/8BS
	W	1/8W	3/16W	1/4W	5/16W	3/8W	7/16W	1/2W	9/16W	5/8W	11/16W	3/4W
Across Flat	(ref. mm)	8.64	11.30	13.34	15.24	18.03	20.83	23.37	25.65	27.94	30.48	33.02

RS3300W/7
RS3305W/7

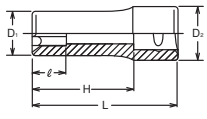
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3300W/7	7 Pieces Set/Rail 200mm	(g)
1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2		719

RS3305W/7	7 Pieces Set/Rail 200mm	(g)
1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2		719

3325

TORX® Deep Sockets
TORX® Steckschlüssel, lang
Douilles longues TORX®



3325 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
E 4	5.6	17.3	4.6	41.5	55	29	10
E 5	6.9	17.3	5.2	41.5	55	31	10
E 6	7.9	17.3	5.4	41.5	55	33	10
E 7	8.9	17.3	6.6	41.5	55	36	10
E 8	9.9	17.3	7	41.5	55	39	10
E10	11.8	17.3	8.2	41.5	55	43	10
E12	14.5	17.2	9.3	41.5	55	53	10
E14	15.7	17.2	10.6	41.5	55	57	10
E16	18	17	11.8	41.5	55	69	10

RS3325/9

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3325/9	9 Pieces Set/Rail 200mm	(g)
E4, E5, E6, E7, E8, E10, E12, E14, E16		420

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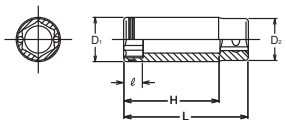
3/8”

3350M

Nut Grip Deep Sockets **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung, lang
Douilles longues à billes de retenue

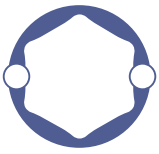


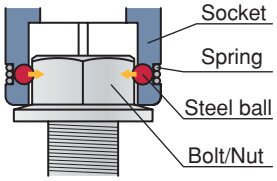
3350M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	17.4	5	41.5	55	50	10
10	14.5	17.4	6	41.5	55	54	10
12	16.8	17.2	7	41.5	55	58	10
13	18	17	8	41.5	55	59	10
14	19.5	18.5	8.5	41.5	55	71	10

RS3350M/5

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3350M/5	5 Pieces set/Rail 150mm	(g)
8, 10, 12, 13, 14		322





3350M (L120)

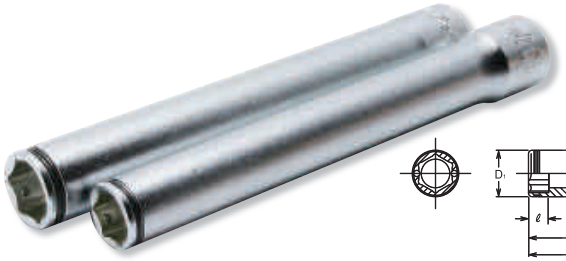
Nut Grip Deep Sockets **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung, lang
Douilles à billes de retenue

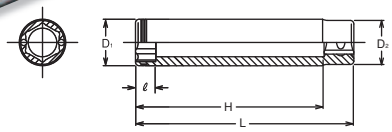
3350M(L120) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
10	14.5	17.2	6	106.5	120	110	10
12	16.8	17.2	7	106.5	120	116	10

3350M/2-L120

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

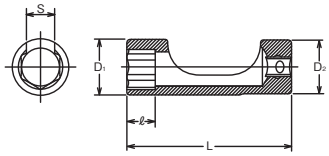
3350M/2-L120	2 Pieces Set/=230g
PLASTIC BAG	
Sockets	
3350M(L120) Nut Grip Extra Deep Sockets 10, 12	





3300FN

Flare Nut Sockets
Geschlitzte Steckschlüssel für Überwurfmuttern
Douilles à tuyauter



3300FN (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	S (mm)	(g)	(pcs.)
8	14.5	17.3	6	53	6.4	38	10
9	16	17.3	7	53	6.8	41	10
10	16.8	17.2	7.5	53	7.2	42	10
11	18	17	8.5	53	8.3	42	10
12	20	18	9	53	8.8	50	10
13	21.1	20	9.5	62	9.4	66	10
14	22	20	10.5	62	10.5	66	10
15	23	22	11	70	11.5	82	10
16	24	23	11.5	70	12	90	10
17	25	24	12.5	80	13	110	10
18	27	25	13	80	13.5	120	10
19	28	26	14	80	14.5	130	10
New **22**	32	29.5	16	80	16	180	10
New **24**	34.5	31.5	17	80	17	200	10

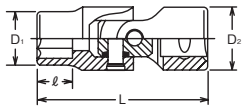
RS3300FN/8

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3300FN/8	8 Pieces Set/Rail 200mm	(g)
9, 10, 11, 13, 14, 16, 17, 19		600

3440M / 3440A

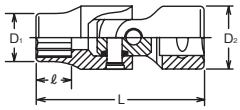
6-point Universal Sockets
6-kant Gelenk-Einsätze
Douilles articulées, 6-pans



3440M 3445M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	12	19	7.3	47	50	10
9	13.3	19	7.8	47.5	50	10
10	14.5	19	8.8	48.5	64	10
11	15.8	19	9.8	49.5	66	10
12	17	19	10.3	50	67	10
13	18.3	19	11.3	51	68	10
14	19.5	19	11.3	51	69	10
15	20.8	19	12.8	53.5	70	10
16	22	19	12.8	53.5	77	10
17	23.3	19	13.8	54.5	80	10
18	24.5	19	13.8	54.5	80	10
19	25.8	19	15.8	56.5	84	10
21	28.3	19	16.8	56.5	96	10

3445M / 3445A

12-point Universal Sockets
12-kant Gelenk-Einsätze
Douilles articulées, 12-pans



3440A 3445A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5/16	12	19	7.3	47	50	10
3/8	14	19	8.3	48	64	10
7/16	15.8	19	9.8	49.5	66	10
1/2	18.3	19	11.3	51	68	10
9/16	19.5	19	11.3	51	69	10
5/8	22	19	12.8	53.5	77	10
11/16	24.5	19	13.8	54.5	80	10
3/4	25.8	19	15.8	56.5	84	10

RS3440M/8
RS3440A/8

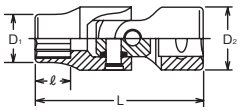
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3440M/8	8 Pieces Set/Rail 200mm	(g)
	8, 10, 11, 12, 13, 14, 17, 19	550

RS3440A/8	8 Pieces Set/Rail 200mm	(g)
	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	570

3445W

12-Point Whitworth Universal Socket
12-kant Gelenk-Einsatz, Whitworth
Douille articulées, 12-pans, Whitworth



3445W (W)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/8	13.3	19	7.8	47.5	50	10
3/16	15.8	19	9.7	49.5	66	10
1/4	18.3	19	11.3	51	68	10
5/16	20.8	19	12.8	53.5	70	10
3/8	24.5	19	13.8	54.5	80	10
7/16	28.3	19	16.8	57.5	96	10
1/2	30.8	19	17.8	58.5	105	10

RS3445W/7

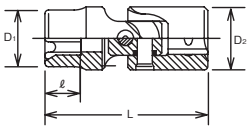
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3445W/7	7 Pieces Set/Rail 200mm	(g)
	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2	570

3/8”

3440T

TORX® Universal Sockets
TORX® Gelenk-Einsätze
Douilles articulées TORX®



3440T (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 6	7.9	19	5.4	44.9	60	10
E 8	9.9	19	7	46.5	63	10
E10	11.8	19	8.2	47.7	63	10
E12	14.5	19	9.3	48.8	68	10
E14	15.7	19	10.6	50.1	68	10
E16	18	19	11.8	51.3	70	10
E18	19.5	19	13	53.5	78	10
E20	22	19	14.4	54.9	81	10

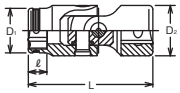
RS3440T/8

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3440T/8	8 Pieces Set/Rail 200mm	(g)
	E6, E8, E10, E12, E14, E16, E18, E20	594

3441M

Nut Grip Universal Sockets **Nut Grip®**
Gelenk-Einsätze mit zweifacher Kugelhalterung
Douilles articulées, à billes de retenue



3441M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	12	19	5	46	57	10
10	14.5	19	6	46	58	10
12	16.8	19	7	47	58	10
13	18	19	8	48	60	10
14	19.5	19	8.5	49.5	65	10

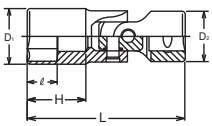
RS3441M/5

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3441M/5	5 Pieces Set/Rail 150mm	(g)
	8, 10, 12, 13, 14	320

3340M-75

Universal Deep Sockets
Gelenk-Steckschlüssel, lange Ausführung
Douilles articulées longues



3340M-75 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	19	9	39	75	82	10
10	14.5	19	11	39	75	87	10
11	15.8	19	12	39	75	87	10
12	17	19	13	39	75	92	10
13	18.3	19	14	36	75	93	10
14	19.5	19	15	35	75	103	10
15	20.8	19	16	35	75	104	10
16	22	19	17	34	75	110	10
17	23.3	19	18	34	75	115	10
18	24.5	19	19	34	75	119	10
19	25.8	19	20	33	75	123	10

RS3340M/8-L75

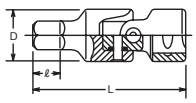
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3340M/8-L75	8 Pieces Set/Rail 200mm	(g)
	8, 10, 11, 12, 13, 14, 17, 19	810

TORX® is a registered trademark of **Acument Intellectual Properties, LLC.**
TORX® ist ein registriertes Markenzeichen der Firma **Acument Intellectual Properties, LLC.**
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

3430M

Universal Hex Sockets
Gelenk-Einsätze für Schrauben mit Innensechskant
Douilles articulées, 6-pans mâle



3430M (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5	19	15.5	62	66	10
6	19	15.5	62	70	10
7	19	15.5	62	72	10
8	19	15.5	62	74	10
10	19	15.5	62	78	10
12	19	15.5	62	85	10

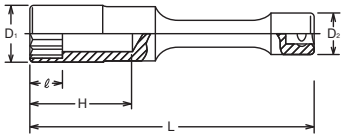
RS3430M/6

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3430M/6	6 Pieces Set/Rail 150mm	(g)
	5, 6, 7, 8, 10, 12	470

3117M-125/-250

Extended Sockets
Schaftsteckschlüssel
Douilles rallongées



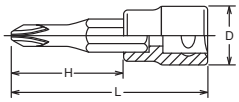
3117M-125 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)
10	14.5	18	10	44	125	121	1
11	16	18	11	44	125	133	1
12	17	18	12	44	125	133	1
13	18	18	13	44	125	134	1
14	19.5	18	14	44	125	145	1
17	23.5	18	17	44	125	178	1
19	25	18	19	44	125	187	1
21	27	18	21	44	125	195	1
22	29	18	22	44	125	214	1

3117M-250 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)
10	14.5	18	10	44	250	233	1
11	16	18	11	44	250	241	1
12	17	18	12	44	250	246	1
13	18	18	13	44	250	249	1
14	19.5	18	14	44	250	262	1
17	23.5	18	17	44	250	289	1
19	25	18	19	44	250	298	1
21	27	18	21	44	250	302	1
22	29	18	22	44	250	325	1

3/8”

3000-60 (PH)

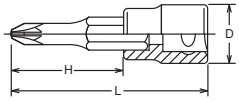
Phillips Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben, Phillips
Douilles tournevis pour vis à empreinte Phillips



3000 (PH)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
1	18	33.5	60	49	10
2	18	33.5	60	49	10
3	18	33.5	60	49	10
4	18	33.5	60	50	10

3000-50 (PZ)

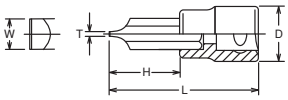
PZ Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben,PZ
Douilles tournevis pour vis à empreinte PZ



3000-50 (PZ)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
PZ1	18	23.5	50	50	10
PZ2	18	23.5	50	50	10
PZ3	18	23.5	50	50	10

3005-60

Bit Sockets for Slotted Heads
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente

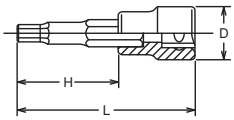


3005	T×W (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
5	1.0× 5.5	18	33.5	60	47	10
8	1.2× 8	18	33.5	60	49	10
10	1.6×10	20	33.5	60	85	10

	Phillips (PH)	PZ	Slotted	HEX	HEX (ball point)	Triple Square (XZN)	TORX® (T)	TORX® (TH)	TORXplus® (IP)	Penta-Lobe (PR)	Ribe-CV
1/4"	No.2000 series	No.2000(PZ) series	No.2005 series	No.2010M/A series	No.2011M series	No.2020 series	No.2025 series	No.2025(TH) series	No.2025(IP) series	No.2025(PR) series	—
3/8"	No.3000 No.3001 series	No.3000(PZ) series	No.3005 No.3006 series	No.3010M/A No.3012M/A No.3015M series	No.3011M series	No.3020 series	No.3025 series	No.3025(TH) series	No.3025(IP) series	No.3025(PR) series	No.3027 series
1/2"	No.4000 No.4001 series	No.4000(PZ) series	No.4005 No.4006 series	No.4010M/A No.4012M/A series	—	No.4020 series	No.4025 series	—	No.4025(IP) series	—	No.4027 series

3010M-38/-62/-100/-160
3010A-50

Inhex Bit Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



3010M-38 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	18	11.5	38	27	10
4	18	11.5	38	28	10
5	18	11.5	38	30	10
6	18	11.5	38	31	10
7	18	11.5	38	32	10
8	18	11.5	38	33	10
9	20	11.5	38	47	10
10	20	11.5	38	48	10
11	20	11.5	38	59	10
12	20	11.5	38	60	10
13	22	11.5	38	76	5
14	22	11.5	38	78	5

3010M-62 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	18	35.5	62	43	10
4	18	35.5	62	45	10
5	18	35.5	62	48	10
6	18	35.5	62	49	10
7	18	35.5	62	50	10
8	18	35.5	62	62	10
9	20	35.5	62	75	10
10	20	35.5	62	76	10
11	20	35.5	62	92	10
12	20	35.5	62	94	10
13	22	35.5	62	107	5
14	22	35.5	62	109	5

3010M-100 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	18	73.5	100	58	10
4	18	73.5	100	60	10
5	18	73.5	100	63	10
6	18	73.5	100	64	10
7	18	73.5	100	66	10
8	18	73.5	100	69	10
9	20	73.5	100	100	10
10	20	73.5	100	102	10
11	20	73.5	100	129	10
12	20	73.5	100	131	10
13	22	73.5	100	158	5
14	22	73.5	100	160	5

3010M-160 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	18	133.5	160	84	10
4	18	133.5	160	86	10
5	18	133.5	160	89	10
6	18	133.5	160	90	10
7	18	133.5	160	92	10
8	18	133.5	160	95	10
9	20	133.5	160	125	10
10	20	133.5	160	128	10
11	20	133.5	160	153	10
12	20	133.5	160	157	10
13	22	133.5	160	237	5
14	22	133.5	160	239	5

	3010A-50 (inch)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	1/8	18	23.5	50	35	10
New	5/32	18	23.5	50	36	10
New	3/16	18	23.5	50	36	10
New	7/32	18	23.5	50	38	10
New	1/4	18	23.5	50	40	10
New	9/32	18	23.5	50	42	10
New	5/16	18	23.5	50	44	10
New	11/32	20	23.5	50	59	10
New	3/8	20	23.5	50	60	10
New	7/16	20	23.5	50	74	10
New	1/2	22	23.5	50	91	5

RS3010M/8-L38	8 Pieces Set/Rail 200mm	(g)
3, 4, 5, 6, 7, 8, 10, 12		322

RS3010M/8-L62	8 Pieces Set/Rail 200mm	(g)
3, 4, 5, 6, 7, 8, 10, 12		490

RS3010M/8-L100	8 Pieces Set/Rail 200mm	(g)
3, 4, 5, 6, 7, 8, 10, 12		645

RS3010A/8-L50	8 Pieces Set/Rail 200mm	(g)
New 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2		400

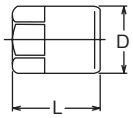
RS3010M/8-L38
RS3010M/8-L62
RS3010M/8-L100
RS3010A/8-L50

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

3/8”

3012M-25

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux

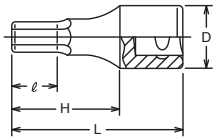


3012M-25 (mm)	D (mm)	L (mm)	(g)	(pcs.)
14	19	25	30	10
17	19	25	30	10

For Lubrication Service
Schmierdienst-Werkzeuge
Service lubrification-vidange

3012M-52/-62/-75
3012A -52/-62/-75

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



3012M/A are for hand use only.
Do not use with a power or impact wrench.
Bitte nicht auf Schlagschrauber oder anderen Maschinen gebrauchen.
À ne pas utiliser sur des machines

3012M-52 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	18	10	34	52	35	10
4	18	15.5	34	52	38	10
5	18	15.5	34	52	40	10
6	18	15.5	34	52	42	10
7	18	15.5	34	52	46	10
8	18.5	15.5	34	52	50	10
9	18.5	15.5	34	52	55	10
10	20	15.5	34	52	66	10
11	20	15.5	34	52	72	10
12	20	15.5	34	52	77	10
13	20	15.5	34	52	82	10
14	20	15.5	34	52	89	10

3012A-52 (inch)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/8	18	10	34	52	35	10
5/32	18	15.5	34	52	38	10
3/16	18	15.5	34	52	40	10
7/32	18	15.5	34	52	42	10
1/4	18	15.5	34	52	44	10
9/32	18	15.5	34	52	46	10
5/16	18.5	15.5	34	52	50	10
11/32	18.5	15.5	34	52	55	10
3/8	20	15.5	34	52	65	10
7/16	20	15.5	34	52	72	10
1/2	20	15.5	34	52	82	10
9/16	20	15.5	34	52	89	10

3012M-62 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	18	10	44	62	38	10
4	18	15.5	44	62	40	10
5	18	15.5	44	62	43	10
6	18	15.5	44	62	46	10
7	18	15.5	44	62	53	10
8	18.5	15.5	44	62	58	10
9	18.5	15.5	44	62	63	10
10	20	15.5	44	62	77	10
11	20	15.5	44	62	83	10
12	20	15.5	44	62	90	10
13	20	15.5	44	62	95	10
14	20	15.5	44	62	109	10

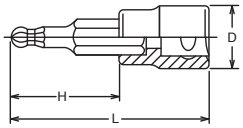
3012A-62 (inch)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/8	18	10	44	62	38	10
5/32	18	15.5	44	62	40	10
3/16	18	15.5	44	62	43	10
7/32	18	15.5	44	62	46	10
1/4	18	15.5	44	62	48	10
9/32	18	15.5	44	62	53	10
5/16	18.5	15.5	44	62	58	10
11/32	18.5	15.5	44	62	63	10
3/8	20	15.5	44	62	73	10
7/16	20	15.5	44	62	83	10
1/2	20	15.5	44	62	95	10
9/16	20	15.5	44	62	109	10

3012M-75 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	18	10	57	75	41	10
4	18	15.5	57	75	43	10
5	18	15.5	57	75	48	10
6	18	15.5	57	75	53	10
7	18	15.5	57	75	58	10
8	18.5	15.5	57	75	72	10
9	18.5	15.5	57	75	92	10
10	20	15.5	57	75	114	10
11	20	15.5	57	75	120	10
12	20	15.5	57	75	127	10
13	20	15.5	57	75	132	10
14	20	15.5	57	75	146	10

3012A-75 (inch)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/8	18	10	57	75	41	10
5/32	18	15.5	57	75	43	10
3/16	18	15.5	57	75	48	10
7/32	18	15.5	57	75	53	10
1/4	18	15.5	57	75	53	10
9/32	18	15.5	57	75	58	10
5/16	18.5	15.5	57	75	72	10
11/32	18.5	15.5	57	75	92	10
3/8	20	15.5	57	75	110	10
7/16	20	15.5	57	75	120	10
1/2	20	15.5	57	75	132	10
9/16	20	15.5	57	75	146	10

3011M-62/-100/-120/-160

Ballpoint Inhex Sockets
Steckschlüssel mit Kugelkopf, für Innensechskant-Schrauben
Douilles tournevis avec tête sphérique pour vis 6-pans creux



3011M-62 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	18	35.5	62	45	10
4	18	35.5	62	46	10
5	18	35.5	62	48	10
6	18	35.5	62	49	10
7	18	35.5	62	50	10
8	18	35.5	62	51	10
New 10	20	35.5	62	66	10
New 12	20	35.5	62	79	10

3011M-100 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	18	73.5	100	61	10
4	18	73.5	100	62	10
5	18	73.5	100	64	10
6	18	73.5	100	65	10
7	18	73.5	100	67	10
8	18	73.5	100	68	10

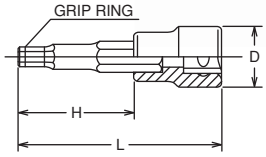
3011M-120 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	18	93.5	120	77	10
4	18	93.5	120	78	10
5	18	93.5	120	80	10
6	18	93.5	120	81	10
7	18	93.5	120	83	10
8	18	93.5	120	84	10

3011M-160 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	18	133.5	160	87	10
4	18	133.5	160	88	10
5	18	133.5	160	89	10
6	18	133.5	160	91	10
7	18	133.5	160	93	10
8	18	133.5	160	95	10

Ball point bit sockets have less strength due to the special design. Make sure to use them correctly.

3015M-62/-100

Inhex Bit Socket, **Grip Ring**
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



3015M-62 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	18	35.5	62	43	10
4	18	35.5	62	45	10
5	18	35.5	62	50	10
6	18	35.5	62	50	10
7	18	35.5	62	50	10
8	18	35.5	62	62	10
10	20	35.5	62	75	10
12	20	35.5	62	95	10

3015M-100 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	18	73.5	100	60	10
4	18	73.5	100	60	10
5	18	73.5	100	65	10
6	18	73.5	100	65	10
7	18	73.5	100	70	10
8	18	73.5	100	70	10
10	20	73.5	100	105	10
12	20	73.5	100	135	10

Grip Ring holds hex screws

RS3015M/8-L62
RS3015M/8-L100

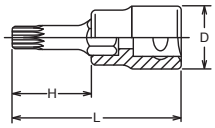
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3015M/8-L62	8 Pieces Set/Rail 200mm	(g)
	3, 4, 5, 6, 7, 8, 10, 12	500

RS3015M/8-L100	8 Pieces Set/Rail 200mm	(g)
	3, 4, 5, 6, 7, 8, 10, 12	650

3020-38/-50/-100/-120

XZN Bit Sockets
Steckschlüssel für XZN Schrauben
Douilles tournevis pour empreinte XZN



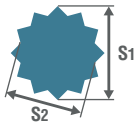
3020-38 (XZN)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	18	11.5	38	32	10
M 6	18	11.5	38	33	10
M 8	18	11.5	38	36	10
M10	20	11.5	38	51	10
M12	20	11.5	38	52	10
M14	22	11.5	38	74	10

3020-50 (XZN)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 4	18	23.5	50	35	10
M 5	18	23.5	50	37	10
M 6	18	23.5	50	39	10
M 8	18	23.5	50	40	10
M10	20	23.5	50	65	10
M12	20	23.5	50	69	10
M14	22	23.5	50	75	10

3020-100 (XZN)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 4	18	73.5	100	57	10
M 5	18	73.5	100	59	10
M 6	18	73.5	100	61	10
M 8	18	73.5	100	62	10
M10	20	73.5	100	99	10
M12	20	73.5	100	103	10
M14	22	73.5	100	145	5

3020-120 (XZN)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 4	18	93.5	120	77	10
M 5	18	93.5	120	79	10
M 6	18	93.5	120	81	10
M 8	18	93.5	120	82	10
M10	20	93.5	120	119	10
M12	20	93.5	120	123	10
M14	22	93.5	120	165	5

XZN



XZN		M4	M5	M6	M8	M10	M12	M14	M16	M18
S_1	(ref. mm)	3.6	4.8	6.1	7.3	9.7	11.5	13.3	15.7	16.9
S_2	(ref. mm)	3.1	4.1	5.1	6.1	8.1	9.7	11.2	13.2	14.2

RS3020/6-L38

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3020/6-L38	6 Pieces Set/Rail 150mm	(g)
	M5, M6, M8, M10, M12, M14	308

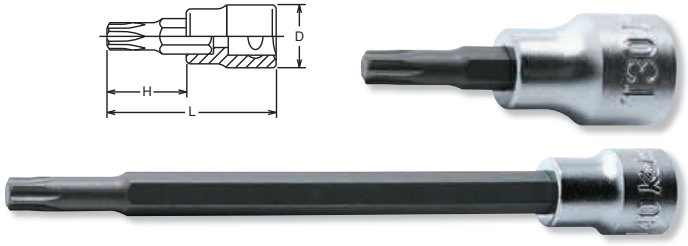
RS3020/7-L50

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3020/7-L50	7 Pieces Set/Rail 200mm	(g)
	M4, M5, M6, M8, M10, M12, M14	400

3025-38/-50/-140 (T)

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®

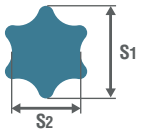


3025-38 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T 9	18	11.5	38	32	10
T10	18	11.5	38	32	10
T15	18	11.5	38	33	10
T20	18	11.5	38	33	10
T25	18	11.5	38	33	10
T27	18	11.5	38	33	10
T30	18	11.5	38	33	10
T40	18	11.5	38	34	10
T45	18	11.5	38	37	10
T50	20	11.5	38	49	10
T55	20	11.5	38	57	10

3025-50 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T 9	18	23.5	50	36	10
T10	18	23.5	50	36	10
T15	18	23.5	50	36	10
T20	18	23.5	50	36	10
T25	18	23.5	50	37	10
T27	18	23.5	50	37	10
T30	18	23.5	50	38	10
T40	18	23.5	50	39	10
T45	18	23.5	50	41	10
T50	20	23.5	50	55	10
T55	20	23.5	50	67	10

3025-140 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T 9	18	113.5	140	75	10
T10	18	113.5	140	75	10
T15	18	113.5	140	75	10
T20	18	113.5	140	75	10
T25	18	113.5	140	76	10
T27	18	113.5	140	76	10
T30	18	113.5	140	77	10
T40	18	113.5	140	78	10
T45	18	113.5	140	80	10
T50	20	113.5	140	94	10
T55	20	113.5	140	106	10

TORX® (T)



T		T8	T9	T10	T15	T20	T25	T27	T30	T40	T45	T50	T55	T60	T70	T80	T90	T100
S1	(ref. mm)	2.3	2.5	2.7	3.3	3.9	4.5	5.0	5.6	6.7	7.9	8.9	11.3	13.3	15.6	17.6	20.0	22.2
S2	(ref. mm)	1.7	1.8	2.0	2.3	2.8	3.2	3.6	4.0	4.8	5.6	6.2	8.0	9.5	11.1	12.7	14.2	15.8

RS3025/8-L38/-L50 (T)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3025/8-L38	8 Pieces Set/Rail 200mm	(g)
T10, T15, T20, T25, T27, T30, T40, T45		300

RS3025/8-L50	8 Pieces Set/Rail 200mm	(g)
T10, T15, T20, T25, T27, T30, T40, T45		320

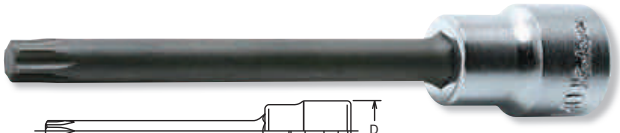
3025-50-T35

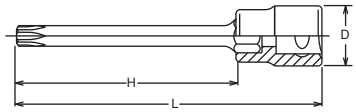
Bit Socket
Bit-Steckschlüssel
Douilles tournevis

3025-50 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T35	18	23.5	50	39	10

3025-100R (T)

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis, TORX®





3025-100R (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T20	18	73.5	100	38	10
T25	18	73.5	100	40	10
T27	18	73.5	100	42	10
T30	18	73.5	100	45	10
T40	18	73.5	100	52	10
T45	18	73.5	100	73	10
T50	20	73.5	100	80	10
T55	20	73.5	100	106	10

RS3025/8-L100R

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3025/8-L100R	8 Pieces Set/Rail 200mm	(g)
T20, T25, T27, T30, T40, T45, T50, T55		490

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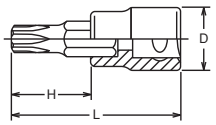
3025-50/-160 (TH)

Tamper Resistant TORX® Bit Sockets
Tamper Resistant TORX® Bit-Steckschlüssel
Douilles tournevis, Tamper-Resistant TORX®



Tamper Resistant TORX® Bit Sockets have less strength due to special design. Make sure to use it correctly.

Bitte beachten Sie die geringere Belastbarkeit der Tamper Resistant Torx Steckschlüssel.

Veuillez respecter la moindre capacité inférieure de charge des douilles Tamper Resistant Torx

3025-50 (TH)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T10H	18	23.5	50	37	10
T15H	18	23.5	50	38	10
T20H	18	23.5	50	38	10
T25H	18	23.5	50	38	10
T27H	18	23.5	50	38	10
T30H	18	23.5	50	39	10
T40H	18	23.5	50	40	10
T45H	18	23.5	50	41	10
T50H	20	23.5	50	61	10
T55H	20	23.5	50	61	10

3025-160 (TH)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T25H	18	133.5	160	83	10
T27H	18	133.5	160	83	10
T30H	18	133.5	160	84	10
T40H	18	133.5	160	85	10
T45H	18	133.5	160	86	10
T50H	20	133.5	160	128	10
T55H	20	133.5	160	128	10

RS3025/9-L50 (TH)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3025/9-HOLE	9 Pieces Set/Rail 200mm	(g)
	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H	405

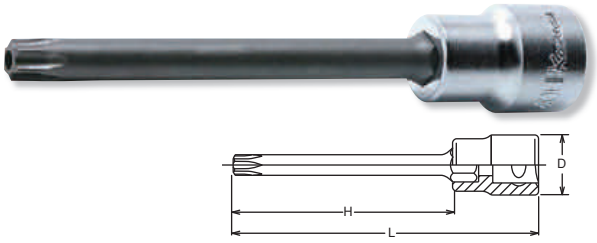
3247

Bit Socket Set
Schraubendreher-Steckschlüssel Satz
Jeu de douilles de vissage

3247	4 Pieces Set/⚖=385g
PLASTIC BAG	
Sockets	
3025.160 Tamper-Resistant TORX® Bit Sockets T27H, T30H, T40H, T50H	

3025-100R (TH)

Tamper-Resistant TORX® Bit Sockets
Tamper-Resistant TORX® Bit-Steckschlüssel
Douilles tournevis, Tamper-Resistant TORX®



3025-100R (TH)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T20H	18	73.5	100	38	10
T25H	18	73.5	100	40	10
T27H	18	73.5	100	42	10
T30H	18	73.5	100	45	10
T40H	18	73.5	100	52	10
T45H	18	73.5	100	73	10
T50H	20	73.5	100	80	10
T55H	20	73.5	100	106	10

RS3025/8-L100RH

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3025/8-L100RH	8 Pieces Set/Rail 200mm	(g)
	T20H, T25H, T27H, T30H, T40H, T45H, T50H, T55H	490

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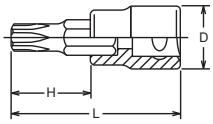
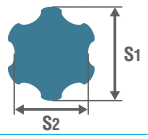
3025-50 (IP)

TORX PLUS® Bit Sockets
TORX PLUS® Bit-Steckschlüssel
Douilles tournevis,TORX PLUS®

3025-50 (IP)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
10IP	18	23.5	50	38	10
15IP	18	23.5	50	38	10
20IP	18	23.5	50	38	10
25IP	18	23.5	50	38	10
27IP	18	23.5	50	40	10
30IP	18	23.5	50	40	10
40IP	18	23.5	50	41	10
45IP	18	23.5	50	41	10
50IP	20	23.5	50	61	10
55IP	20	23.5	50	61	10



TORX Plus® (IP)



IP		8IP	9IP	10IP	15IP	20IP	25IP	27IP	30IP	40IP	45IP	50IP	55IP	60IP	70IP
S_1	(ref. mm)	2.3	2.5	2.7	3.3	3.9	4.5	5.0	5.6	6.7	7.9	8.9	11.3	13.3	15.6
S_2	(ref. mm)	1.7	1.8	2.0	2.3	2.8	3.2	3.6	4.0	4.8	5.6	6.2	8.0	9.5	11.1

RS3025/8 (IP)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3025/8-IP	8 Pieces Set/Rail 200mm	(g)
20IP, 25IP, 27IP, 30IP, 40IP, 45IP, 50IP, 55IP		370

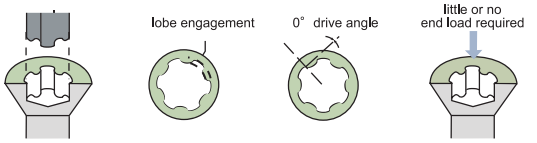
RSX025/11 (IP)

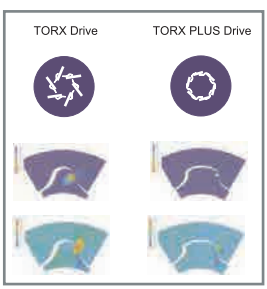
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

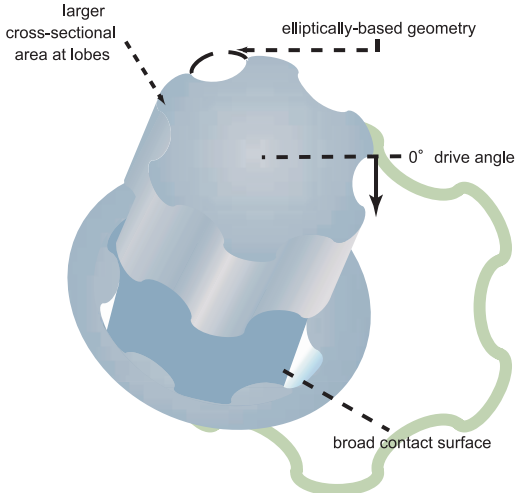
RSX025/11-IP	11 Pieces Set/Rail 200mm	(g)
2025.28(IP)	**10IP, 15IP, 20IP, 25IP, 27IP**	480
3025.50(IP)	**30IP, 40IP, 45IP, 50IP**	
4025.60(IP)	**55IP, 60IP**	

1/4" + 3/8" + 1/2"

TORX PLUS®







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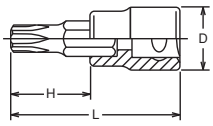
3/8”

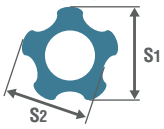
3025-50 (PR)

Penta-Lobe Bit Sockets, with hole
5 Stern, mit Stirnbohrung
Empreinte penta avec trou



3025-50 (PR)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
10PR	18	23.5	50	38	10
15PR	18	23.5	50	38	10
20PR	18	23.5	50	38	10
25PR	18	23.5	50	38	10
27PR	18	23.5	50	40	10
30PR	18	23.5	50	40	10
40PR	18	23.5	50	41	10
45PR	18	23.5	50	41	10
50PR	20	23.5	50	61	10
55PR	20	23.5	50	61	10

Penta-Lobe (PR)



PR		8PR	9PR	10PR	15PR	20PR	25PR	27PR	30PR	40PR	45PR	50PR	55PR
S_1	(ref. mm)	2.2	2.4	2.6	3.1	3.6	4.1	4.7	5.2	6.3	7.4	8.4	10.6
S_2	(ref. mm)	2.0	2.2	2.4	2.8	3.3	3.8	4.3	4.8	5.7	6.7	7.6	9.7

RS3025/9 (PR)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3025/9-PR	9 Pieces Set/Rail 200mm	(g)
10PR, 15PR, 20PR, 25PR, 27PR, 30PR, 40PR, 45PR, 50PR		395

RSX025/11 (PR)

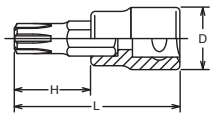
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RSX025/11-PR	11 Pieces Set/Rail 200mm	(g)
2025.28(PR)	**8PR, 10PR, 15PR, 20PR, 25PR, 27PR, 30PR**	320
3025.50(PR)	**40PR, 45PR, 50PR, 55PR**	

1/4" + 3/8"

3027-50/-100

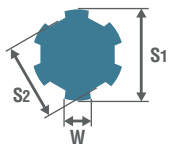
Bit Sockets for Ribe Screws
Steckschlüsselklingen für Ribe Schrauben
Douilles tournevis pour écrous profil Ribe



3027-50	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	18	23.5	50	38	10
M 6	18	23.5	50	38	10
M 7	18	23.5	50	38	10
M 8	18	23.5	50	39	10
M 9	20	23.5	50	40	10
M10	20	23.5	50	40	10
M12	20	23.5	50	41	10

3027-100	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	18	73.5	100	40	10
M 6	18	73.5	100	42	10
M 8	18	73.5	100	45	10
M10	20	73.5	100	52	10
M12	20	73.5	100	73	10

Ribe CV



CV		M5	M6	M7	M8	M9	M10	M12	M13	M14	M16
W	(ref. mm)	1.2	1.3	1.4	1.8	2.0	2.3	2.6	3.1	3.2	3.6
S_1	(ref. mm)	5.0	6.0	7.0	8.0	9.0	10.0	12.0	13.0	14.0	16.0
S_2	(ref. mm)	3.8	4.5	5.0	6.0	7.1	7.4	9.0	11.0	10.4	11.9

RS3027/5-L50

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

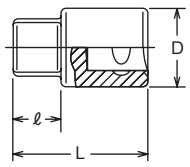
RS3027/5-L50	5 Pieces Set/Rail 150mm	(g)
M5, M6, M8, M10, M12		240

3110M / 3110A

4-point Male Sockets
Öldienst-Steckschlüssel
Douilles mâles 4-pans

3110M (mm)	☐	D (mm)	ℓ (mm)	L (mm)	⚖ (g)	◈ (pcs.)
6	3/8"	18	10	28	30	10
8		18	10	28	30	10
10		18	10	28	33	10
12		18	10	28	37	10

3110A (inch)	☐	D (mm)	ℓ (mm)	L (mm)	⚖ (g)	◈ (pcs.)
5/16	3/8"	18	10	28	30	10
3/8		18	10	28	33	10
1/2		18	10	28	37	10

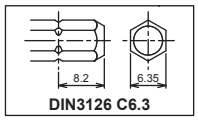


3137

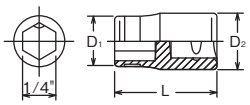
Bit Holder
Klingenhalter
Porte-embouts

	☐	D₁ (mm)	D₂ (mm)	L (mm)	⚖ (g)	◈ (pcs.)
3137	3/8"	13	16.5	30	30	10

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts



D6.3

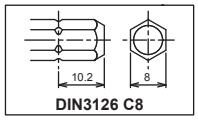


3138

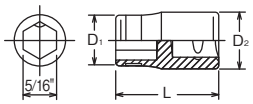
Bit Holder
Klingenhalter
Porte-embouts

	☐	D₁ (mm)	D₂ (mm)	L (mm)	⚖ (g)	◈ (pcs.)
3138	3/8"	16	18	38	55	10

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts



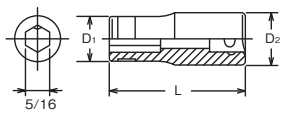
D8



3141

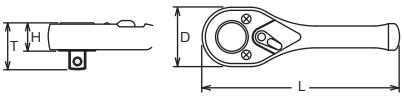
Bit Holder, extra deep for 131P-80, 131S-80, 131T-80
Klingenhalter, extra tief für 131P-80, 131S-80, 131T-80
Porte-embouts, ouverture longue pour 131P-80, 131S-80, 131T-80

	☐	D₁ (mm)	D₂ (mm)	L (mm)	⚖ (g)	◈ (pcs.)
3141	3/8"	16	18	48	60	10



2749PS-3/8

Reversible Ratchet (Short)
Knarre kurz, verstellbar
Cliquet courte, réversible



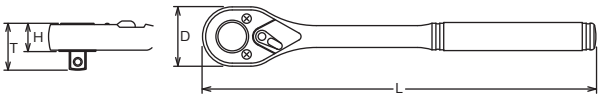
S.O.D.H.-System 24

* Renewal Kits → **2749RK-3/8** ➡P286

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2749PS-3/8	25	21.9	11.2	75	70	10

2749P-3/8

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



S.O.D.H.-System 24

* Renewal Kits → **2749RK-3/8** ➡P286

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2749P-3/8	25	21.9	11.2	125	101	10

⚠ 2749-3/8 series have less strength compared with normal 3/8" ratchet due to the technical design. Make sure to use the ratchet correctly.

3749S

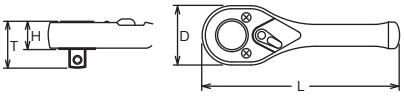
Reversible Ratchet (Short)
Knarre kurz, verstellbar
Cliquet courte, réversible

S.O.D.H.-System 2 Two-Step Dog 24

* Renewal Kits → **3749RK** ➡P286

3749SB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage



S.O.D.H.-System 2 Two-Step Dog 24 push Quick Release

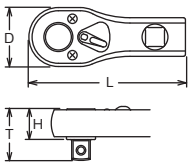
* Renewal Kits → **3749BRK** ➡P286

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3749S	34	24.8	14.1	110	183	5
3749SB	34	24.8	14.1	110	183	5

⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

3753SM

Multi Purpose Ratchet, reversible
Knarre mir 2 Vierkantöffnungen, umstellbar
Cliquet réversible deux carrés femelles, réversibles



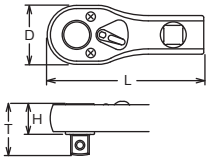
S.O.D.H.-System 2 Two-Step Dog 24

* Renewal Kits → **3753RK** ➡P286

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3753SM	30.5	26.4	15.7	81	175	5

3753SMB

Multi Purpose Ratchet, reversible, with quick release button
Knarre mit 2 Vierkantöffnungen, mit Verriegelungsknopf, umstellbar
Cliquet réversible deux carrés, avec bouton de débrayage



S.O.D.H.-System 2 Two-Step Dog 24 push Quick Release

* Renewal Kits → **3753BRK** ➡P286

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3753SMB	30.5	26.4	15.7	81	175	5

3/8”

[L/R Marking]

L/R Marking 45

* Renewal Kits → 3752RK ➔P286

L/R Marking 45

* Renewal Kits → 3752RK ➔P286

A pointer and L/R markings on the ratchet head Indicate the turning direction.
The reduced diameter of the head allows easier access in tight spots.

Eine L/R Markierung auf dem Knarrenkopf zeigt die gerade eingestellte Drehrichtung an. Der geringe Kopfdurchmesser erleichtert das Arbeiten auch an schwer zugänglichen Stellen.

Un marquage L/R sur la tête de cliquet indique le sens de rotation.
Le diamètre de tête réduit facilite le travail dans les endroits difficilement accessibles.

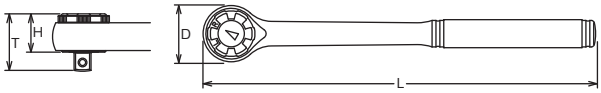
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3752J	33	34.3	23.9	200	310	1
New 3752N	33	34.3	23.9	200	310	1

3752J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

3752N

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



S.O.D.H-System 2 Two-Step Dog 24

* Renewal Kits → 3753RK ➔P286

3753J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.H-System 2 Two-Step Dog 24

* Renewal Kits → 3753RK ➔P286

3753P

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.H-System 2 Two-Step Dog 24

* Renewal Kits → 3753RK ➔P286

3753N

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

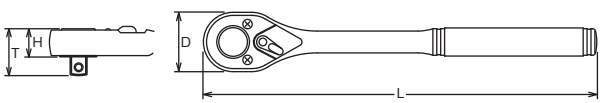
S.O.D.H-System 2 Two-Step Dog 24

* Renewal Kits → 3753RK ➔P286

D3753J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3753J	30.5	26.4	15.7	200	260	1
3753P	30.5	26.4	15.7	200	286	1
New 3753N	30.5	26.4	15.7	200	320	1
D3753J	30.5	26.4	15.7	200	260	1

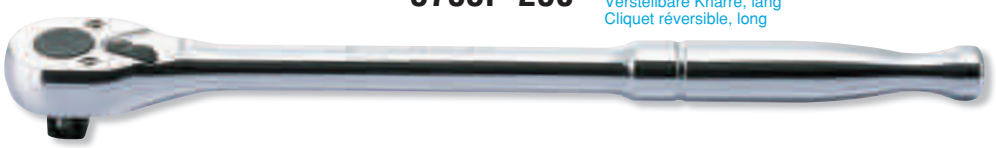


S.O.D.H-System 2 Two-Step Dog 24

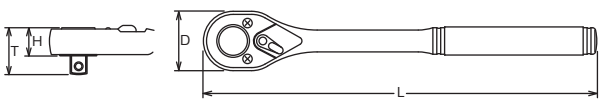
* Renewal Kits → 3753RK ➔P286

3753P-250

Reversible Ratchet (Long)
Verstellbare Knarre, lang
Cliquet réversible, long



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3753P-250	30.5	26.4	15.7	250	335	1



3/8”

3753JB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage

S.O.D.J-System | 2 Two-Step Dog | 24 | push Quick Release

* Renewal Kits → 3753BRK ➡P286

3753PB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage

S.O.D.J-System | 2 Two-Step Dog | 24 | push Quick Release

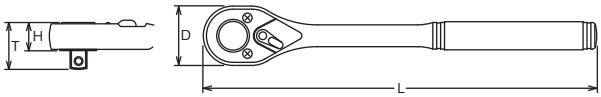
* Renewal Kits → 3753BRK ➡P286

3753NB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage

S.O.D.J-System | 2 Two-Step Dog | 24 | push Quick Release

* Renewal Kits → 3753BRK ➡P286



⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3753JB	30.5	26.4	15.7	200	260	1
3753PB	30.5	26.4	15.7	200	286	1
New 3753NB	30.5	26.4	15.7	200	320	1

2774JS-3/8

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

S.O.D.J-System | 24 | Flexible Head

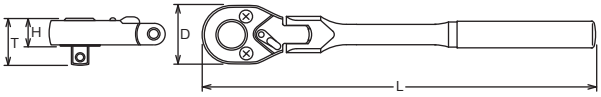
* Renewal Kits → 2749RK-3/8 ➡P286

2774PS-3/8

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

S.O.D.J-System | 24 | Flexible Head

* Renewal Kits → 2749RK-3/8 ➡P286



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2774JS-3/8	25	21.9	11.2	120	113	5
2774PS-3/8	25	21.9	11.2	120	133	5

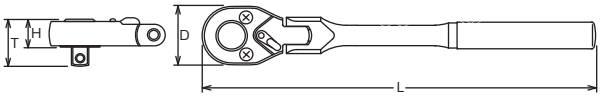
⚠ 2774-3/8 series have less strength compared with normal 3/8" ratchet due to the technical design. Make sure to use the ratchet correctly.

3774PS

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

S.O.D.J-System | 2 Two-Step Dog | 24 | Flexible Head

* Renewal Kits → 3753RK ➡P286



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3774PS	30.5	26.4	15.7	175	250	2

3/8”

3774J

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

S.O.D.D.H-System | Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → 3753RK ➡P286

3774P

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

S.O.D.D.H-System | Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → 3753RK ➡P286

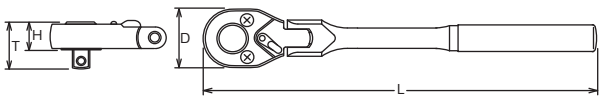
3774N

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

S.O.D.D.H-System | Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → 3753RK ➡P286

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3774J	30.5	26.4	15.7	285	367	1
3774P	30.5	26.4	15.7	265	378	2
New 3774N	30.5	26.4	15.7	265	378	2

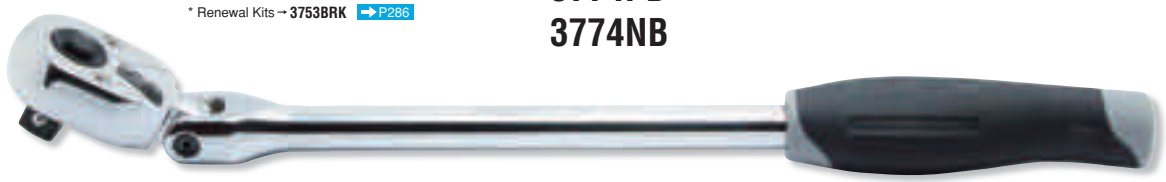


3774JB
3774PB
3774NB

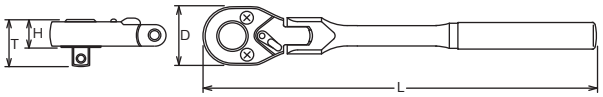
Flexible Ratchet, reversible with quick release button
Gelenk-Knarre, verstellbar mit Verriegelungsknopf
Cliquet, articulée, réversible avec bouton de débrayage

S.O.D.D.H-System | Two-Step Dog | 24 | Quick Release | Flexible Head | OVAL Shank

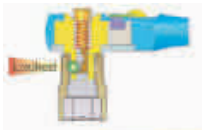
* Renewal Kits → 3753BRK ➡P286



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3774JB	30.5	26.4	15.7	285	367	1
3774PB	30.5	26.4	15.7	265	373	2
New 3774NB	30.5	26.4	15.7	265	378	2



⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.



Reversible Ratchet with Quick Release Button :
Sockets and accessories are safely locked. By pushing the button the sockets or extension bars are released from the ratchet.

Umstellbare Knarre mit Verriegelungsknopf :
Steckschlüssel und Zubehörteile werden sicher und fest gehalten. Bei Drücken des Knopfes lösen sich die Teile.

Cliquet réversible à verrouillage :
Les douilles et accessoires ne peuvent plus se libérer. Une pression du pouce sur le bouton suffit pour les extraire.

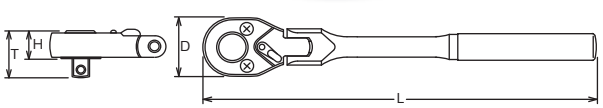
3774JL
3774PL
3774NL

Flex-Head Ratchet with Head Lock Button
Gelenk-Knarre, mit feststellbarem Gelenk
Cliquet à tête articulée avec bouton de blocage

S.O.D.D.H-System | Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → 3753RK ➡P286

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3774JL	30.5	26.4	15.7	285	367	1
3774PL	30.5	26.4	15.7	265	378	2
New 3774NL	30.5	26.4	15.7	265	378	2



⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

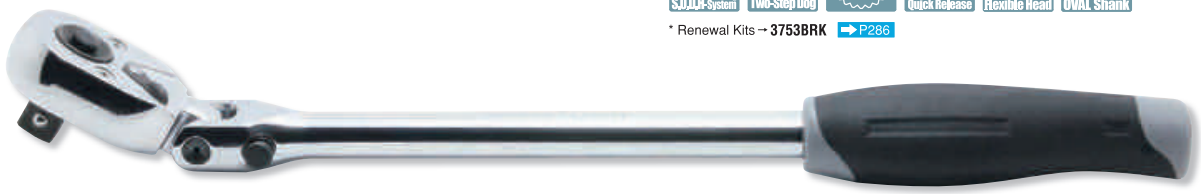
3/8”

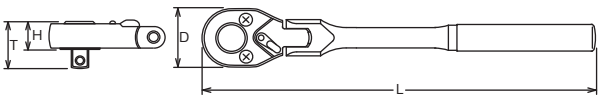
3774JBL

Flex-Head Ratchet with Head Lock Button and Quick Release Button
Gelenk-Knarre, mit feststellbarem Gelenk und Verriegelungsknopf
Cliquet à tête articulée avec bouton de blocage et de débrayage

S.O.D.H-System | Two-Step Dog | 24 | Quick Release | Flexible Head | OVAL Shank

* Renewal Kits → 3753BRK ➡P286





	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3774JBL	30.5	26.4	15.7	285	367	1

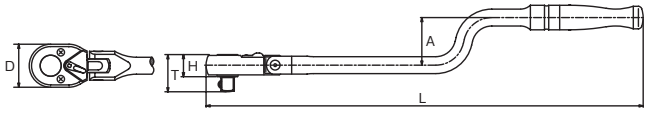
⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

3774P-SR

Speeder Ratchet
Kurbel-Knarre
Vilebrequin à cliquet

S.O.D.H-System | Two-Step Dog | 24 | Flexible Head

* Renewal Kits → 3753RK ➡P286



	D (mm)	T (mm)	H (mm)	A (mm)	L (mm)	(g)	(pce.)
3774P-SR	30.5	26.4	15.7	34	310	435	1

3776J

Swivel Head Ratchet
Schwenkkopf-Knarre
Cliquet à tête pivotante

Swivel Head | L/R Marking | 45

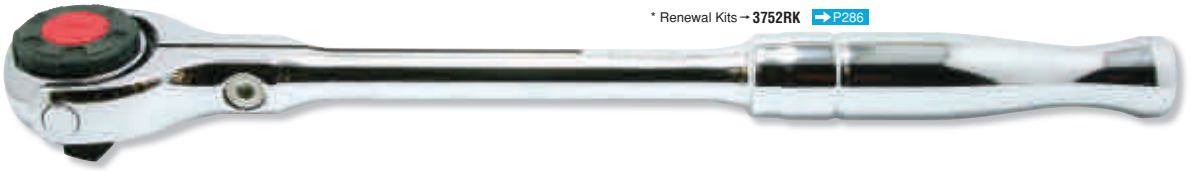
* Renewal Kits → 3752RK ➡P286

3776P

Swivel Head Ratchet
Schwenkkopf-Knarre
Cliquet à tête pivotante

Swivel Head | L/R Marking | 45

* Renewal Kits → 3752RK ➡P286

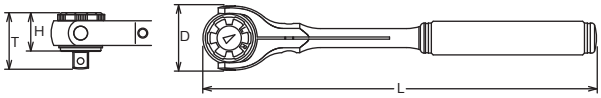


3776N

Swivel Head Ratchet
Schwenkkopf-Knarre
Cliquet à tête pivotante

Swivel Head | L/R Marking | 45

* Renewal Kits → 3752RK ➡P286

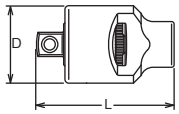


	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3776J	44	34.3	23.9	280	510	1
3776P	44	34.3	23.9	280	560	1
New 3776N	44	34.3	23.9	280	565	1

45

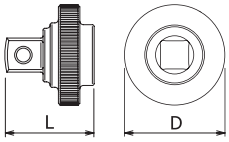
* Renewal Kits → 3755RK P288

3755 Ratchet Adaptor
Aufsteckknarre
Cliquet adaptable



	D (mm)	L (mm)	(g)	(pcs.)
3755	30.5	55	146	5

3756 Quick Spinner
Rändel-Drehscheibe
Lanceur



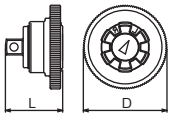
	D (mm)	L (mm)	(g)	(pcs.)
3756	30.5	25.5	47	10

L/R Marking

45

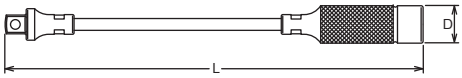
* Renewal Kits → 3752RK P286

3757 Ratchet Wheel
Umstellbares Knarren-Handrad
Cliquet réversible à roue



	D (mm)	L (mm)	(g)	(pcs.)
3757	50	35	155	5

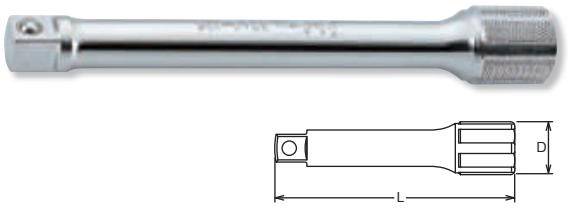
3762 Flexible Extension Bar
Biegsame Verlängerung
Rallonge flexible



	D (mm)	L (mm)	(g)	(pcs.)
3762	19.3	300	178	2

3760-32/-50/-75/-125/-150/-250/-300/ -400/-500/-600/-900/-1000

Extension Bars
Verlängerungen
Rallonges



3760	D (mm)	L (mm)	(g)	(pcs.)
32	18	32	27	10
50	18	50	47	10
75	18	75	68	10
125	18	125	106	10
150	18	150	125	10
250	18	250	196	5
300	18	300	291	2
400	18	400	365	1
500	18	500	490	1
600	18	600	538	1
900	18	900	805	1
1000	18	1000	968	1

PK3760/6

Extension Set in Plastic Box
Verlängerungen in Kunststoffkassette
Jeu de rallonges en boîte plastique

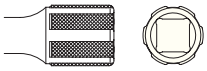
PK3760/6 — 6 Pieces Set/=670g

PLASTIC TRAY

Extension Bars

3760 Extension Bars
32, 50, 75, 125, 150, 250

Rotation and general handling of extensions with oily hands is greatly improved with the Koken developed 6 point knurling. Also the Koken 6 point knurling stops the extensions from rolling around the work area.

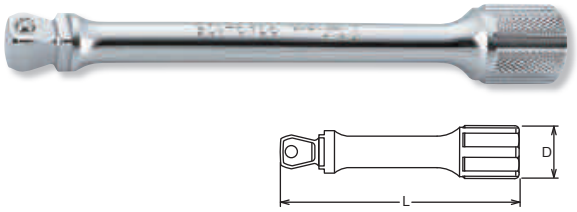


Durch die von Koken entwickelte 6 fache Rändelung wird die Handhabung deutlich erleichtert. Außerdem wird das Herumrollen der Verlängerungen wirksam verhindert.

La manipulation des rallonges est grandement facilitée par le profil moleté développé par Koken. Ce méme profile empèche le roulement intempestif des rallonges sur le plan de travail.

3763-32/-50/-75/-125/-150/-250/-300

Wobble-Fix Extension Bars
Winkel-Verlängerungen
Rallonges angulaires



Wobble-Fix

3763	D (mm)	L (mm)	(g)	(pcs.)
32	18	32	26	10
50	18	50	42	10
75	18	75	57	10
125	18	125	80	10
150	18	150	98	10
250	18	250	144	5
300	18	300	170	2

PK3763/6

Wobble-Fix Extension Bars in Plastic Box
Winkel-Verlängerungen in Kunststoffkassette
Jeu de rallonges angulaires en boîte plastique

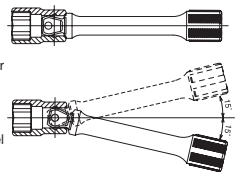
PK3763/6 — 6 Pieces Set/=560g

PLASTIC TRAY

Extension Bars

3763 Wobble-Fix Extension Bars
32, 50, 75, 125, 150, 250

Wobble-Fix Extension Bar
Two way usage
a) In a fixed position, as a normal extension bar
b) In a half-fixed position, as a flexible extension bar providing a 15° angle operation



Winkel-Verlängerungen
Winkelverlängerungen lassen sich in zwei Einstellungen verwenden
a) voll eingesteckt und starr,
b) halb eingesteckt, mit einem Arbeitswinkel von 15°.

Rallonges angulaires
Deux utilisations possibles
a) comme rallonge normale, dans une position fixe
b) comme une rallonge angulaire avec une possibilité d'inclinaison jusqu'à 15°

The Wobble-Fix Extension Bar has less strength than normal extension bar due to it's specific design with a reduced square drive. Make sure to use it correctly.

3768J-250

Hinge Handle
Gelenkgriff
Poignée articulée

OVAL Shank

* Renewal Kits → 3768RK P288

3768P-250

Hinge Handle
Gelenkgriff
Poignée articulée

OVAL Shank

* Renewal Kits → 3768RK P288

3768P-380

Hinge Handle
Gelenkgriff
Poignée articulée

* Renewal Kits → 3768RK P288

	D (mm)	L (mm)	(g)	(pcs.)
3768J-250	20.5	250	248	2
3768P-250	20.5	250	275	5
3768P-380	20.5	380	435	2

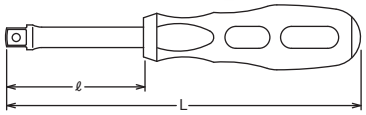
3768-380 have longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

Der Gelenkgriff 3768-380 ist länger als die Standardversion. Aus Gründen Ihrer Sicherheit, sollten dies Werkzeug nie ruckartig sondern nach und nach belastet werden, um Bruch und damit verbundene, mögliche Verletzungen zu vermeiden.

Dû au fait que les manches des 3768-380 sont plus longues que le standard, il y a risque d’une surcharge excessive lors du serrage. Pour éviter casse et blessure, veuillez serrer d’une façon régulière et progressive.

3769N-160/-230

Spin Type Handle
Drehgriff
Poignée emmanchée

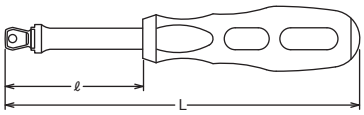


3769N	ℓ (mm)	L (mm)	(g)	(pcs.)
160	50	160	96	2
230	120	230	126	2

3769NWF-160/-230

Spin Type Handle Wobble-Fix
Drehgriff, Wobble-Fix
Poignée emmanchée, angulaire

Wobble-Fix



3769NWF	ℓ (mm)	L (mm)	(g)	(pcs.)
160	50	160	96	2
230	120	230	126	2

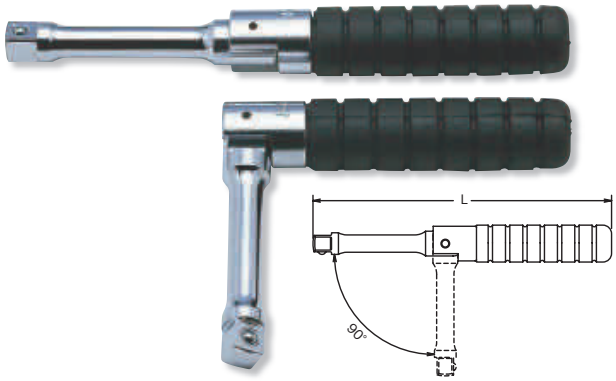
Plastic or rubber handles are not intended to act as insulation.

Plastik-oder Gummigriffe stellen keinen Isolierschutz dar.

Les poignées en plastique ou en caoutchouc ne garantissent aucune isolation électrique.

3769H

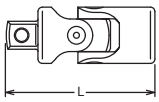
Folding Socket Driver
Klapp-Drehgriff
Poignée tournevis articulée

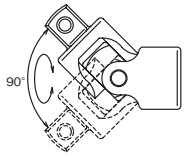


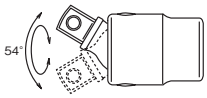
	L (mm)	(g)	(pcs.)
3769H	170	210	2

3/8”

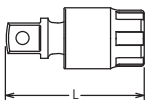
3770 Universal Joint / Gelenk-Einsatz / Cardan universel





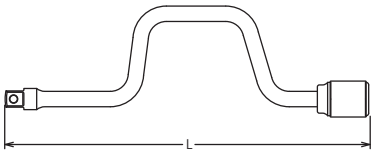


3771 Universal Joint / Gelenk-Einsatz / Cardan universel



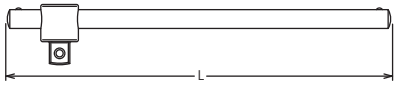
	L (mm)	(g)	(pcs.)
3770	50	66	10
3771	43	46	10

3780 Speed Handle / Winde / Vilebrequin



	L (mm)	(g)	(pce.)
3780	400	432	1

3785 T-Handle / T-Griff / Poignée coulissante



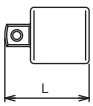
OVAL Shank

Innovative Oval shaped bar provides higher durability and stops the sliding square part turning around the bar.

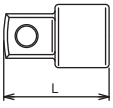
	L (mm)	(g)	(pcs.)
3785	200	157	5

3322A Adaptor / Verbindungsstück / Augmentateur

Warranty 86Nm / Garantie 86Nm / Garantie 86Nm



3344A Adaptor / Verbindungsstück / Augmentateur



	凹 (sq)	凸 (sq)	L (mm)	(g)	(pcs.)
3322A	3/8"	1/4"	24	18	10
3344A	3/8"	1/2"	30	35	10

Adapting down from bigger square drive to smaller square drive may lead to excessive torque and possibly cause breakage.

Reduzierstücke sind mit Vernunft einzusetzen.
Es besteht Bruchgefahr. Überschreiten Sie niemals die Sicherheitsgrenzen.

Les réducteurs doivent être utilisés avec modération. Ne dépassez jamais la limites de sécurité.

PK2346/6 Adaptor Set in Plastic Box / Adaptor Satz in Kunststoffkassette / Jeu de adaptateur en boîte plastique

2233A	1/4" X 3/8"	
3322A	3/8" X 1/4"	Warranty/Garantia 86Nm
3344A	3/8" X 1/2"	
4433A	1/2" X 3/8"	Warranty/Garantia 290Nm
4466A	1/2" X 3/4"	
6644A	3/4" X 1/2"	Warranty/Garantia 668Nm

PK2346/6 — 6 Pieces Set/⚖=460g

PLASTIC TRAY

Adaptors

1/4"凹→3/8"凸 2233A	3/8"凹→1/4"凸 3322A
3/8"凹→1/2"凸 3344A	1/2"凹→3/8"凸 4433A-35
1/2"凹→3/4"凸 4466A	3/4"凹→1/2"凸 6644A

ESH3001

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

ESH3001	17 Pieces Set/⚖=2,200g

METAL CASE:W415×H120×T50mm

Sockets	Accessories
3410M Surface Drive Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	**3753J** **3760-125** **3760-250** **3770** **3785**

ETH3001

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

ETH3001	22 Pieces Set/⚖=1,820g

METAL CASE:W392×H90×T50mm

Sockets	Accessory
3425 TORX® Sockets E4, E5, E6, E7, E8 **4425** TORX® Sockets E10, E11, E12, E14, E16, E18 **3025.50** TORX® Bit Sockets T10, T15, T20, T25, T27 **4025.60** TORX® Bit Sockets T30, T40, T45, T50, T55	**4433A-35**

3201AMW

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

New | 3201AMW | 42 Pieces Set/⚖=4,700g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
3405M 12-pt. Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 **3405A** 12-pt. Sockets 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8 **3405W** 12-pt. Sockets 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2	**3753N** **3760-75** **3760-125** **3760-250** **3768N-250** **3769N-160** **3770** **3780** **3785** **3344A**

3206AM

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3206AM	27 Pieces Set/⚖=3,500g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
3405M 12-pt. Sockets 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22 **3405A** 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8,11/16, 3/4, 13/16, 7/8 **3300C** Spark Plug Socket 20.8	**3753J** **3760-125** **3760-250** **3768J-250** **3770**

3210M-00 / 3210A-00
3210M-05
3210M-10

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3210M-00	22 Pieces Set/⚖=2,900g
3210M-05	22 Pieces Set/⚖=2,900g
3210M-10	22 Pieces Set/⚖=2,900g

METAL CASE:W360×H145×T50mm

Sockets	Accessories
(3210M-00) **3400M** 6-pt. Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 (3210M-05) **3405M** 12-pt. Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 (3210M-10) **3410M** Surface Drive Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22	**3753J** **3760-125** **3760-250** **3768J-250** **3770** **3785**

3210A-00	18 Pieces Set/⚖=2,760g

METAL CASE:W360×H145×T50mm

Sockets	Accessories
3400A 6-pt. Sockets 1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8	**3753J** **3760-125** **3760-250** **3768J-250** **3770** **3785**

3216

Spark Plug Sockets Set
Zündkerzen-Schlüssel Satz
Jeu de douilles pour bougies

3216	4 Pieces Set/=730g

PLASTIC BAG

Sockets	Accessories
3300C Spark Plug Sockets 16, 20.8	**3760-125** **3774JL**

3217M-00
3217M-05
3217M-10

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3217M-00	14 Pieces Set/=850g
3217M-05	14 Pieces Set/=850g
3217M-10	14 Pieces Set/=850g

METAL CASE:W163×H52×T33mm

Sockets
(3217M-00) **3400M** 6-pt. Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
(3217M-05) **3405M** 12-pt. Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
(3217M-10) **3410M** Surface Drive Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22

S3240M-00 / S3240A-00
S3240M-05 / S3240A-05

Display Stands
Ausstellungsständer
Présentoirs

S3240M-00	3400M 177 Pieces Set/=10,300g
S3240M-05	3405M 177 Pieces Set/=10,300g

DISPLAY STAND:W510×H150×T230mm

Sockets		
6mm:12pcs	12mm:12pcs	18mm:8pcs
7mm:12pcs	13mm:11pcs	19mm:8pcs
8mm:12pcs	14mm:11pcs	20mm:7pcs
9mm:12pcs	15mm:10pcs	21mm:7pcs
10mm:12pcs	16mm: 9pcs	22mm:7pcs
11mm:12pcs	17mm: 9pcs	23mm:6pcs

S3240A-00	3400A 126 Pieces Set/=8,500g
S3240A-05	3405A 126 Pieces Set/=8,500g

DISPLAY STAND:W510×H150×T230mm

Sockets		
1/4" :12pcs	9/16":10pcs	25/32":7pcs
5/16":12pcs	19/32":10pcs	13/16":7pcs
3/8" :12pcs	5/8" : 9pcs	7/8" :7pcs
7/16":12pcs	11/16": 9pcs	
1/2" :11pcs	3/4" : 8pcs	

3250M-00
3250M-05

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3250M-00	17 Pieces Set/=2,200g
3250M-05	17 Pieces Set/=2,200g

METAL CASE:W415×H120×T50mm

Sockets	Accessories
3400M 6-pt. Sockets 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	**3753J**
3405M 12-pt. Sockets 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	**3760-125** **3760-250** **3770** **3785**

3251

Bit Socket Set
Schraubendreher-Steckschlüssel Satz
Jeu de douilles de vissage

3251	8 Pieces Set/=675g

METAL CASE:W160×H100×T28mm

Sockets	Accessories
3025.50 TORX® Bit Sockets T25H, T30H, T40H, T45H, T50H	**2774PS-3/8** **3763-50** **3756**

3252M

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3252M	15 Pieces Set/=1,530g

METAL CASE:W310×H90×T48mm

Sockets	Accessories
3400M 6-pt. Sockets 5.5, 7, 8, 10, 11, 12 **3405M** 12-pt. Sockets 13, 14, 17, 19, 22	**3753P** **3760-75** **3760-125** **3770**

3275

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3275	24 Pieces Set/=3,150g

METAL CASE:W400×H147×T50mm

Sockets	Accessories
3400M 6-pt. Sockets 6, 7, 8, 9, 10, 11, 12 **3405M** 12-pt. Sockets 13, 14, 15, 16, 17, 18, 19, 21, 22 **3300C** Spark Plug Sockets 16, 20.8	**3753J** **3760-125** **3760-250** **3768J-250** **3770** **3756**

3277

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3277	29 Pieces Set/=3,240g

METAL CASE:W370×H150×T50mm

Sockets	Accessories
3400M 6-pt. Sockets 8, 9, 10, 11, 12 **3405M** 12-pt. Sockets 13, 14, 15, 16, 17, 18, 19, 21 **3300M** 6-pt. Deep Sockets 8, 9, 10, 11, 12 **3305M** 12-pt. Deep Sockets 13, 14, 15, 16, 17, 18, 19, 21	**3753J** **3760-125** **3768J-250**

3278

Bit Socket Set
Schraubendreher-Steckschlüssel Satz
Jeu de douilles de vissage

3278	20 Pieces Set/=3,370g

METAL CASE:W310×H150×T50mm

Sockets	Accessories
3000 Bit Sockets 2, 3 **3010M.62** Hex Bit Sockets 5, 6, 7, 8, 10 **3020.50** XZN Bit Sockets M4, M5, M6, M8 **3025.50** TORX® Bit Sockets T10, T15, T20, T25, T27, T30, T40	**3753J** **3763-125**

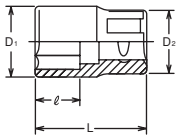
All socket sets can be supplied either with 6-pt. or wlth 12-pt. opening.
Alle Steckschlüsselsätze sind mit 6- oder 12-kant Steckschlüsseln erhältlich.
Tous les coffrets de douilles peuvent être livrés en 6- ou 12-pans.

1/2”

4401M

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

HANDY-ENDY®

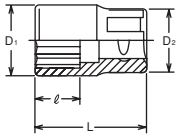


4401M 4406M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	13.2	22	8	36	44	10
9	13.8	22	8.5	37	44	10
10	15.3	22	9	37	45	10
11	16.5	22	9.5	37	46	10
12	17.8	22	10	37	47	10
13	19	22	10.5	37	53	10
14	20.3	22	11	37	56	10
15	21.5	22	11.5	37	52	10
16	22.8	22	12	37	62	10
17	24	22	12.5	37	69	10
18	25	23	13	37	74	10
19	26.5	24.5	14	38	89	10
20	27.8	26	15	38	92	10
21	29	27	15.5	38	102	10
22	30	28	16	40	113	10
23	31.5	29	16.5	40	128	10
24	32.8	30	17	42	140	5
25	34	31	18	42	164	5
26	35	32	19	42	165	5
27	36.5	33	19.5	43	196	5
28	37.8	34	20	43	198	5
29	39	35	20.5	43	190	5
30	40	36	22	46	222	5
31	41.5	37	22.5	46	257	5
32	42.8	38	23	46	250	5

4406M

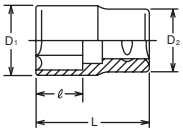
12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans

HANDY-ENDY®



4400M

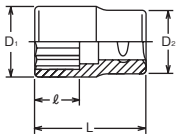
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



4400M 4405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
33	44.2	39	24	47	275	5
34	45.2	40	24	47	315	5
35	46.2	40	24	47	317	5
36	47.2	41	24	47	336	5
37	48.3	42	24	47	360	5
38	49.2	43	24	47	380	5
41	53.1	45	29	57	471	5
46	59.1	48	32	60	567	2

4405M

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



RS4401M/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4401M/10	10 Pieces Set/Rail 300mm	(g)
10, 11, 12, 13, 14, 15, 16, 17, 18, 19		720

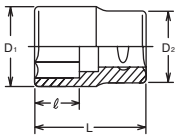
RS4406M/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4406M/10	10 Pieces Set/Rail 300mm	(g)
10, 11, 12, 13, 14, 15, 16, 17, 18, 19		720

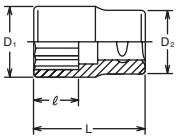
4400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



4405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



4400A 4405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5/16	13.2	21	8	36	44	10
3/8	14.6	21	9	37	45	10
7/16	16.5	21	9.5	37	46	10
1/2	19	22	10.5	37	53	10
9/16	20.3	22	11	37	56	10
19/32	21.5	22	11.5	37	52	10
5/8	22.8	22	12	37	62	10
21/32	24	23	12.5	37	69	10
11/16	25	24	13	37	74	10
3/4	26.5	25	14	38	89	10
25/32	27.8	26	15	38	92	10
13/16	29	27	15.5	38	102	10
7/8	30	28	16	40	113	10
15/16	32.8	30	17	42	140	5
31/32	34	31	18	42	165	5
1	35	32	19	42	165	5
1 1/16	36.5	33	19.5	43	180	5
1 1/8	39	35	20.5	43	210	5
1 3/16	40	36	22	46	222	5
1 1/4	42.8	38	23	46	250	5
1 5/16	44.2	39	24	47	275	5
1 3/8	46.2	40	24	47	317	5
1 7/16	47.2	41	24	47	336	5
1 1/2	49.2	43	24	47	380	5

Hand Sockets
Both, 6-pt. and 12-pt. openings, are equipped with Flat Drive Openings, transferring the turning power from the corners on the flanks of nuts and bolts.

Sowohl 6-kant als auch 12-kant Steckschlüssel bieten alle Vorteile der "Flat Drive" Öffnung, die die Greifzonen auf die Flächen von Schrauben und Muttern versetzt.

Aussi bien les douilles 6-pans que 12-pans présentent tous les avantages liés au profil FLATDRIVE qui applique la force de serrage aux faces de la vis ou de l'écrou.

RS4400A/10
RS4405A/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4400A/10	10 Pieces Set/Rail 300mm	(g)
3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16		809

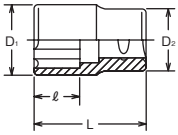
RS4405A/10	10 Pieces Set/Rail 300mm	(g)
3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16		809

	6-Point	12-Point	Surface Drive	Nut Grip®	TORX® (E)	TORXplus® (EPL)	Double Square	LHSTIX® (LH-S)
1/4"	No. **2400M/A** No. **2300M/A** No. **2400W-BA** No. **2300W-BA** No. **2300X** series	No. **2405M/A** No. **2305M/A** No. **AS2405A** No. **AS2305A** series	No. **2410M** No. **2310M** series	No. **2450MS** No. **2350M** No. **2350X** series	No. **2425** No. **2325** series	—	No. **2415M/A** series	—
3/8"	No. **3400M/A** No. **3300M/A** No. **3400W** No. **3300W** No. **3300X/XA** series	No. **3405M/A** No. **3305M/A** No. **3405W** No. **3305W** No. **3350X/XA** series	No. **3410M** No. **3310M** series	No. **3450M** No. **3350M** No. **3350X** series	No. **3425** No. **3325** series	—	No. **3415M/A** series	No. **3400LH** series
1/2"	No. **4400M/A** No. **4401M** No. **4300M/A** No. **4400W** series	No. **4405M/A** No. **4406M** No. **4305M/A** No. **4405W** series	No. **4410M** No. **4310M** series	No. **4450M** No. **4350M** series	No. **4425** No. **4325** series	No. **4425-EPL** series	—	No. **4400LH** series

1/2”

4410M

Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive



4410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	13.2	21	8	36	44	10
9	13.8	21	8.5	37	44	10
10	15.3	21	9	37	45	10
11	16.5	21	9.5	37	46	10
12	17.8	21	10	37	47	10
13	19	22	10.5	37	53	10
14	20.3	22	11	37	56	10
15	21.5	22	11.5	37	52	10
16	22.8	22	12	37	62	10
17	24	23	12.5	37	69	10
18	25	24	13	37	74	10
19	26.5	25	14	38	89	10
20	27.8	26	15	38	92	10
21	29	27	15.5	38	102	10
22	30	28	16	40	113	10
23	31.5	29	16.5	40	128	10
24	32.8	30	17	42	140	5
25	34	31	18	42	164	5
26	35	32	19	42	165	5
27	36.5	33	19.5	43	196	5
28	37.8	34	20	43	198	5
29	39	35	20.5	43	190	5
30	40	36	22	46	222	5
31	41.5	37	22.5	46	257	5
32	42.8	38	23	46	250	5
34	45.2	40	24	47	314	5

RS4410M/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4410M/10	10 Pieces Set/Rail 300mm	(g)
10, 11, 12, 13, 14, 15, 17, 19, 21, 22		717

SURFACE DRIVE

Surface drive sockets are designed to retain contact with the flat sides of the nut in order to transmit higher torque and reduce nut wear.
These sockets are ideal for using on polished nuts, aluminum nuts and nuts with worn out points.

Das Profil unserer Surface-Drive Steckschlüssel greift die Schraube an deren Flächen. Dies sichert eine höhere Kraftübertragung und verhindert ein Durchrutschen des Steckschlüssels. Diese Steckschlüssel eignen sich besonders für polierte Schrauben, Aluminium Schrauben und Schrauben bei denen die Ecken bereits abgerundet sind.

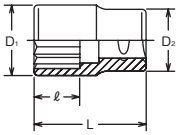
Notre profil Surface Drive assure le contact entre la douille et les plats de l'écrou. Ceci réduit l'usure et permet la transmission d'un couple plus élevé. C'est une solution idéale pour les écrous polies, celles en aluminium ou arrondies.

4400W

6-point Whitworth Sockets
6-kant Steckschlüssel , Whitworth
Douilles à 6-pans Whitworth

4405W

12-point Whitworth Sockets
12-kant Steckschlüssel , Whitworth
Douilles à 12-pans Whitworth



4400W 4405W (W)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3/16	16.5	21	9.5	37	46	10
1/4	19	22	10.5	37	54	10
5/16	21.5	22	11.5	37	54	10
3/8	25	24	13	37	73	10
7/16	29	27	15.5	38	87	10
1/2	31.5	29	16.5	40	133	10
9/16	35	32	19	42	165	5
5/8	37.8	34	20	43	191	5
11/16	40	36	22	46	222	5
3/4	44.2	39	24	47	280	5

RS4400W/8
RS4405W/8

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4400W/8	8 Pieces Set/Rail 250mm	(g)
3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8		860

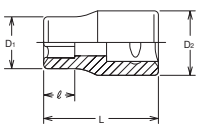
RS4405W/8	8 Pieces Set/Rail 250mm	(g)
3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8		860

BS W

BS・W	BS	3/16BS	1/4BS	5/16BS	3/8BS	7/16BS	1/2BS	9/16BS	5/8BS	11/16BS	3/4BS	7/8BS
	W	1/8W	3/16W	1/4W	5/16W	3/8W	7/16W	1/2W	9/16W	5/8W	11/16W	3/4W
Across Flat	(ref. mm)	8.64	11.30	13.34	15.24	18.03	20.83	23.37	25.65	27.94	30.48	33.35

4425-N

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



4425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E10N	13.2	21	8.2	36	47	10
E12N	14.6	21	9.3	37	48	10
E14N	16.5	21	10.6	37	50	10
E16N	19	22	11.8	37	60	10
E18N	20.3	22	13	37	60	10
E20N	22.8	22	14.4	37	65	10

TORX Socket for Nut and low profile bolt
Shallow Chamfer on Socket Opening

A : Flywheel bolt MR20 NISSAN: 4425-E20N
B : Cam sprocket FA20 for TOYOTA/SUBARU: 4425-E16N
C : Connecting rod bolt FA20 for TOYOTA/SUBARU: 4425-E14N

RS4425/6-N

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

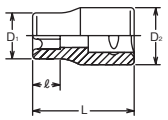
RS4425/6-N	6 Pieces Set/Rail 200mm	(g)
E10N, E12N, E14N, E16N, E18N, E20N		370

1/2”

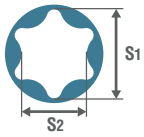
4425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®

4425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 8	10.7	21	7	36	41	10
E10	13.2	21	8.2	36	44	10
E11	13.8	21	8.7	37	45	10
E12	14.6	21	9.3	37	47	10
E14	16.5	21	10.6	37	48	10
E16	19	22	11.8	37	57	10
E18	20.3	22	13	37	57	10
E20	22.8	22	14.4	37	63	10
E22	25	24	15.5	37	78	10
E24	26.5	25	17	40	95	5



TORX® (E)



E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24	E26	E28
S1	(ref. mm)	3.7	4.6	5.6	6.1	7.4	9.3	9.9	11.0	12.8	14.6	16.5	18.3	20.1	22.0	23.7	25.5
S2	(ref. mm)	2.7	3.3	4.0	4.3	5.3	6.8	7.1	7.9	9.2	10.5	11.9	13.2	14.8	15.7	17.5	18.3

RS4425/7

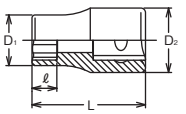
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4425/7	7 Pieces Set/Rail 200mm	(g)
E10, E12, E14, E16, E18, E20, E24		428

4425 (EPL)

TORX PLUS® Sockets
TORX PLUS® Steckschlüssel
Douilles TORX PLUS®

4425 (EPL)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10EPL	13.2	21	6.2	36	45	10
12EPL	14.6	21	7.2	37	47	10
14EPL	16.5	21	8.1	37	49	10
16EPL	19	22	9.2	37	60	10
18EPL	20.3	22	10.2	37	60	10
20EPL	22.9	22	11.2	37	65	10



RS4425/6-EPL

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4425/6-EPL	6 Pieces Set/Rail 200mm	(g)
10EPL, 12EPL, 14EPL, 16EPL, 18EPL, 20EPL		390

TORX PLUS
EP/EPL-style

TORX
E-style

Straight Sidewalls & Reduced Recess Fall Away

- **Increase tool engagement**
- **Virtually eliminates camout**
- **Ensures proper torque transfer**
- **Greatly reduces end load requirements**
- **Can reduce worker fatigue and muscular stress during manual assembly**

Elliptically-based Geometry and Lobe Engagement

- **Broadens contact surface to maximize engagement of driver and recess**
- **Eliminates damaging point-to-point contact**

0° Drive Angle

- **Optimises torque transmission**
- **Virtually eliminates radial stresses to increase tool bit life**
- **Enables use of recesses with thinner walls**

Six Lobes with Large Cross-Sectional Areas

- **Enables faster tool engagement**
- **Maximizes torque transfer**
- **Increases torsional strength**

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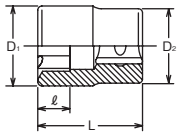
1/2”

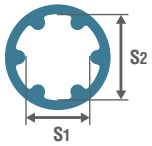
4400LH

LHSTIX® Sockets
Steckschlüssel mit LHSTIX® Profil
Douilles au profil LHSTIX®



4400LH (LH-S)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
6S	13.2	21	5.6	36	44	10
8S	16.5	21	6.8	37	46	10
10S	19	22	8	37	53	10
12S	22.8	22	9.2	37	62	10
14S	25	24	10.4	37	74	10
16S	29	27	11.6	38	102	10

LHSTIX®



LH-S		LH-5S	LH-6S	LH-8S	LH-10S	LH-12S	LH-14S	LH-16S
S1	(ref. mm)	5.6	6.8	9.0	11.3	13.6	15.8	18.1
S2	(ref. mm)	7.5	9.0	12.0	15.0	18.0	21.0	24.0

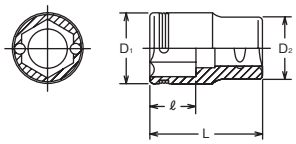
RS4400LH/6

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4400LH/6	6 Pieces Set/Rail 200mm	(g)
	6S, 8S, 10S, 12S, 14S, 16S	430

4450M

Nut Grip Sockets **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung
Douilles à billes de retenue



4450M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10	15.3	21	6	36	44	10
11	16.5	21	6.5	36	46	10
12	17.8	21	7	36	46	10
13	19	22	8	36	52	10
14	20.3	22	8.5	36	54	10
15	21.5	22	9	36	52	10
16	22.8	22	9	36	60	10
17	24	23	9.5	36	68	10
18	25	24	10.5	36	77	10
19	26.5	25	11.5	36	85	10
21	29	27	12	37	110	10
22	30	28	12.5	37	105	10
24	32.8	30	14.5	39	130	5
27	36.5	33	16.5	40	139	5

NUT GRIP®

Twin balls at the 6-point opening hold bolt/nut tightly for safe and reliable work.

Die zwei Kugeln in der 6-kant Öffnung unserer NUT GRIP Steckschlüssel halten die Schraube sicher im Steckschlüssel. Dies erlaubt ein Arbeiten auch an schwer zugänglichen Stellen.

Les 2 billes dans l'ouverture du 6-pans de la douille retiennent l'écrou de manière sûre et efficace.

RS4450M/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4450M/10	10 Pieces Set/Rail 300mm	(g)
	10, 11, 12, 13, 14, 15, 17, 19, 21, 22	717

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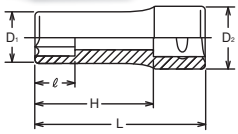
LHSTIX® est une marque déposée de **OSG CORPORATION** System Engineering Department.

4300M / 4300A

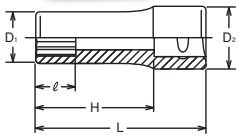
6-point Deep Sockets
6-kant Steckschlüssel, lang
Douilles longues, 6-pans



4300M 4305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	13.2	21	9	59	77	76	10
9	13.8	21	10	59	77	82	10
10	15.3	21	11	59	77	82	10
11	16.5	21	12	59	77	86	10
12	17.8	21	13	59	77	92	10
13	19	21.8	14	59	77	106	10
14	20.3	21.8	15	59	77	115	10
15	21.5	21.8	16	59	77	123	10
16	22.8	22	17	59	77	141	10
17	24	23	18	59	77	139	10
18	25	24	19	59	77	149	10
19	26.5	25	20	58	77	165	10
20	27.8	26	21	58	77	183	10
21	29	27	23	58	77	190	10
22	30	28	27	57	77	200	10
23	31.5	29	27	57	77	233	10
24	32.8	30	27	57	77	249	10
25	34	31	27	57	77	270	10
26	35	32	27	56	77	279	10
27	36.5	33	28	56	77	303	10
28	37.8	34	28	56	77	331	10
29	39	35	28	55	77	357	10
30	40	36	34	55	77	342	10
31	41.5	37	34	55	77	384	10
32	42.8	38	34	55	77	405	10
33	44.2	39	35	54	77	420	5
34	45.2	40	35	54	77	442	5
36	47.2	41	35	53	77	484	5
37	48.2	42	38	53	77	475	5
38	49	44	38	53	77	490	5

4305M / 4305A

12-point Deep Sockets
12-kant Steckschlüssel, lang
Douilles longues, 12-pans



4300A 4305A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
5/16	13.2	21	9	59	77	76	10
3/8	14.6	21	10	59	77	82	10
7/16	16.5	21	12	59	77	86	10
1/2	19	21.8	14	59	77	106	10
9/16	20.3	21.8	15	59	77	115	10
19/32	21.5	21.8	16	59	77	123	10
5/8	22.8	22	17	59	77	141	10
21/32	24	23	18	59	77	139	10
11/16	25	24	19	59	77	149	10
3/4	26.5	25	20	58	77	165	10
25/32	27.8	26	21	58	77	183	10
13/16	29	27	23	58	77	190	10
7/8	30	28	27	57	77	200	10
15/16	32.8	30	27	57	77	249	10
31/32	34	31	27	57	77	270	10
1	35	32	27	56	77	279	10
1. 1/16	36.5	33	28	56	77	303	10
1. 1/8	37.8	34	28	56	77	331	10
1. 3/16	40	36	34	55	77	342	10
1. 1/4	42.8	38	34	55	77	405	10
1. 5/16	44.2	39	35	54	77	420	5
1. 3/8	46.2	40	35	54	77	422	5
1. 7/16	47.2	41	35	53	77	484	5
1. 1/2	49	44	38	53	77	523	5
1.13/16	59	48	38	51	77	791	5

RS4300M/10	10 Pieces Set/Rail 300mm	(g)
10, 11, 12, 13, 14, 15, 17, 19, 21, 22		1,415

RS4305M/10	10 Pieces Set/Rail 300mm	(g)
10, 11, 12, 13, 14, 15, 17, 19, 21, 22		1,415

RS4300M/10
RS4305M/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4300M /12	12 Pieces Set/Rail 300mm	(g)
10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22		1,825

RS4300M/12

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4300A/10	10 Pieces Set/Rail 300mm	(g)
3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16		1,600

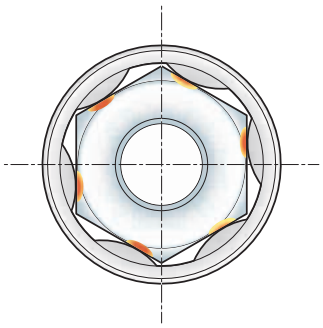
RS4305A/10	10 Pieces Set/Rail 300mm	(g)
3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16		1,600

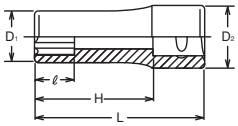
RS4300A/10
RS4305A/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

4310M

Surface Drive Deep Sockets
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive





4310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	13.2	21	9	59	77	79	10
9	13.8	21	10	59	77	82	10
10	15.3	21	11	59	77	82	10
11	16.5	21	12	59	77	86	10
12	17.8	21	13	59	77	92	10
13	19	21.8	14	59	77	106	10
14	20.3	21.8	15	59	77	115	10
15	21.5	21.8	16	59	77	123	10
16	22.8	22	17	59	77	141	10
17	24	23	18	59	77	139	10
18	25	24	19	59	77	149	10
19	26.5	25	20	58	77	165	10
20	27.8	26	21	58	77	183	10
21	29	27	23	58	77	190	10
22	30	28	27	57	77	200	10
23	31.5	29	27	57	77	233	10
24	32.8	30	27	57	77	249	10
25	34	31	27	57	77	270	10
26	35	32	27	56	77	279	10
27	36.5	33	28	56	77	303	10
28	37.8	34	28	56	77	334	10
29	39	35	28	55	77	357	10
30	40	36	34	55	77	342	10
31	41.5	37	34	55	77	384	10
32	42.8	38	34	55	77	405	10
34	45.2	40	35	54	77	442	5

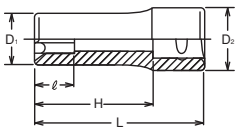
RS4310M/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4310M/10	10 Pieces Set/Rail 300mm	(g)
10, 11, 12, 13, 14, 15, 17, 19, 21, 22		1,415

4325

TORX® Deep Sockets
TORX® Steckschlüssel, lang
Douilles longues TORX®



4325 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
E 8	10.7	21	7	59	77	68	10
E10	13.2	21	8.2	59	77	80	10
E11	13.8	21	8.7	59	77	84	10
E12	14.6	21	9.3	59	77	99	10
E14	16.5	21	10.6	59	77	103	10
E16	19	21.8	11.8	59	77	107	10
E18	20.3	21.8	13	59	77	118	10
E20	22.8	22	14.4	59	77	141	10
E24	26.6	25	17	59	77	215	10

RS4325/7

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4325/7	7 Pieces Set/Rail 200mm	(g)
E10, E12, E14, E16, E18, E20, E24		900

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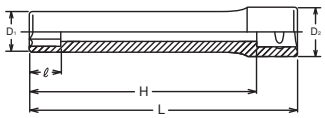
4300M (L120)

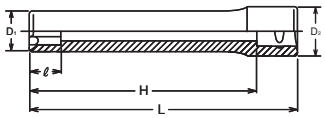
6-point Extra Deep Sockets
6-kant Steckschlüssel,extra lang
Douilles extra longues 6-pans



4300M(L120) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	13.2	21	9	102	120	120	5
10	15.3	21	11	102	120	138	5
12	17.8	21	13	102	120	157	5
14	20.3	21.8	15	102	120	193	5
16	22.8	22	17	102	120	210	5

4325 (L140)

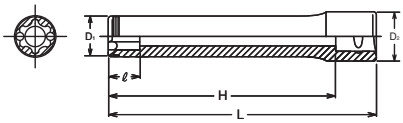
TORX® Extra Deep Sockets
TORX® Steckschlüssel, extra lang
Douilles extra longues TORX®



4325(L140)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
E 8	10.7	21	7	122	140	110	5
E10	13.2	21	8.2	122	140	140	5
E12	14.6	21	9.3	122	140	160	5
E14	16.5	21	10.6	122	140	180	5

4325 (L140)-2B

TORX® Sockets **Nut Grip®**
TORX Steckschlüssel mit 2-facher Kugelhalterung
Douilles Torx à deux billes de retenue

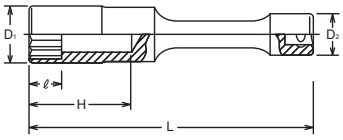


4325(L140) (2B)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
E 8(2B)	10.7	21	6.6	122	140	110	5
E10(2B)	13.2	21	7.4	122	140	140	5
E12(2B)	14.6	21	9	122	140	160	5
E14(2B)	16.5	21	9.8	122	140	180	5

For Cylinder head bolt

4117M-125/-250

Extended Sockets
Schaftsteckschlüssel
Douilles rallongées



4117M-125 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)
13	18.7	24	13	59	125	213	1
14	20.2	24	14	59	125	227	1
17	24	24	17	59	125	274	1
19	26.9	24	19	59	125	279	1
21	28.5	24	21	59	125	291	1
22	30	24	22	59	125	323	1
24	32	24	24	59	125	361	1
27	36.5	24	27	59	125	439	1
30	40	24	30	59	125	461	1
32	42	24	32	59	125	498	1

4117M-250 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)
13	18.7	24	13	59	250	412	1
14	20.2	24	14	59	250	423	1
17	24	24	17	59	250	469	1
19	26.9	24	19	59	250	484	1
21	28.5	24	21	59	250	496	1
22	30	24	22	59	250	516	1
24	32	24	24	59	250	560	1
27	36.5	24	27	59	250	641	1
30	40	24	30	59	250	663	1
32	42	24	32	59	250	698	1

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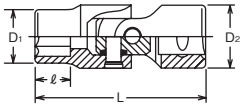
1/2”

4440M / 4440A

6-point Universal Sockets
6-kant Gelenk-Einsätze
Douilles articulées, 6-pans

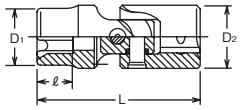


4440M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
9	14	25	8.3	63	150	10
10	15.3	25	8.8	63	155	10
11	16.5	25	10	65	158	10
12	17.8	25	10.5	65	151	10
13	19	25	11.4	66	152	10
14	20.3	25	11.4	66	151	10
15	21.5	25	13	68	149	10
16	22.8	25	13	68	150	10
17	24	25	14	69	150	10
18	25.3	25	14	69	150	10
19	26.5	25	15	71	170	10
20	27.8	25	15	71	173	5
21	29	25	16	72	176	5
22	30.3	25	16	72	185	5

4440A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3/8	14.8	25	8.8	63	155	10
7/16	16.5	25	10	65	158	10
1/2	19	25	11.4	66	152	10
9/16	20.3	25	11.4	66	151	10
5/8	22.8	25	13	68	150	10
11/16	24.6	25	14	69	153	10
3/4	26.5	25	15	71	170	10
7/8	30.3	25	16	72	185	5

4440T

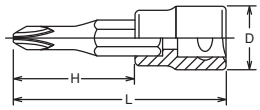
TORX® Universal Sockets
TORX® Gelenk-Einsätze
Douilles articulées, TORX®



4440T (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E10	13.2	25	8.2	62	145	10
E12	15	25	9.3	63	147	10
E14	16.3	25	10.6	65	148	10
E16	18.8	25	11.8	65	150	10
E18	20.4	25	13	67	153	10

4000-60 (PH)

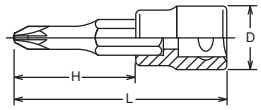
Phillips Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben, Phillips
Douilles tournevis pour vis à empreinte Phillips



4000 (PH)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
2	22	23.5	60	65	10
3	22	23.5	60	65	10
4	22	23.5	60	67	10

4000-60 (PZ)

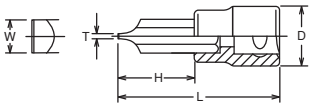
PZ Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben,PZ
Douilles tournevis pour vis à empreinte PZ



4000-60 (PZ)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
PZ2	22	23.5	60	65	10
PZ3	22	23.5	60	65	10

4005-60

Bit Sockets for Slotted Heads
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente



4005	T×W (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	1.2× 8	22	23.5	60	65	10
10	1.6×10	22	23.5	60	75	10
12	2.0×12	23	23.5	60	111	10
14	2.5×14	24	23.5	60	133	10
16	2.5×16	24	23.5	60	133	10

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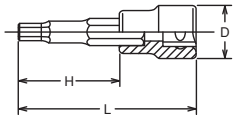
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

4010M-50/-75/-100/-160
4010A-60

Inhex Bit Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



4010M-50 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
4	22	13.5	50	61	10
5	22	13.5	50	62	10
6	22	13.5	50	64	10
7	22	13.5	50	65	10
8	22	13.5	50	66	10
10	22	13.5	50	75	10
12	23	13.5	50	105	10
13	24	13.5	50	120	10
14	24	13.5	50	120	10
16	25	15	50	150	10
17	25	15	50	150	10
18	27	15	50	200	5
19	27	15	50	200	5

4010M-75 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
4	22	38.5	75	69	10
5	22	38.5	75	70	10
6	22	38.5	75	72	10
7	22	38.5	75	73	10
8	22	38.5	75	74	10
10	22	38.5	75	92	10
12	23	38.5	75	130	10
13	24	38.5	75	150	10
14	24	38.5	75	150	10
16	25	35	75	180	10
17	25	35	75	180	10
18	27	33	75	230	5
19	27	33	75	230	5

4010M-100 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
4	22	63.5	100	77	10
5	22	63.5	100	78	10
6	22	63.5	100	80	10
7	22	63.5	100	82	10
8	22	63.5	100	84	10
10	22	63.5	100	109	10
12	23	63.5	100	155	10
13	24	63.5	100	180	5
14	24	63.5	100	180	5
16	25	60	100	250	5
17	25	60	100	250	5
18	27	58	100	300	5
19	27	58	100	300	5

4010M-160 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
4	22	123.5	160	103	10
5	22	123.5	160	104	10
6	22	123.5	160	106	10
7	22	123.5	160	108	10
8	22	123.5	160	110	10
10	22	123.5	160	126	10
12	23	123.5	160	180	5
14	24	123.5	160	260	5
17	25	120	160	360	5
19	27	118	160	415	5

	4010A-60 (inch)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**5/32**	22	23.5	60	57	10
New	**3/16**	22	23.5	60	57	10
New	**7/32**	22	23.5	60	59	10
New	**1/4**	22	23.5	60	63	10
New	**9/32**	22	23.5	60	65	10
New	**5/16**	22	23.5	60	67	10
New	**11/32**	22	23.5	60	75	10
New	**3/8**	22	23.5	60	76	10
New	**7/16**	23	23.5	60	101	10
New	**1/2**	24	23.5	60	124	10
New	**9/16**	25	20	60	127	10
New	**5/8**	25	20	60	174	10
New	**3/4**	27	18	60	220	5

RS4010M/10-L50	10 Pieces Set/Rail 300mm	(g)
	4, 5, 6, 7, 8, 10, 12, 14, 17, 19	968

RS4010M/10-L75	10 Pieces Set/Rail 300mm	(g)
	4, 5, 6, 7, 8, 10, 12, 14, 17, 19	1,207

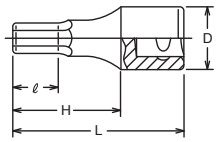
RS4010A/10-L60	10 Pieces Set/Rail 300mm	(g)
New	**3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4**	1,080

RS4010M/10-L50
RS4010M/10-L75
RS4010A/10-L60

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

4012M-43/-60/-75/-100

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



4012M-43 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
4	21.1	11.5	23	43	40	10
5	21.1	11.5	23	43	46	10
6	21.1	11.5	23	43	42	10
7	21.1	11.5	23	43	46	10
8	21.1	11.5	23	43	49	10
9	21.1	11.5	23	43	63	10
10	23	11.5	23	43	63	10
11	25	11.5	23	43	74	10
12	25	11.5	23	43	81	10
13	25	11.5	23	43	85	10
14	25	11.5	23	43	88	10
15	26	11.5	23	43	91	10
16	26	11.5	23	43	100	10
17	26	11.5	23	43	101	10
18	26	11.5	23	43	106	10
19	26	11.5	23	43	110	10
20	26	11.5	23	43	130	10
21	26	11.5	23	43	140	10
22	26	11.5	23	43	145	10
23	28	11.5	23	43	167	10
24	28	11.5	23	43	170	10
27	32	11.5	23	43	226	10

4012M-60 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
4	21.1	15.5	38	60	49	10
5	21.1	15.5	38	60	55	10
6	21.1	15.5	38	60	56	10
7	21.1	15.5	38	60	60	10
8	21.1	15.5	38	60	64	10
9	21.1	15.5	38	60	78	10
10	23	15.5	38	60	78	10
11	25	15.5	38	60	100	10
12	25	15.5	38	60	107	10
13	25	15.5	38	60	111	10
14	25	15.5	38	60	122	10
15	26	15.5	38	60	125	10
16	26	15.5	38	60	134	10
17	26	15.5	38	60	141	10
18	26	15.5	38	60	153	10
19	26	15.5	38	60	159	10
21	26	15.5	38	60	197	10
22	26	22.5	38	60	205	10
23	28	22.5	38	60	242	10
24	28	22.5	38	60	245	10

4012M-75 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
4	21.1	15.5	53	75	52	10
5	21.1	15.5	53	75	58	10
6	21.1	15.5	53	75	62	10
7	21.1	15.5	53	75	70	10
8	21.1	15.5	53	75	74	10
9	21.1	15.5	53	75	88	10
10	23	15.5	53	75	94	10
11	25	15.5	53	75	119	10
12	25	15.5	53	75	122	10
13	25	15.5	53	75	137	10
14	25	15.5	53	75	148	10
15	26	15.5	53	75	151	10
16	26	15.5	53	75	171	10
17	26	15.5	53	75	184	10
18	26	15.5	53	75	196	10
19	26	15.5	53	75	212	10

4012M-100 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
4	24	15.5	78	100	75	10
5	24	15.5	78	100	81	10
6	24	15.5	78	100	85	10
7	24	15.5	78	100	93	10
8	24	15.5	78	100	97	10
9	24	15.5	78	100	111	10
10	24	15.5	78	100	117	10
11	24	15.5	78	100	142	10
12	24	15.5	78	100	143	10
13	24	15.5	78	100	158	10
14	24	15.5	78	100	169	10
15	24	15.5	78	100	172	10
16	24	15.5	78	100	192	5
17	24	15.5	78	100	215	5
18	24	15.5	78	100	227	5
19	24	15.5	78	100	243	5

RS4012M/10-L60

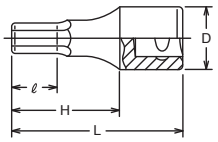
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4012M/10-L60	10 Pieces set/Rail 300mm	(g)
4, 5, 6, 7, 8, 10, 12, 14, 17, 19		910

4012M/A are for hand use only.
Do not use with a power or impact wrench.
Nicht auf Maschinenschraubern verwenden.
À ne pas utiliser sur des machines

4012A-43/-60/-75/-100

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



4012A-43 (inch)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
5/32	21.1	11.5	23	43	40	10
3/16	21.1	11.5	23	43	46	10
7/32	21.1	11.5	23	43	42	10
1/4	21.1	11.5	23	43	43	10
9/32	21.1	11.5	23	43	46	10
5/16	21.1	11.5	23	43	49	10
11/32	21.1	11.5	23	43	63	10
3/8	23	11.5	23	43	59	10
7/16	25	11.5	23	43	74	10
1/2	25	11.5	23	43	85	10
9/16	25	11.5	23	43	88	10
5/8	26	11.5	23	43	100	10
3/4	26	11.5	23	43	110	10

4012A-60 (inch)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
5/32	21.1	15.5	38	60	49	10
3/16	21.1	15.5	38	60	55	10
7/32	21.1	15.5	38	60	56	10
1/4	21.1	15.5	38	60	57	10
9/32	21.1	15.5	38	60	60	10
5/16	21.1	15.5	38	60	64	10
11/32	21.1	15.5	38	60	78	10
3/8	23	15.5	38	60	74	10
7/16	25	15.5	38	60	100	10
1/2	25	15.5	38	60	111	10
9/16	25	15.5	38	60	122	10
5/8	26	15.5	38	60	134	10
3/4	26	15.5	38	60	159	10

4012A-75 (inch)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
5/32	21.1	15.5	53	75	52	10
3/16	21.1	15.5	53	75	58	10
7/32	21.1	15.5	53	75	62	10
1/4	21.1	15.5	53	75	65	10
9/32	21.1	15.5	53	75	70	10
5/16	21.1	15.5	53	75	74	10
11/32	21.1	15.5	53	75	88	10
3/8	23	15.5	53	75	86	10
7/16	25	15.5	53	75	119	10
1/2	25	15.5	53	75	137	10
9/16	25	15.5	53	75	148	10
5/8	26	15.5	53	75	171	10
3/4	26	15.5	53	75	212	10

4012A-100 (inch)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
5/32	24	15.5	78	100	75	10
3/16	24	15.5	78	100	81	10
7/32	24	15.5	78	100	85	10
1/4	24	15.5	78	100	88	10
9/32	24	15.5	78	100	93	10
5/16	24	15.5	78	100	97	10
11/32	24	15.5	78	100	111	10
3/8	24	15.5	78	100	109	10
7/16	24	15.5	78	100	142	10
1/2	24	15.5	78	100	158	10
9/16	24	15.5	78	100	169	10
5/8	24	15.5	78	100	192	5
3/4	24	15.5	78	100	243	5

RS4012A/10-L60

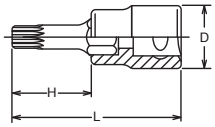
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4012A/10-L60	10 Pieces set/Rail 300mm	(g)
3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4		950

4012M/A are for hand use only.
Do not use with a power or impact wrench.
Nicht auf Maschinenschraubern verwenden.
À ne pas utiliser sur des machines

4020-60/-100/-120/-140

XZN Bit Sockets
Steckschlüssel für XZN Schrauben
Douilles tournevis pour empreinte XZN



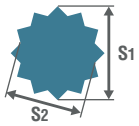
4020-60 (XZN)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	22	23.5	60	60	10
M 6	22	23.5	60	61	10
M 8	22	23.5	60	63	10
M10	23	23.5	60	93	10
M12	23	23.5	60	97	10
M14	24	23.5	60	105	10
M16	25	20	60	165	10
M18	27	20	60	215	5

4020-100 (XZN)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	22	63.5	100	77	10
M 6	22	63.5	100	78	10
M 8	22	63.5	100	80	10
M10	23	63.5	100	132	10
M12	23	63.5	100	136	10
M14	24	63.5	100	144	5
M16	25	60	100	250	5
M18	27	60	100	300	5

4020-120 (XZN)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	22	83.5	120	86	10
M 6	22	83.5	120	87	10
M 8	22	83.5	120	89	10
M10	23	83.5	120	152	10
M12	23	83.5	120	156	10
M14	24	83.5	120	164	5

4020-140 (XZN)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	22	103.5	140	95	10
M 6	22	103.5	140	96	10
M 8	22	103.5	140	98	10
M10	23	103.5	140	172	5
M12	23	103.5	140	176	5
M14	24	103.5	140	184	5

XZN



XZN		M4	M5	M6	M8	M10	M12	M14	M16	M18
S_1	(ref. mm)	3.6	4.8	6.1	7.3	9.7	11.5	13.3	15.7	16.9
S_2	(ref. mm)	3.1	4.1	5.1	6.1	8.1	9.7	11.2	13.2	14.2

RS4020/6-L60
RS4020/6-L100

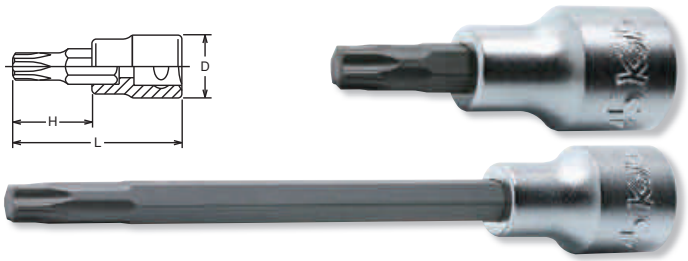
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4020/6-L60	6 Pieces Set/Rail 150mm	(g)
	M5, M6, M8, M10, M12, M14	500

RS4020/6-L100	6 Pieces Set/Rail 150mm	(g)
	M5, M6, M8, M10, M12, M14	680

4025-60/-100/-140 (T)

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®



4025-60 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T20	22	23.5	60	59	10
T25	22	23.5	60	60	10
T27	22	23.5	60	60	10
T30	22	23.5	60	60	10
T40	22	23.5	60	62	10
T45	22	23.5	60	64	10
T50	22	23.5	60	74	10
T55	23	23.5	60	96	10
T60	24	23.5	60	122	10
T70	24	23.5	60	135	10
New **T80**	24	20	60	168	10

4025-100 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T20	22	73.5	100	76	10
T25	22	73.5	100	76	10
T27	22	73.5	100	77	10
T30	22	73.5	100	77	10
T40	22	73.5	100	78	10
T45	22	73.5	100	80	10
T50	22	73.5	100	98	10
T55	23	73.5	100	132	10
T60	24	73.5	100	170	5
T70	24	73.5	100	175	5

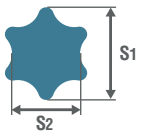
4025-140 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T20	22	103.5	140	94	10
T25	22	103.5	140	95	10
T27	22	103.5	140	95	10
T30	22	103.5	140	95	10
T40	22	103.5	140	97	10
T45	22	103.5	140	99	10
T50	22	103.5	140	129	10
T55	23	103.5	140	175	5
T60	24	103.5	140	229	5
T70	24	103.5	140	245	5
New **T80**	24	100	140	320	5

RS4025/9-L60	9 Pieces Set/Rail 250mm	(g)
T20, T25, T27, T30, T40, T45, T50, T55, T60		700

RS4025/9-L60

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

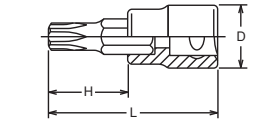
TORX® (T)



T		T8	T9	T10	T15	T20	T25	T27	T30	T40	T45	T50	T55	T60	T70	T80	T90	T100
S_1	(ref. mm)	2.3	2.5	2.7	3.3	3.9	4.5	5.0	5.6	6.7	7.9	8.9	11.3	13.3	15.6	17.6	20.0	22.2
S_2	(ref. mm)	1.7	1.8	2.0	2.3	2.8	3.2	3.6	4.0	4.8	5.6	6.2	8.0	9.5	11.1	12.7	14.2	15.8

4025-60/-100 (IP)

TORX PLUS® Bit Sockets
TORX PLUS® Bit-Steckschlüssel
Douilles tournevis,TORX PLUS®



4025-60 (IP)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
20IP	22	23.5	60	60	10
25IP	22	23.5	60	60	10
27IP	22	23.5	60	60	10
30IP	22	23.5	60	60	10
40IP	22	23.5	60	60	10
45IP	22	23.5	60	64	10
50IP	22	23.5	60	74	10
55IP	23	23.5	60	96	10
60IP	24	23.5	60	122	10
70IP	24	23.5	60	170	10

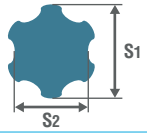
4025-100 (IP)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
40IP	22	63.5	100	79	10
45IP	22	63.5	100	81	10
50IP	22	63.5	100	100	10
55IP	23	63.5	100	133	10
60IP	24	63.5	100	172	5
70IP	25	63.5	100	241	5

RS4025/9-IP	9 Pieces set/Rail 250mm	(g)
20IP, 25IP, 27IP, 30IP, 40IP, 45IP, 50IP, 55IP, 60IP		700

RS4025/9-IP

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

TORX Plus® (IP)



IP		8IP	9IP	10IP	15IP	20IP	25IP	27IP	30IP	40IP	45IP	50IP	55IP	60IP	70IP
S_1	(ref. mm)	2.3	2.5	2.7	3.3	3.9	4.5	5.0	5.6	6.7	7.9	8.9	11.3	13.3	15.6
S_2	(ref. mm)	1.7	1.8	2.0	2.3	2.8	3.2	3.6	4.0	4.8	5.6	6.2	8.0	9.5	11.1

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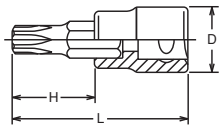
TORX PLUS® est une marque déposée de **Acument Intellectual Properties, LLC.**

4025-60-T35

Bit Socket
Bit-Steckschlüssel
Douille tournevis

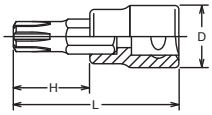


4025-60 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T35	22	23.5	60	96	10

For T35 Special screws

4027-60/-100/-140

Bit Sockets for Ribe Screws
Steckschlüsselklingen für Ribe Schrauben
Douilles tournevis pour écrous profil Ribe

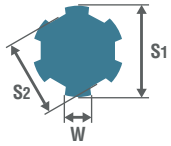


4027-60	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	22	23.5	60	60	10
M 6	22	23.5	60	62	10
M 7	22	23.5	60	63	10
M 8	22	23.5	60	64	10
M 9	22	23.5	60	70	10
M10	22	23.5	60	74	10
M12	23	23.5	60	96	10
M13	24	23.5	60	116	10
M14	24	23.5	60	122	10
M16	24	25	60	135	10

4027-100	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	22	63.5	100	67	10
M 6	22	63.5	100	68	10
M 7	22	63.5	100	75	10
M 8	22	63.5	100	81	10
M 9	22	63.5	100	90	10
M10	22	63.5	100	101	10
M12	23	63.5	100	134	10
M13	24	63.5	100	155	5
M14	24	63.5	100	173	5
M16	24	60	100	241	5

4027-140	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 8	22	103.5	140	98	10
M10	22	103.5	140	127	10
M12	23	103.5	140	171	5
M14	24	103.5	140	226	5
M16	24	100	140	320	5

Ribe CV



CV		M5	M6	M7	M8	M9	M10	M12	M13	M14	M16
W	(ref. mm)	1.2	1.3	1.4	1.8	2.0	2.3	2.6	3.1	3.2	3.6
S_1	(ref. mm)	5.0	6.0	7.0	8.0	9.0	10.0	12.0	13.0	14.0	16.0
S_2	(ref. mm)	3.8	4.5	5.0	6.0	7.1	7.4	9.0	11.0	10.4	11.9

RS4027/7-L60

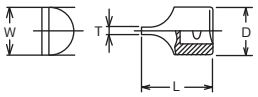
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4027/7-L60	7 Pieces set/Rail 200mm	(g)
	M5, M6, M8, M10, M12, M14, M16	600

4101

Sockets for Slotted Heads
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente

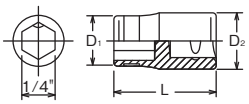
4101	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
1	2.7×18.6	22	40	59	10
2	3.7×24	24	40	79	10
3	3.7×30	30	40	128	10



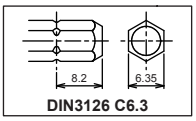
4137

Bit Holder
Klingenhalter
Porte-embouts

	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
4137	13	22	38	53	10



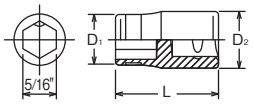
For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts



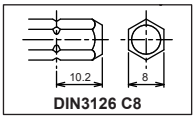
4138

Bit Holder
Klingenhalter
Porte-embouts

	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
4138	16	22	38	62	10



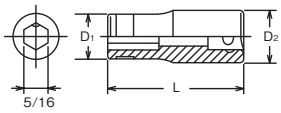
For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts



4141

Bit Holder, extra deep for 131P-80, 131S-80, 131T-80
Klingenhalter, extra tief für 131P-80, 131S-80, 131T-80
Porte embout, ouverture longue pour 131P-80, 131S-80, 131T-80

	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
4141	16	22	52	70	10



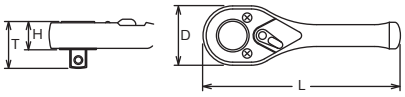
3749S-1/2

Reversible Ratchet Short
Knarre, verstellbar
Cliquet, réversible

* Renewal Kits → **3749SRK-1/2** ➔P287

3749SB-1/2

Reversible Ratchet short with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage ⚠



* Renewal Kits → **3749SBRK-1/2** ➔P287

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3749S-1/2	34	29	14.4	110	200	5
3749SB-1/2	34	29	14.4	110	200	5

⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

4752J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

* Renewal Kits → **4752RK** ➔P287

[L/R Marking]

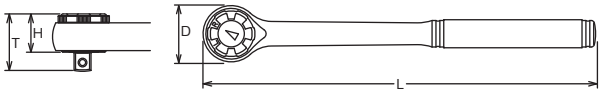
A pointer and L/R markings on the ratchet head Indicate the turning direction.
The reduced diameter of the head allows easier access in tight spots.

Eine L/R Markierung auf dem Knarrenkopf zeigt die gerade eingestellte Drehrichtung an. Der geringe Kopfdurchmesser erleichtert das Arbeiten auch an schwer zugänglichen Stellen.

Un marquage L/R sur la tête de cliquet indique le sens de rotation.
Le diamètre de tête réduit et facilite le travail dans les endroits difficilement accessibles.

4752N

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



		D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
	4752J	35	38.8	24.5	250	470	1
New	**4752N**	35	38.8	24.5	250	480	1

GEAR TEETH

4750J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

* Renewal Kits → 4750RK ➔P287

4750P

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

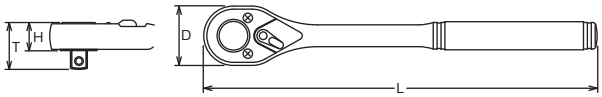
* Renewal Kits → 4750RK ➔P287

4750N

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

* Renewal Kits → 4750RK ➔P287

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4750J	38	35.9	21.3	250	508	1
4750P	38	35.9	21.3	250	553	1
New 4750N	38	35.9	21.3	250	548	1

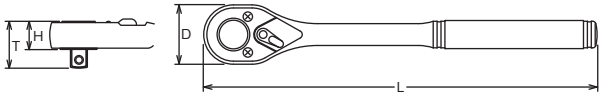


4750JB
4750PB
4750NB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage

* Renewal Kits → 4750BRK ➔P287

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4750JB	38	35.9	21.3	250	508	1
4750PB	38	35.9	21.3	250	553	1
New 4750NB	38	35.9	21.3	250	548	1



Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

[4750 series]

Two dogs are set in the same axis and the three teeth hold the ratchet gear.
The enlarged contact area produces an about 10% higher torque value and the S.O.D.H system provides smooth and light movements.

Die scharnierartig eingelagerten Sperrklinken haben jetzt jeweils drei Zähne im Eingriff. Die dadurch vergrösserte Greiffläche erhöht das maximale Drehmoment um ca. 10%. Auch diese Knarre besticht durch ihren leichten und geschmeidigen Lauf.

Les deux rochets étant placés sur le même axe, leś trois dents de l'engrenage sont engagées en permanence. Ce systême assure une augmentation de 10% du couple maximum admissible. Ce cliquet se caractérise également par son fonctionnement souple et sans à-coup.

1/2”

4753J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.H-System | Two-Step Dog | 24

* Renewal Kits → **4753RK** ➔P287

4753P

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.H-System | Two-Step Dog | 24

* Renewal Kits → **4753RK** ➔P287

4753N

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.H-System | Two-Step Dog | 24

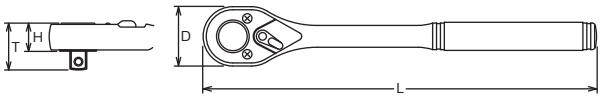
* Renewal Kits → **4753RK** ➔P287

D4753J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.H-System | Two-Step Dog | 24

* Renewal Kits → **4753RK** ➔P287



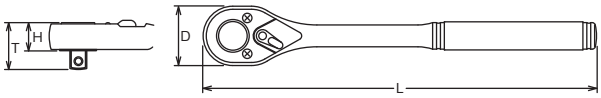
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4753J	38	36.2	21.6	250	545	1
4753P	38	36.2	21.6	250	570	1
New **4753N**	38	36.2	21.6	250	595	1
D4753J	38	36.2	21.6	250	510	1

4753JB
4753PB
4753NB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage ⚠

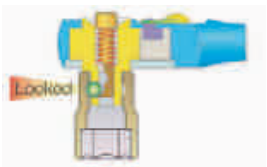
S.O.D.H-System | Two-Step Dog | 24 | Quick Release

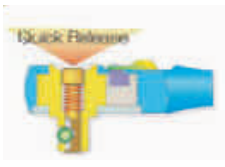
* Renewal Kits → **4753BRK** ➔P287



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4753JB	38	36.2	21.6	250	545	1
4753PB	38	36.2	21.6	250	570	1
New **4753NB**	38	36.2	21.6	250	595	1

⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.





Reversible Ratchet with Quick Release Button :
Sockets and accessories are safely locked. By pushing the button the sockets or extension bars are released from the ratchet.

Umstellbare Knarre mit Verriegelungsknopf :
Steckschlüssel und Zubehörteile werden sicher und fest gehalten. Bei Drücken des Knopfes lösen sich die Teile.

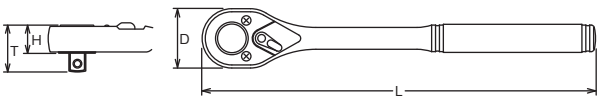
Cliquet réversible à verrouillage :
Les douilles et accessoires ne peuvent plus tomber. Une pression du pouce sur le bouton suffit pour les libérer.

4749J-380
4749N-380

Reversible Ratchet (long)
Verstellbare Knarre, lang
Cliquet réversible, long

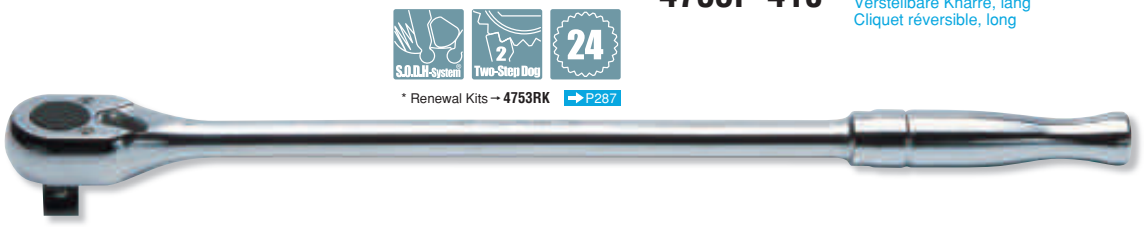
* Renewal Kits → 4749RK P287

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4749J-380	44.6	33	18.4	380	743	1
New 4749N-380	44.6	33	18.4	380	753	1



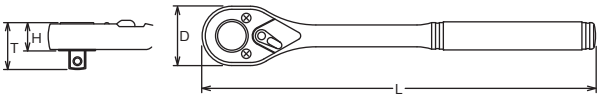
4753P-410

Reversible Ratchet (long)
Verstellbare Knarre, lang
Cliquet réversible, long



* Renewal Kits → 4753RK P287

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4753P-410	38	36.2	21.6	410	790	1

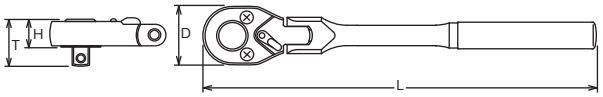


4774J
4774P
4774N

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet, articulé, réversible

* Renewal Kits → 4753RK P287

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4774J	38	36.2	21.6	330	685	1
4774P	38	36.2	21.6	330	700	1
New 4774N	38	36.2	21.6	330	700	1



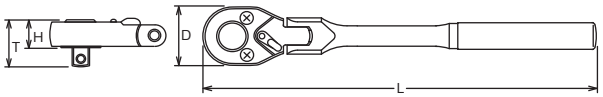
4774P-450

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet, articulé, réversible

* Renewal Kits → 4753RK P287

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4774P-450	38	36.2	21.6	450	790	1

⚠ 4774P-450 has longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

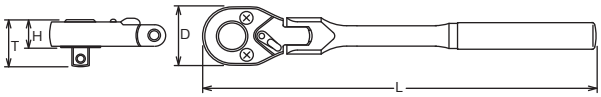


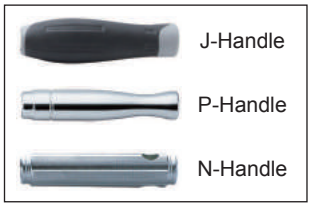
4774JB
4774PB
4774NB

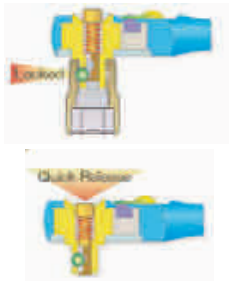
Flexible Ratchet, reversible with quick release button
Gelenk-Knarre, verstellbar mit Verriegelungsknopf
Cliquet, articulé, réversible avec bouton de débrayage

S.O.D.H.-System | Two-Step Dog | 24 | Quick Release | Flexible Head | OVAL Shank

* Renewal Kits → **4753BRK** ➔P287







	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4774JB	38	36.2	21.6	330	685	1
4774PB	38	36.2	21.6	330	700	1
New **4774NB**	38	36.2	21.6	330	700	1

Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

Reversible Ratchet with Quick Release Button :
Sockets and accessories are safely locked. By pushing the button the sockets or extension bars are released from the ratchet.

Umstellbare Knarre mit Verriegelungsknopf :
Steckschlüssel und Zubehörteile werden sicher und fest gehalten. Bei Drücken des Knopfes lösen sich die Teile.

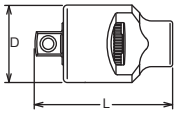
Cliquet réversible à verrouillage :
Les douilles et accessoires ne peuvent plus se libérer. Une pression du pouce sur le bouton suffit pour les extraire.

4755

Ratchet Adaptor
Aufsteckknarre
Cliquet adaptable

45

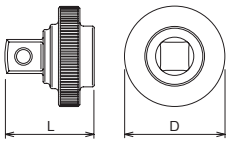
* Renewal Kits → **4755RK** ➔P288



	D (mm)	L (mm)	(g)	(pcs.)
4755	33.5	65	270	5

4756

Quick Spinner
Rändel-Drehscheibe
Lanceur



	D (mm)	L (mm)	(g)	(pcs.)
4756	38	34.5	95	10

4768J-380/-450

Hinge Handles
Gelenkgriffe
Poignées articulées

OVAL Shank

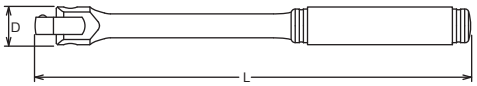
* Renewal Kits → **4768RK** ➔P288

4768P-380/-450

Hinge Handles
Gelenkgriffe
Poignées articulées

OVAL Shank

* Renewal Kits → **4768RK** ➔P288



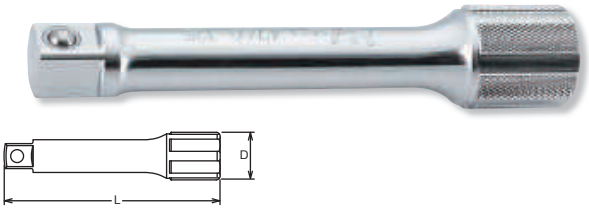
	D (mm)	L (mm)	(g)	(pcs.)
4768J-380	28	380	600	1
4768J-450	28	450	690	1
4768P-380	28	380	665	2
4768P-450	28	450	748	2

4768-450 has longer handle than standard, and can be loaded to excessive torque value. Please use carefully.

4760-50/-75/-100/-125/-150/-200/-250/ -300/-400/-500/-600/-900/-1000

Extension Bars
Verlängerungen
Rallonges

4760	D (mm)	L (mm)	(g)	(pcs.)
50	24	50	92	10
75	24	75	138	10
100	24	100	158	5
125	24	125	194	5
150	24	150	266	5
200	24	200	295	5
250	24	250	358	5
300	24	300	492	2
400	24	400	650	1
500	24	500	808	1
600	24	600	968	1
900	24	900	1430	1
1000	24	1000	1593	1



PK4760/5

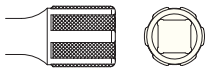
Extension Bars in Plastic Box
Verlängerungen in Kunststoff-Kassette
Rallonges en boîte plastique

PK4760/5 — 5 Pieces Set/⚖=1,050g
PLASTIC TRAY

Extension Bars

4760 Extension Bars
50, 75, 125, 150, 250

Rotation and general handling of extensions with oily hands is greatly improved with the Koken developed 6 point knurling. Also the Koken 6 point knurling stops the extensions from rolling around the work area.



Durch die von Koken entwickelte 6 fache Rändelung wird die Handhabung deutlich erleichtert. Außerdem wird das Herumrollen der Verlängerungen wirksam verhindert.

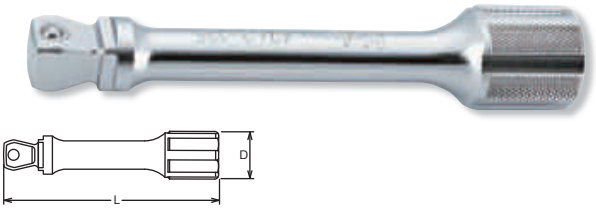
La manipulation des rallonges est grandement facilitée par le profil moleté développé par Koken. Ce même profile empêche le roulement intempestif des rallonges sur le plan de travail.

4763-50/-75/-125/-150/-250/-400

Wobble-Fix Extension Bars
Winkel-Verlängerungen
Rallonges angulaires

4763	D (mm)	L (mm)	(g)	(pcs.)
50	24	50	95	10
75	24	75	111	10
125	24	125	157	5
150	24	150	181	5
250	24	250	357	5
400	24	400	650	1

⚠ The Wobble-Fix Extension Bar has less strength than normal extension bar due to it's specific design with a reduced square drive. Make sure to use it correctly.



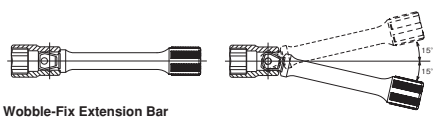
PK4763/5

Wobble-Fix Extension Bars in Plastic Box
Winkel Verlängerungen in Kunststoff-Kassette
Rallonges angulaires en boîte plastique

PK4763/5 — 5 Pieces Set/⚖=950g
PLASTIC TRAY

Extension Bars

4763 Wobble-Fix Extension Bars
50, 75, 125, 150, 250

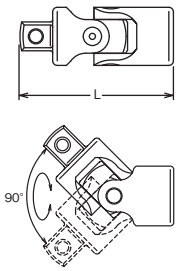


Wobble-Fix Extension Bar
Two way usage
a) In a fixed position, as a normal extension bar
b) In a half-fixed position, as a flexible extension bar providing a 15° angle operation

Winkel-Verlängerungen
Winkelverlängerungen lassen sich in zwei Einstellungen verwenden
a) voll eingesteckt und starr,
b) halb eingesteckt, mit einem Arbeitswinkel von 15°.

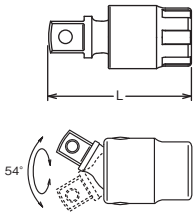
Rallonges angulaires
Deux utilisations possibles
a) comme rallonge normale, dans une position fixe
b) comme une rallonge angulaire avec une possibilité d'inclinaison jusqu'à 15°

4770
Universal Joint
Gelenk-Einsatz
Cardan universel



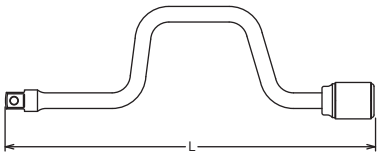
	L (mm)	(g)	(pcs.)
4770	62.4	150	10

4771
Universal Joint
Gelenk-Einsatz
Cardan universel



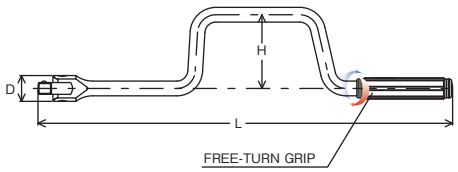
	L (mm)	(g)	(pcs.)
4771	57.7	113	10

4780-400
Speed Handle
Winde
Vilebrequin



	L (mm)	(g)	(pce.)
4780	400	644	1

4781N-450
Flexible Speed Handle
Gelenkgriff-Winde
Villebrequin



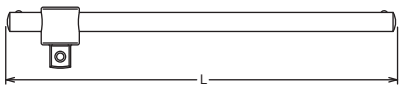
* Renewal Kits → **4768RK** P288

	D (mm)	H (mm)	L (mm)	(g)	(pce.)
4781N-450	28	80	450	1000	1

4785
T-Handle
T-Griff
Poignée coulissante

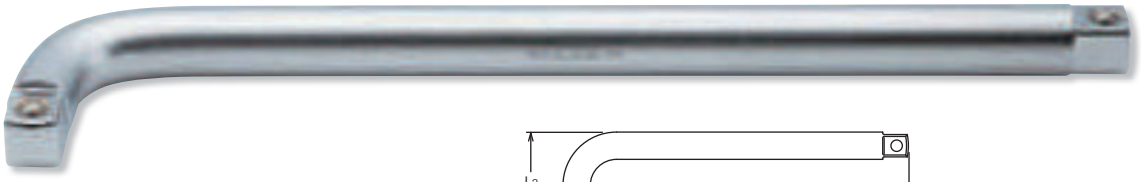
OVAL Shank

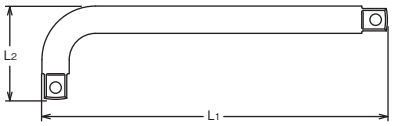
	L (mm)	(g)	(pcs.)
4785	300	410	2



4747

L-Handle
L-Griff
Poignées en L

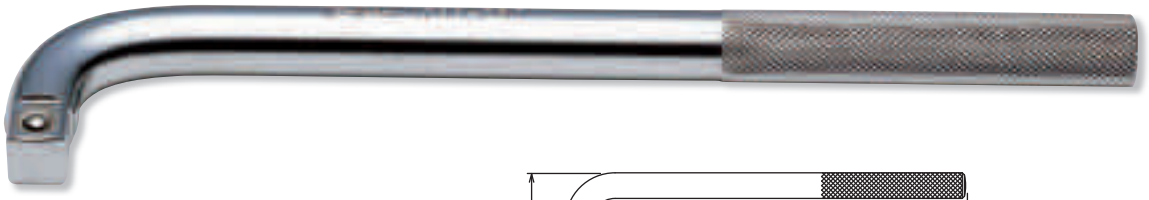


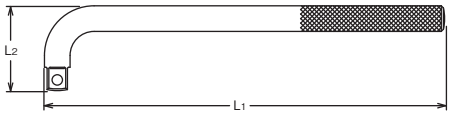


	L1 (mm)	L2 (mm)	(g)	(pce.)
4747	260	50	470	1

4788-250/-300/-450

L-Handles
L-Griffe
Poignées en L





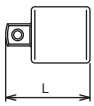
4788	L1 (mm)	L2 (mm)	(g)	(pcs.)
250	250	53	417	2
300	300	53	503	1
450	450	53	745	1

4433A-35/-75/-125/-250/-600

Adaptors
Verbindungsstücke
Réducteurs

Warranty 290Nm
Garantie 290Nm
Garantie 290Nm

4433A	(sq.)	(sq.)	L (mm)	(g)	(pcs.)
35	1/2"	3/8"	35	50	10
New **75**	1/2"	3/8"	75	120	10
125	1/2"	3/8"	125	164	5
250	1/2"	3/8"	250	275	5
600	1/2"	3/8"	600	530	1



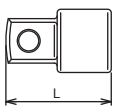
Items in this catalogue marked ⚠ can be loaded to torque values which may cause breakage.
In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastungen zu Bruch gehen. Aus Gründen Ihrer Sicherheit, sollten die betreffenden Werkzeuge nie ruckartig sondern nach und nach belastet werden, um Bruch und damit verbundene, mögliche Verletzungen zu vermeiden.

Il est possible d’appliquer aux articles marqués ⚠ des couples de serrage susceptibles d’occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d’une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

4466A

Adaptor
Verbindungsstück
Réducteurs



	(sq.)	(sq.)	L (mm)	(g)	(pcs.)
4466A	1/2"	3/4"	42	108	10

1/2”

4223M-01
4223M-06

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4223M-01	15 Pieces Set/⚖=2,600g
4223M-06	15 Pieces Set/⚖=2,600g

METAL CASE:W415×H120×T50mm

Sockets	Accessories
(4223M-01) **4401M** 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22	**4753J**
(4223M-06) **4406M** 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22	**4760-125**
	4770

4238AM

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

New 4238AM — 38 Pieces Set/⚖=8,050g

METAL CASE:W446×H266×T50mm

Sockets	Accessories
4405M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32	**4753N**
4405A 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4	**4760-125**
4300C Spark Plug Socket 20.8	**4760-250**
	4770
	4780
	4785

S4240M-01
S4240A-00
S4240M-06
S4240A-05

Display Stands
Ausstellungsständer
Présentoirs

S4240M-01	4401M 117 Pieces Set/⚖=13,000g
S4240M-06	4406M 117 Pieces Set/⚖=13,000g

DISPLAY STAND:W510×H150×T230mm

Sockets		
10mm:9pcs	16mm:9pcs	24mm:6pcs
11mm:9pcs	17mm:8pcs	27mm:5pcs
12mm:9pcs	19mm:7pcs	30mm:5pcs
13mm:9pcs	21mm:7pcs	32mm:4pcs
14mm:9pcs	22mm:6pcs	
15mm:9pcs	23mm:6pcs	

S4240A-00	4400A 103 Pieces Set/⚖=13,000g
S4240A-05	4405A 103 Pieces Set/⚖=13,000g

DISPLAY STAND:W510×H150×T230mm

Sockets		
3/8" :9pcs	11/16":8pcs	1" :5pcs
7/16":9pcs	3/4" :7pcs	1.1/16":5pcs
1/2" :9pcs	13/16":7pcs	1.1/8" :5pcs
9/16":9pcs	7/8" :6pcs	1.3/16":5pcs
5/8" :9pcs	15/16":6pcs	1.1/4" :4pcs

P4241M-01
P4241M-06

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

P4241M-01	28 Pieces Set/⚖=6,400g

METAL CASE:W425×H332×T65mm

Sockets	Accessories
4401M 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	**4753J**
	4760-125
	4760-250
	4768J-380
	4770
	4785

P4241M-06	28 Pieces Set/⚖=6,400g

METAL CASE:W425×H332×T65mm

Sockets	Accessories
4406M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	**4753J**
	4760-125
	4760-250
	4768J-380
	4770
	4785

4241M-01
4241M-06
4241M-10

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4241M-01	28 Pieces Set/=6,500g
4241M-06	28 Pieces Set/=6,500g
4241M-10	28 Pieces Set/=6,500g

METAL CASE:W446×H266×T50mm

Sockets	Accessories
(4241M-01) **4401M** 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	**4753J** **4760-125** **4760-250** **4768J-380** **4770** **4785**
(4241M-06) **4406M** 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	
(4241M-10) **4410M** Surface Drive Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	

4241A-00
4241A-05

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4241A-00	19 Pieces Set/=4,900g
4241A-05	19 Pieces Set/=4,900g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
(4241A-00) **4400A** 6-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4	**4753J** **4760-125** **4760-250** **4768J-380** **4770** **4785**
(4241A-05) **4405A** 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4	

4249M-01
4249M-06

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4249M-01	20 Pieces Set/=4,800g
4249M-06	20 Pieces Set/=4,800g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
(4249M-01) **4401M** 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30	**4753J** **4760-125** **4760-250** **4770** **4785**
(4249M-06) **4406M** 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30	

4250M-01
4250M-06
4250M-10

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4250M-01	18 Pieces Set/=4,700g
4250M-06	18 Pieces Set/=4,700g
4250M-10	18 Pieces Set/=4,700g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
(4250M-01) **4401M** 6-pt. Sockets 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	**4753J** **4760-125** **4760-250** **4770** **4785**
(4250M-06) **4406M** 12-pt. Sockets 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	
(4250M-10) **4410M** Surface Drive Sockets 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	

1/2”

4251M-01
4251M-06
4251M-10
4251A-00
4251A-05

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4251M-01	22 Pieces Set/≈3,200g
4251M-06	22 Pieces Set/≈3,200g
4251M-10	22 Pieces Set/≈3,200g
New 4251A-00	18 Pieces Set/≈2,700g
New 4251A-05	18 Pieces Set/≈2,700g

METAL CASE:W330×H68×T48mm

Sockets	
(4251M-01) **4401M** 6-pt. Sockets	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32
(4251M-06) **4406M** 12-pt. Sockets	
(4251M-10) **4410M** Surface Drive Sockets	
(4251A-00) **4400A** 6-pt. Sockets	3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 21/32, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4
(4251A-05) **4405A** 12-pt. Sockets	

4252M-01
4252M-06
4252M-10

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4252M-01	13 Pieces Set/≈1,200g
4252M-06	13 Pieces Set/≈1,200g
4252M-10	13 Pieces Set/≈1,200g

METAL CASE:W168×H60×T42mm

Sockets	
(4252M-01) **4401M** 6-pt. Sockets	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
(4252M-06) **4406M** 12-pt. Sockets	
(4252M-10) **4410M** Surface Drive Sockets	

4254

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4254	12 Pieces Set/≈1,070g

METAL CASE:W215×H80×T47mm

Sockets	Accessories
3425- E6, E8	**4763-50**
4425- E10, E12, E14	**4433A-35**
3325- E6, E8	
4325- E10, E12, E14	

4262M-01
4262M-06
4262M-10

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4262M-01	20 Pieces Set/≈4,400g
4262M-06	20 Pieces Set/≈4,400g
4262M-10	20 Pieces Set/≈4,400g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
(4262M-01) **4401M** 6-pt. Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27	**4753J**
(4262M-06) **4406M** 12-pt. Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27	**4760-125**
(4262M-10) **4410M** Surface Drive Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27	**4760-250**
	4770
	4785

4272AM-01
4272AM-06

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4272AM-01	29 Pieces Set/=5,000g
4272AM-06	29 Pieces Set/=5,000g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
(4272AM-01) **4401M** 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 **4400A** 6-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 (4272AM-06) **4406M** 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 **4405A** 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	**4753J** **4760-125** **4760-250** **4770** **4785**

4275

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4275	24 Pieces Set/=5,340g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
4406M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 **4300C** Spark Plug Sockets 16, 20.8 **4300M** Wheel Nut Sockets 17(L60), 19(L60), 21(L60)	**4750J** **4760-125** **4760-250** **4768J-380** **4770** **4785**

4276

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4276	17 Pieces Set/=2,890g

METAL CASE:W370×H150×T50mm

Sockets	Accessories
4010M.50 Bit Sockets 6, 7, 8, 10, 12, 14 **4025.60** TORX® Bit Sockets T20, T25, T27, T30, T40, T45, T50, T55, T60	**4752J** **4763-125**

4277

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

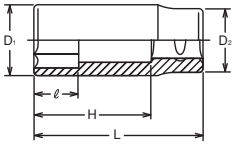
4277	27 Pieces Set/=5,660g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
4406M 12-pt. Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 **4305M** 12-pt. Deep Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	**4750J** **4760-125** **4768J-380**

6300M / 6300A

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



6300M 6305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
17	26	34	18	64	90	278	5
18	27	34	19	64	90	281	5
19	28.5	34	20	64	90	292	5
20	29.5	34	21	64	90	334	5
21	31	34	22	64	90	343	5
22	32	34	23	64	90	347	5
23	33.5	34	24	64	90	361	5
24	34.5	34	25	64	90	352	5
25	36	34	26	64	90	369	5
26	37	34	27	64	90	384	5
27	38.5	37	28	64	90	425	5
28	39.5	38	29	63	90	470	5
29	41	38	30	63	90	503	5
30	42	38	31	63	90	503	5
31	43.5	38	32	62	90	517	5
32	44.5	40	34	62	90	544	5
33	46	40	34	62	90	557	5
34	47	40	35	61	90	570	5
35	48.5	42	36	61	90	622	5
36	49.5	42	37	61	90	631	2
38	52	45	39	60	90	710	2
40	54.5	45	41	60	90	742	2
41	56	47	42	59	90	802	2
42	57	47	43	59	90	829	2
44	59.5	47	45	59	90	838	2
46	62	47	47	58	90	906	2
48	64.5	50	49	57	90	998	2
50	67	48	51	57	90	1005	2
52	69.5	53	49	—	100	1270	2
53	71	54	49	—	100	1338	2
54	72	55	49	—	100	1351	2
55	73.5	53	52	—	100	1388	2
56	74.5	53	52	—	100	1389	2
57	76	53	52	—	100	1467	2
58	77	53	52	—	100	1480	2
60	79.5	58	55	—	100	1626	2
63	83.5	58	55	—	100	1740	2

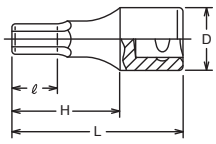
6305M / 6305A

12-point Deep Sockets
12-kant Steckschlüssel,lang
Douilles longues, 12-pans

6300A 6305A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
3/4	28.5	34	20	64	90	292	5
25/32	29.5	34	21	64	90	334	5
13/16	31	34	22	64	90	343	5
7/8	32	34	23	64	90	347	5
15/16	34.5	34	25	64	90	352	5
1	37	34	27	64	90	384	5
1. 1/16	38.5	37	28	64	90	425	5
1. 1/8	41	38	30	63	90	503	5
1. 3/16	42	38	31	63	90	503	5
1. 1/4	44.5	40	34	62	90	544	5
1. 5/16	46	40	34	62	90	557	5
1. 3/8	48.5	42	36	61	90	622	5
1. 7/16	51	42	38	61	90	656	2
1. 1/2	52	45	39	60	90	710	2
1. 9/16	54.5	45	41	60	90	742	2
1. 5/8	56	47	42	59	90	802	2
1.11/16	58.5	47	44	59	90	831	2
1. 3/4	59.5	47	45	59	90	838	2
1.13/16	62	47	47	58	90	906	2
2	68.5	52	52	57	90	1061	2
2. 1/16	71	54	49	—	100	1338	2
2. 1/8	72	55	49	—	100	1351	2
2. 3/16	74.5	53	52	—	100	1389	2
2. 1/4	76	53	52	—	100	1467	2
2. 5/16	78.5	53	52	—	100	1787	2
2. 3/8	79.5	58	55	—	100	1626	2
2. 7/16	82	58	55	—	100	1715	2

6012M-75

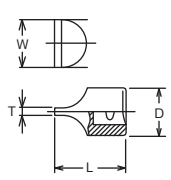
Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



6012M-75 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
12	35	15.5	40	75	253	10
14	35	15.5	40	75	265	10
15	35	15.5	40	75	271	10
16	35	15.5	40	75	285	10
17	35	15.5	40	75	292	10
18	35	15.5	40	75	302	10
19	35	15.5	40	75	312	10
20	35	15.5	40	75	323	10
22	38	22.5	40	75	340	10
24	38	22.5	40	75	362	10
27	38	22.5	40	75	402	10
30	38	28.5	40	75	445	10
32	38	28.5	40	75	485	10
36	42	28.5	40	75	663	10

6101

Socket for Slotted Heads
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente



	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
6101	6.4×33.5	35	50	205	10

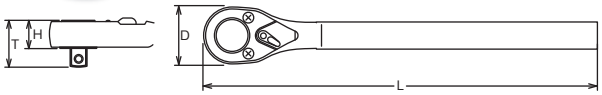
3/4”

6749 / 6749-1000

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.H.-System | Two-Step Dog | 36

* Renewal Kits → 6749RK ➔P287



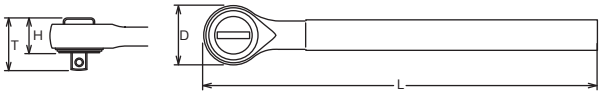
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
6749	68	49.6	29.6	565	2800	1
6749-1000	68	49.6	29.6	1000	3600	1

6752

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

60

* Renewal Kits → 6752RK ➔P287



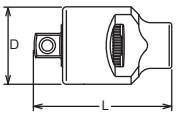
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
6752	67	55.5	35.5	500	2380	1

6755

Ratchet Adaptor
Aufsteckknarre
Cliquet adaptable

60

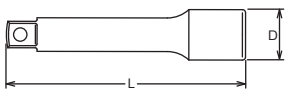
* Renewal Kits → 6755RK ➔P288



	D (mm)	L (mm)	(g)	(pce.)
6755	62	97	1162	1

6760-75/-100/-125/-150/-200/-300/-400

Extension Bars
Verlängerungen
Rallonges

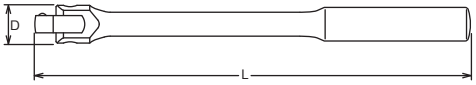


6760	D (mm)	L (mm)	(g)	(pcs.)
75	35	75	335	10
100	35	100	434	10
125	35	125	528	10
150	35	150	624	2
200	35	200	815	1
300	35	300	1203	1
400	35	400	1585	1

6768

Hinge Handle
Gelenkgriff
Poignée articulée

* Renewal Kits → 6768RK ➔P288



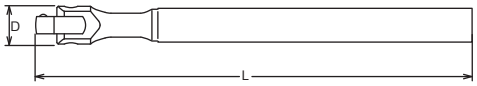
	D (mm)	L (mm)	(g)	(pce.)
6768	42	450	1715	1

6768-600/-1000

Hinge Handle
Gelenkgriff
Poignée articulée

* Renewal Kits → **6768RK** ➡P288

6768	D (mm)	L (mm)	(g)	(pce.)
600	42	600	2800	1
1000	42	1000	3400	1

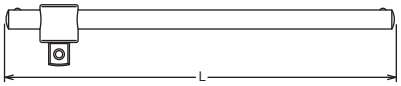


6785

T-Handle
T-Griff
Poignée coulissante

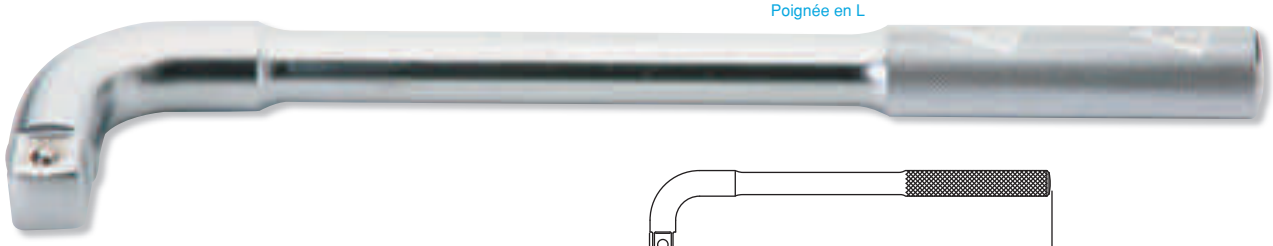
OVAL Shank

	L (mm)	(g)	(pce.)
6785	500	1542	1

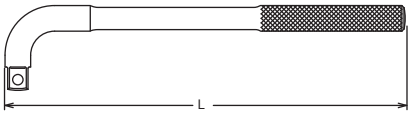


6788

L-Handle
L-Griff
Poignée en L

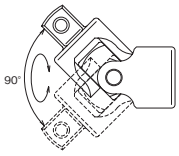


	L (mm)	(g)	(pce.)
6788	330	1175	1

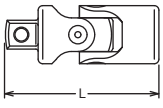


6770

Universal Joint
Gelenk-Einsatz
Cardan universel



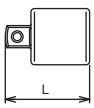
	L (mm)	(g)	(pcs.)
6770	105	478	2



6644A

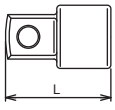
Adaptor
Verbindungsstück
Réducteur

Warranty 668Nm
Garantie 668Nm
Garantie 668Nm



6688A

Adaptor
Verbindungsstück
Augmentateur



	(sq.)	(sq.)	L (mm)	(g)	(pcs.)
6644A	3/4"	1/2"	47	136	5
6688A	3/4"	1"	60	285	5

⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

6201M-00
6201A-00
6201M-05
6201A-05

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

6201M-00	16 Pieces Set/△△=17,300g
6201M-05	16 Pieces Set/△△=17,300g

METAL CASE:W580×H200×T85mm

Sockets	Accessories
(6201M-00) **6400M** 6-pt. Sockets 22, 24, 27, 30, 32, 36, 41, 46, 50, 55, 60	**6749** **6760-200** **6760-400** **6768** **6785**
(6201M-05) **6405M** 12-pt. Sockets 22, 24, 27, 30, 32, 36, 41, 46, 50, 55, 60	

6201A-00	18 Pieces Set/△△=17,600g
6201A-05	18 Pieces Set/△△=17,600g

METAL CASE:W580×H200×T85mm

Sockets	Accessories
(6201A-00) **6400A** 6-pt. Sockets 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4, 1.5/16, 1.7/16, 1.1/2, 1.5/8, 1.11/16, 1.13/16, 1.7/8, 2	**6749** **6760-200** **6760-400** **6768** **6785**
(6201A-05) **6405A** 12-pt. Sockets 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4, 1.5/16, 1.7/16, 1.1/2, 1.5/8, 1.11/16, 1.13/16, 1.7/8, 2	

6212M-00
6212M-05

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

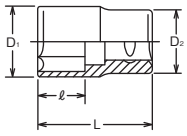
6212M-00	12 Pieces Set/△△=8,200g
6212M-05	12 Pieces Set/△△=8,200g

METAL CASE:W580×H124×T70mm

Sockets	Accessories
(6212M-00) **6400M** 6-pt. Sockets 22, 24, 27, 30, 32, 36, 41, 46, 50	**6749** **6760-200** **6785**
(6212M-05) **6405M** 12-pt. Sockets 22, 24, 27, 30, 32, 36, 41, 46, 50	

8400M / 8400A

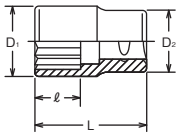
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



8400M 8405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)
24	36.5	44	17	60	348	1
27	40.5	44	19	60	362	1
30	44	45	21	65	410	1
32	46.5	45	23	65	455	1
33	48	46	23.5	65	485	1
35	50.5	48	24.5	65	536	1
36	51.5	48	25	65	600	1
38	54	50	26	65	624	1
40	56.5	53	27	65	686	1
41	58	53	28	68	747	1
42	59	53	28.5	68	789	1
46	64	53	31	72	928	1
50	69	53	34	72	943	1
54	74	55	37	72	1016	1
55	75.5	53	42	77	1167	1
58	79	53	41	77	1200	1
60	81.5	58	46	82	1440	1
63	85.5	58	45	82	1470	1
65	88	63	49	86	1683	1
67	90.5	63	49	86	1840	1
68	91.5	63	49	86	1800	1
70	94	68	50	88	1963	1
71	95.5	68	50	88	2200	1
75	100.5	73	53	90	2204	1
New **78**	104	75	52.5	90	2500	1
80	106.5	75	58	95	2550	1
83	110.5	78	57	95	2730	1
85	113	80	57	95	2680	1
90	119	80	59	100	3420	1
95	125.5	85	58	100	4900	1
100	131.5	85	57	100	4840	1

8405M / 8405A

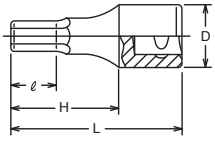
12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



8400A 8405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)
15/16	36.5	44	17	60	355	1
1. 3/16	44	45	21	65	410	1
1. 1/4	46.5	45	23	65	455	1
1. 5/16	48	46	23.5	65	485	1
1. 3/8	50.5	48	24.5	65	536	1
1. 7/16	53	50	25.5	65	607	1
1. 1/2	54	50	26	65	624	1
1. 9/16	56.5	53	27	65	686	1
1. 5/8	58	53	28	68	747	1
1.11/16	60.5	53	29	68	830	1
1. 3/4	61.5	53	29.5	68	807	1
1.13/16	64	53	31	72	928	1
1. 7/8	66.5	53	32	72	936	1
1.15/16	68	53	32.5	72	941	1
2	70.5	53	37	72	976	1
2. 1/16	73	54	37	72	1027	1
2. 1/8	74	55	37	72	1016	1
2. 3/16	76.5	53	41	77	1192	1
2. 1/4	78	53	41	77	1177	1
2. 5/16	80.5	53	41	77	1292	1
2. 3/8	81.5	58	46	82	1440	1
2. 7/16	84	58	45	82	1495	1
2. 1/2	86.5	58	45	82	1497	1
2. 9/16	88	63	49	86	1683	1
2. 5/8	90.5	63	49	86	1840	1
2.11/16	91.5	63	49	86	1800	1
2. 3/4	94	68	50	88	1963	1
2.13/16	96.5	68	50	88	2035	1
2. 7/8	98	70	50	88	2100	1
2.15/16	100.5	73	53	90	2204	1
3	103	75	53	90	2406	1
3. 1/8	106.5	75	58	95	2550	1
3. 1/4	110.5	78	57	95	2730	1
3. 3/8	114	80	57	95	3050	1
3. 1/2	119	80	59	100	3420	1
3. 3/4	125.5	85	58	100	4900	1

8012M-80

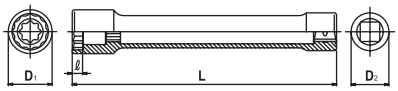
Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



8012M-80 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
17	44.2	15.5	45	80	400	5
19	44.2	15.5	45	80	410	5
22	47.9	22.5	45	80	436	5
24	47.9	22.5	45	80	471	5
27	47.9	22.5	45	80	526	5
30	47.9	22.5	45	80	658	5
32	47.9	22.5	45	80	715	5
36	54.2	22.5	45	80	945	5

8102M

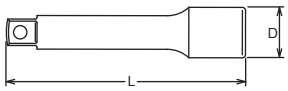
Extra long socket for wheel nuts
Extra lange Steckschlüssel für Radmuttern
Douilles extra-longues pour écrous de roue



8102M-400 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)
41Wx21W	58	49.9	14	400	2610	1
32	48.5	49.9	32	400	2210	1
33	49.8	49.9	32	400	2220	1

8760-200/-400

Extension Bars
Verlängerungen
Rallonges

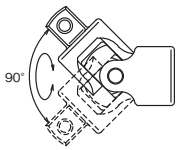


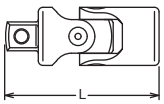
8760	D (mm)	L (mm)	(g)	(pce.)
200	44	200	1300	1
400	44	400	2570	1

8770

Universal Joint
Gelenk-Einsatz
Cardan universel

	L (mm)	(g)	(pce.)
8770	143	1170	1

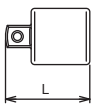




8866A

Adaptor
Verbindungsstück
Réducteur

Warranty 1850Nm
Garantie 1850Nm
Garantie 1850Nm



	(mm)	(mm)	L (mm)	(g)	(pcs.)
8866A	1"	3/4"	60	338	5

Adapting down from bigger square drive to smaller square drive may lead to excessive torque and possibly cause breakage.

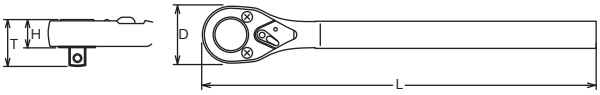
Reduzierstücke sind mit Vernunft einzusetzen.
Es besteht Bruchgefahr. Überschreiten Sie niemals die Sicherheitsgrenzen.

Les réducteurs doivent être utilisés avec modération. Ne dépassez jamais les limites de sécurité.

8749 Reversible Ratchet / Knarre, verstellbar / Cliquet, réversible

* Renewal Kits → 8749RK P287

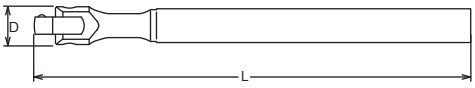
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
8749	70	62.2	36.2	800	4090	1



8768 Hinge Handle / Gelenkgriff / Poignée articulée

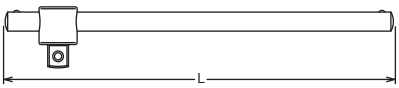
* Renewal Kits → 8768RK P288

	D (mm)	L (mm)	(g)	(pce.)
8768	55	600	3190	1



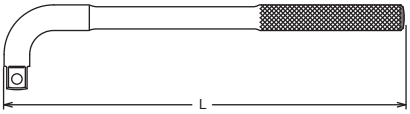
8785 T-Handle / T-Griff / Poignée coulissante

	L (mm)	(g)	(pce.)
8785	550	3190	1



8788 L-Handle / L-Griff / Poignée en L

	L (mm)	(g)	(pce.)
8788	600	3600	1



8225M-00
8225M-05

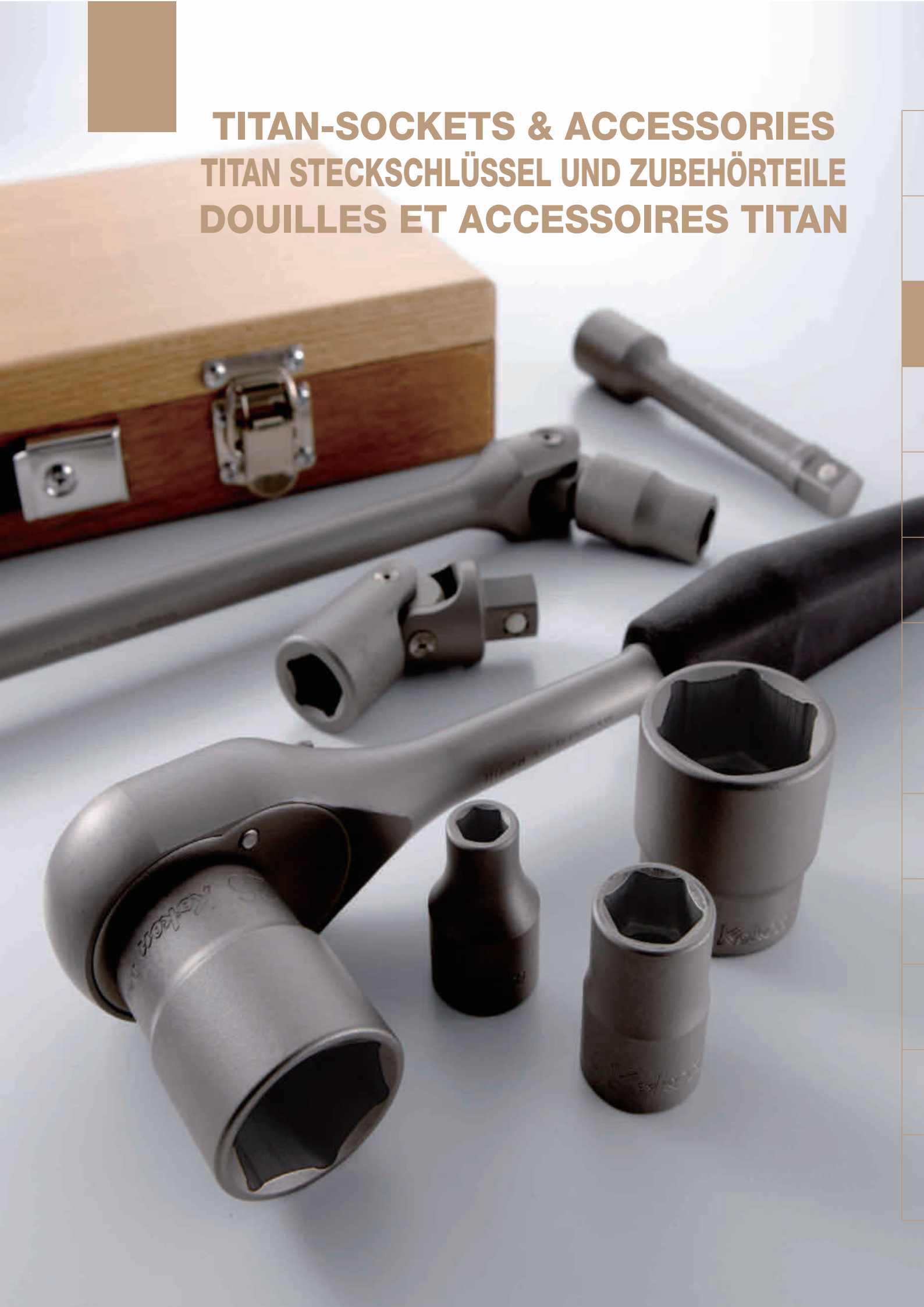
Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

8225M-00	15 Pieces Set/⚖=27,000g
8225M-05	15 Pieces Set/⚖=27,000g

METAL CASE:W600×H217×T97mm

Sockets	Accessories
(8225M-00) **8400M** 6-pt. Sockets 32, 33, 36, 41, 46, 50, 55, 60, 65, 70, 75, 80	**8749** **8760-200** **8760-400**
(8225M-05) **8405M** 12-pt. Sockets 32, 33, 36, 41, 46, 50, 55, 60, 65, 70, 75, 80	

TITAN-SOCKETS & ACCESSORIES
TITAN STECKSCHLÜSSEL UND ZUBEHÖRTEILE
DOUILLES ET ACCESSOIRES TITAN



TI4261M

Socket Set Titanium
Steckschlüssel Satz Titanium
Jeu de clés à douille Titanium

Pentagon Drive

TI4261M	18 Pieces Set/△=4,280g
WOODEN CASE:W445×H190×T60mm	
Sockets	Accessories
TI4400M 6-pt. Sockets 8, 10, 11, 12, 13, 14, 17, 19, 21, 22, 24, 26, 27	**TI4749J** **TI4760-125** **TI4760-250** **TI4768J-380** **TI4770**

Characteristic of TITAN

Light weight : Makes it effective for operating tools.The specific gravity is only about 58% of chrome molybdenum steel which is used for our normal products.
Non-Corrosion : Corrosion Resistance is greatly improved against salt water and any kind of chemical products.
Non-Magnetic : Non-Magnetic material will prevent the tools from magnetizing.

Eigenschaften der TITAN Legierung

Geringes Gewicht : Das spezifische Gewicht liegt bei 58% herkömmlicher Chrom-Molybdän Stähle.
Korrosionsfest : Meerwasser oder Säuren hinterlassen keine Spuren.
Nicht magnetisch : Titan Werkzeuge lassen sich nicht magnetisieren.

Caractéristiques de l'alliage TITAN

Légèreté : Son poids spécifique n'est que 58% de celui de l'acier au chrome-molybdène utilisé pour tous nos produits standards.
Anti-corrosion : Aussi bien pour l'eau que pour tous les produits chimiques.
Anti-magnétique : Le Titan empêche toute magnétisation de l'outil.

Pentagonal drive is designed to avoid using with normal square drive items, so that it will provide extra safety and much more strength.

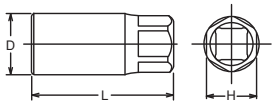
Der 5-kant Antrieb (Pentagon-Drive) gewährt einen kraftvollen Anzug und unterbindet aus Sicherheitsgründen die Verwendung von Zubehörteilen anderer Legierungen.

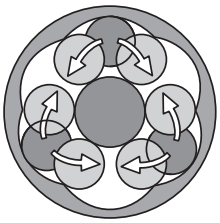
L'entraînement pentagonal est conçu pour obtenir un serrage puissant et pour empêcher l'utilisation d'accessoires traditionnels et ce pour des raisons de sécurité.

ACCESSORIES
ZUBEHÖRTEILE
ACCESSOIRES

4100M / 4100A

Screw and Stud Pullers
Stehbolzendreher
Extracteurs de goujons





Screw and Stud Pullers
Hexagon body design can lessen the excessive load on cages and rollers inside the pullers.

Stehbolzendreher
Der neue Körper mit sechs Walzenmulden verteilt den Druck auf Käfig und Walzen weitaus vorteilhafter.

Extracteurs de goujons
Le nouveau corps de forme hexagonale répartit l'effort de façon plus uniforme sur la cage et les rouleaux.

4100M (mm)		D (mm)	L (mm)	H (mm)	(g)	(pcs.)
5	1/2"	24	65	21	145	10
6		24	65	21	150	10
7		24	65	21	150	10
8		24	65	21	147	10
9		28	75	21	217	10
10		28	75	21	213	10
10.5		28	75	21	202	10
11		28	75	21	218	10
12		28	75	21	220	10
14		34	75	27	340	5
16	–⚠	34	75	27	315	5

4100A (inch)		D (mm)	L (mm)	H (mm)	(g)	(pcs.)
1/4	1/2"	24	65	21	150	10
5/16		24	65	21	147	10
3/8		28	75	21	213	10
7/16		28	75	21	218	10
1/2		28	75	21	191	10
9/16		34	75	27	340	5
5/8	–⚠	34	75	27	315	5

* Renewal Kits → **4100MRK/4100ARK** ➡P289

⚠ 4100M-16 and 4100A-5/8 do not have 1/2'' square drive.
Drive the outer hexagon part with 27mm sockets or ring wrenches.
Die Artikel 4100M 16mm und 4100A 5/8'' haben keinen 1/2'' Antriebsvierkant.
Bitte benutzen Sie den 27mm Aussensechskant.
Les articles 4100M-16 et 4100A-5/8" n'ont pas de carré entraînant 1/2" , veuillez utiliser l'hexagonal 6 pans 27 mm

Tolerance

4100M (mm)		4100A (inch)	
5	4.7- 5	**1/4**	6 - 6.4
6	5.6- 6	**5/16**	7.6- 8
7	6.6- 7	**3/8**	9 - 9.6
8	7.6- 8	**7/16**	10.5-11.1
9	8.4- 9	**1/2**	12.1-12.7
10	9.4-10	**9/16**	13.5-14.3
10.5	9.9-10.5	**5/8**	15.2-16
11	10.4-11		
12	11.4-12		
14	13.2-14		
16	15.2-16		

4211M / 4211A

Screw and Stud Pullers Sets
Stehbolzendreher im Satz
Jeux d'extracteurs de goujons

4211M — 4 Pieces Set/⚖=1,040g
METAL CASE:W215×H80×T47mm
PULLER
4100M Stud Pullers
6, 8, 10, 12

4211A — 4 Pieces Set/⚖=1,040g
METAL CASE:W215×H80×T47mm
PULLER
4100A Stud Pullers
1/4, 5/16, 3/8, 1/2

4214M

Screw and Stud Pullers Set
Stehbolzendreher im Satz
Jeux d'extracteurs de goujons

4214M — 5 Pieces Set/⚖=1,450g
METAL CASE:W215×H80×T47mm
PULLER
4100M Stud Pullers
6, 8, 10, 12, 14

6100M

Screw and Stud Pullers
Stehbolzendreher
Extracteurs de goujons

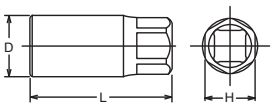
6100M (mm)		D (mm)	L (mm)	H (mm)	(g)	(pce.)
18	3/4"	48	100	36	840	1
20		48	100	36	816	1
22		48	100	36	745	1
24		48	100	36	739	1
27		63	125	46	1707	1
28		63	125	46	1701	1
29		63	125	46	1696	1
30		63	125	46	1691	1

* Renewal Kits → **6100MRK** ➡P289

⚠ 6100M-22 to -30 do not have 3/4" square drive.
Drive the outer hexagon part with sockets or ring wrenches
(size 22-24mm = 36H, 27-30mm = 46H.)
Die Stehbolzendreher ab Abmessung 22mm haben keinen 3/4" Antriebsvierkant.
Bitte benutzen sie den Aussensechskant.

Tolerance

6100M (mm)	
18	16.9-18
20	18.8-20
22	20.8-22
24	22.7-24
27	25.7-27
28	26.7-28
29	27.6-29
30	28.6-30



14100M / 14100A

IMPACT Screw and Stud Pullers
IMPACT Stehbolzendreher
Extracteurs de goujons IMPACT

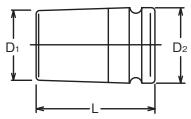
14100M (mm)		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
6	1/2"	24	25	48	126	10	*1
7		24	25	48	126	10	*1
8		24	25	48	122	10	*1
9		28	30	48	181	10	*2
10		28	30	48	181	10	*2
12		28	30	48	175	10	*2

14100A (inch)		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
1/4	1/2"	24	25	48	126	10	*1
5/16		24	25	48	122	10	*1
3/8		28	30	48	181	10	*2
7/16		28	30	48	181	10	*2
1/2		28	30	48	180	10	*2

*1 C-Ring=1401C,Pin/O-Ring=1401A/B
*2 C-Ring=1402C,Pin/O-Ring=1402A/B ➡P238-239

Tolerance

14100M (mm)		14100A (inch)	
6	5.6- 6	**1/4**	6 - 6.4
7	6.6- 7	**5/16**	7.6- 8
8	7.6- 8	**3/8**	9 - 9.6
9	8.4- 9	**7/16**	10.5-11.1
10	9.4-10	**1/2**	12.1-12.7
12	11.4-12		



141S / 141

Stud Puller Ratchets
Stehbolzenausdreher-Knarren
Dégoujoneuses à cliquet

141S (mm)	D (mm)	L (mm)	(g)	(pce.)
6	28	120	150	1
8	28	120	150	1
10	32	120	153	1
12	32	120	152	1

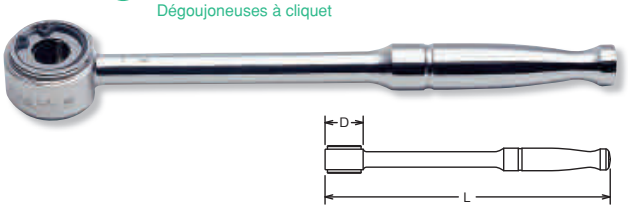
141S (inch)	D (mm)	L (mm)	(g)	(pce.)
5/16	28	120	150	1
3/8	32	120	153	1
1/2	32	120	152	1

141 (mm)	D (mm)	L (mm)	(g)	(pce.)
6	28	205	215	1
8	28	205	215	1
10	32	205	234	1
12	32	205	233	1

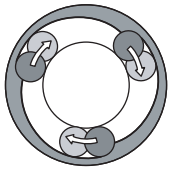
141 (inch)	D (mm)	L (mm)	(g)	(pce.)
5/16	28	205	215	1
3/8	32	205	234	1
1/2	32	205	233	1

141P

Stud Puller Ratchets
Stehbolzenausdreher-Knarren
Dégoujoneuses à cliquet



141P (mm)	D (mm)	L (mm)	(g)	(pce.)
6	28	205	210	1
8	28	205	210	1
10	32	205	229	1
12	32	205	227	1



The three roller system can protect the studs from damage.
Das Drei-Rollen-System schont die Stehbolzen.
Le système à trois roulettes n'endommage pas les goujons.

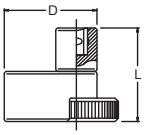
1201

Stud Puller Ratchets
Stehbolzenausdreher-Knarren
Dégoujoneuses à cliquet

1201	4 Pieces Set/=973g
METAL CASE:W240×H100×T32mm	
PULLER	
141S Stud Puller Ratchet 6, 8, 10, 12	

4104

Screw and Stud Puller
Stehbolzendreher
Extracteur de goujons

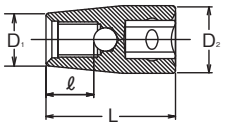


4104		Tolerance min	Tolerance max	D (mm)	L (mm)	(g)	(pcs.)
	1/2"	ϕ6	ϕ19	54	56	489	2

4103M

Stud Bolt Setters
Stehbolzensetzer
Monte-goujons

4103M (mm)	⊠	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◇ (pcs.)
6(1.0)	1/2"	10.3	22	9	37	54	10
7(1.0)		11.5	22	10	37	58	10
8(1.25)		13.2	22	11	37	60	10
10(1.25)		15.3	23	13	44	86	10
10(1.5)		15.3	23	13	44	86	10
12(1.25)		17.8	23	14	44	86	10
12(1.75)		17.8	23	14	44	86	10

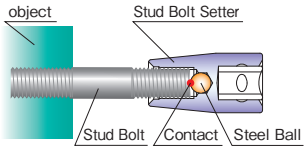


4203M
4203MF

Stud Bolt Setters Set
Stehbolzensetzer im Satz
Jeu de monte-goujons

4203M 4 Pieces Set/⚖=530g
METAL CASE:W130×H65×T26mm
Stud Bolt Setter
4103M Stud Bolt Setters
6(1.0), 8(1.25), 10(1.5), 12(1.75)

4203MF 4 Pieces Set/⚖=530g
METAL CASE:W130×H65×T26mm
Stud Bolt Setter
4103M Stud Bolt Setters
6(1.0), 8(1.25), 10(1.25), 12(1.25)



A special socket for installing a stud bolt.
Inside steel ball prevent the stud bolt stuck onto the socket. After installing a stud bolt, turn to anti-clockwise to removing the socket.

Spezialwerkzeug zum Setzen von Stehbolzen. Der Bolzen trifft im Werkzeug nur auf den Stahlbolzen, was die Kontaktfläche verringert. Nach dem Setzen des Stehbolzens kann das Werkzeug im Linkslauf vom Stehbolzen abgezogen werden.

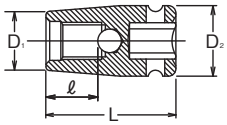
Douilles spéciales pour monter les goujons.
Le goujon est en contact avec une bille d'acier pour l'empêcher d'adhérer à la douille.
Après avoir posé le goujon, tourner dans le sens antihorlogique pour le retirer

13103M

Impact Stud Bolt Setters
Impact Stehbolzensetzer
Monte-goujons Impact

13103M (mm)	⊠	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◇ (pcs.)	
5(0.8)	3/8"	9.5	19	8	32	39	10	*1
6(1.0)		10.8	19	9	32	41	10	*1
7(1.0)		12.5	19	10	32	44	10	*1
8(1.25)		13.5	19	11	35	49	10	*1
10(1.25)		15.8	19	13	35	49	10	*1
10(1.5)		15.8	19	13	35	49	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P238-239

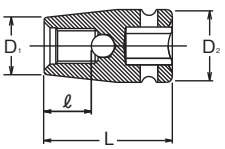


14103M

Impact Stud Bolt Setters
Impact Stehbolzensetzer
Monte-goujons Impact

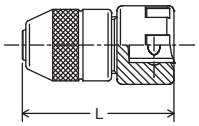
14103M (mm)	⊠	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◇ (pcs.)	
6(1.0)	1/2"	12	25	11	42	75	10	*1
7(1.0)		13.2	25	12	42	78	10	*1
8(1.25)		14.5	25	15	42	81	10	*1
10(1.25)		17	25	18	49	106	10	*1
10(1.5)		17	25	18	49	106	10	*1
12(1.25)		19.5	25	19	49	107	10	*1
12(1.75)		19.5	25	19	49	107	10	*1
14(1.5)		22	25	21	55	128	10	*1
14(2.0)		22	25	21	55	128	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P238-239

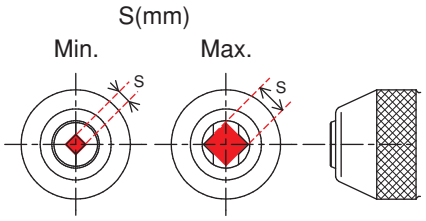


3131A

Adjustable Tap Holder
Halter für Gewindeschneider, einstellbar
Porte taraud, ajustable

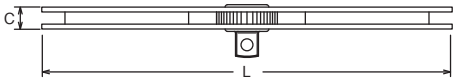


3131A	⍁	S(mm) Min.	S(mm) Max.	L (mm)	(g)	(pcs.)
1	3/8"	2.0	5.0	42	80	5
2		4.5	8.0	47	100	5



160K

Reversible Rachet
Verstelbare Knarre
Cliquet réversible

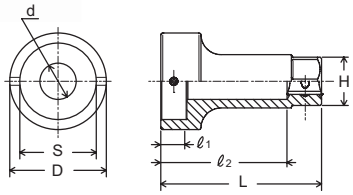


Tap is not included.
Gewindeschneider, nicht enthalten.
Taraud non inclus.

	⍁	C (mm)	L (mm)	(g)	(pce.)
160K	3/8"	10	220	130	1
160K-1/2	1/2"	10	220	135	1

3132

Die Holder
Halter für Gewindeschneideisen
Porte-filière



	⍁	S (mm)	D (mm)	d (mm)	H (mm)	ℓ1 (mm)	ℓ2 (mm)	L (mm)	(g)	(pcs.)
3132-20	3/8"	20	28	8	17	7	46	60	130	5
4132-25	1/2"	25	34	14	22	9	42	60	170	2

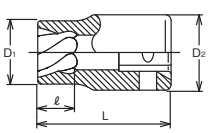
4132

Die Holder
Halter für Gewindeschneideisen
Porte-filière

Die is not included.
Gewindeschneideisen, nicht enthalten.
Filière non inclus.

2127 NUTTWISTER®

2127 (mm)	□	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
4	1/4"	7	13	4	23	14	10
4.5		7.4	13	4	23	14	10
5		8	13	5	23	14	10
5.5		8.8	13	5	23	14	10
6		9.5	13	6	23	14	10
7		10.9	13	6	23	14	10
8		11.5	13	8	23	14	10
9		13	13	8	23	15	10
9.5		13.8	13	10	23	16	10
10		14.8	13	10	23	17	10



RS2127/6

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2127/6	6 Pieces Set/Rail 150mm	(g)
	4, 4.5, 5, 5.5, 6, 7	105

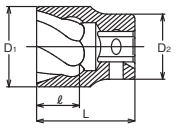
RS2127/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2127/10	10 Pieces Set/Rail 150mm	(g)
	4, 4.5, 5, 5.5, 6, 7, 8, 9, 9.5,10	180

3127 NUTTWISTER®

3127 (mm)	□	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	3/8"	11.5	19	8	32	40	10
9		13	19	8	32	40	10
9.5		13.8	19	8	32	41	10
10		14.8	19	10	32	41	10
11		16	19	10	32	43	10
12		17	19	12	32	44	10
13		18.5	19	12	32	46	10
14		19.7	19	14	32	48	10
15		20.7	19	14	32	52	10
16		22.2	22	14	32	66	10
17		23.5	22	16	35	80	10
19		26	22	16	35	92	10



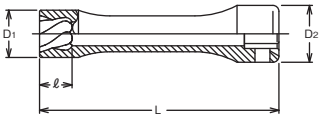
RS3127/8

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3127/8	8 Pieces Set/Rail 200mm	(g)
	8, 9, 10, 11, 12, 13, 14, 16	420

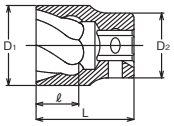
3128 (L80) NUTTWISTER® (Long type)

3128-80 (mm)	□	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	3/8"	11.5	19	6	80	58	10
9		13	19	6	80	61	10
10		14.8	19	8	80	66	10
11		16	19	8	80	70	10
12		17	19	10	80	77	10
13		18.5	19	10	80	80	10
14		19.7	19	12	80	82	10



4127

NUTTWISTER®



4127 (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	1/2"	19.7	30	14	42	125	10
17		23.5	30	16	42	137	10
19		26	30	16	42	146	10
21		28	30	17	42	153	10
22		29.5	30	17	42	158	10
24		32	30	18	42	174	10
25.4		33.5	30	18	42	183	10

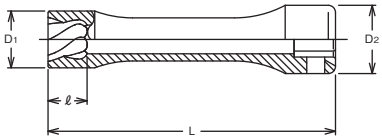
RS4127/6

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4127/6	6 Pieces Set/Rail 200mm	(g)
	17, 19, 21, 22, 24, 25.4	960

4128 (L120)

NUTTWISTER® (Long type)



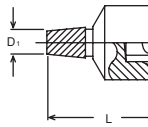
4128-120 (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
17	1/2"	23.5	30	16	120	227	10
19		26	30	16	120	247	10
21		28	30	17	120	262	10
22		29.5	30	17	120	259	10

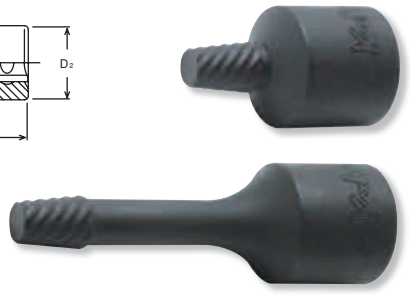
A very effective method and easy solution for removing rounded off nuts, bolts and studs. The sharp edges of the NUTTWISTER® Socket opening will tighten around the nut, bolt or stud and turn it easily off.

Eine einfache und wirkungsvolle Methode rund gedrehte Muttern und Bolzen herauszudrehen bzw. zu öffnen.
Die scharfen Kanten der gewundenen NUTTWISTER® Öffnung setzen sich um die Mutter bzw. den Schraubenkopf und drehen sie problemlos heraus.

Il existe une méthode simple mais efficace pour retirer les écrous et les boulons arrondis ainsi que les goujons et les dispositifs de verrouillage des jantes.
Les arêtes vives de la douille NUTTWISTER® vont <mordre> l'écrou, le boulon ou le goujon et permettre ainsi facilement son extraction.

3129-32/-60 BOLTTWISTER®





3129-32 (mm)	☐	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
2	3/8"	2	19	32	32	10
3		3	19	32	33	10
4		4	19	32	33	10
6		6	19	32	35	10
8		8	19	32	37	10
10		10	19	32	40	10

3129-60 (mm)	☐	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
2	3/8"	2	19	60	38	10
3		3	19	60	42	10
4		4	19	60	44	10
6		6	19	60	47	10
8		8	19	60	53	10
10		10	19	60	64	10

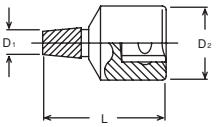
RS3129/6-L32	6 Pieces Set/Rail 150mm	(g)
2, 3, 4, 6, 8, 10		250

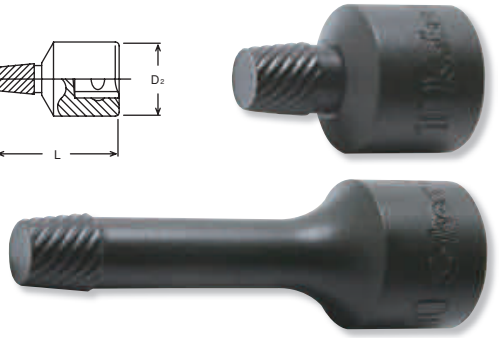
RS3129/6-L60	6 Pieces Set/Rail 150mm	(g)
2, 3, 4, 6, 8, 10		320

RS3129/6-L32/-L60

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

4129-37/-75 BOLTTWISTER®





4129-37 (mm)	☐	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
8	1/2"	8	24	37	59	10
10		10	24	37	63	10
12		12	24	37	67	10
14		14	24	37	72	10
16		16	24	37	78	10

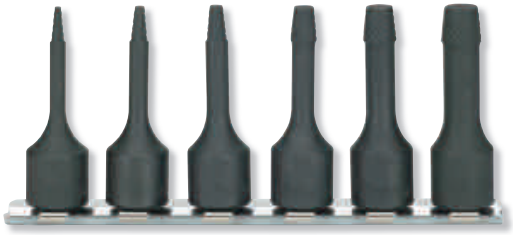
4129-75 (mm)	☐	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
8	1/2"	8	24	75	80	10
10		10	24	75	94	10
12		12	24	75	110	10
14		14	24	75	130	10
16		16	24	75	150	10

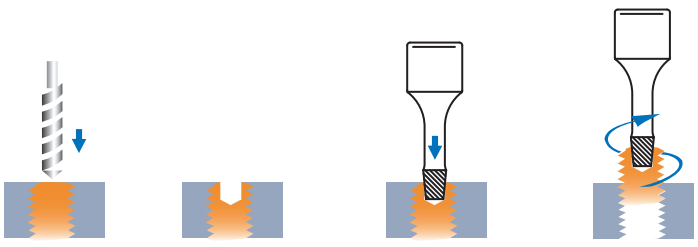
RS4129/5-L37	5 Pieces Set/Rail 150mm	(g)
8, 10, 12, 14, 16		370

RS4129/5-L75	5 Pieces Set/Rail 150mm	(g)
8, 10, 12, 14, 16		600

RS4129/5-L37/-L75

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail



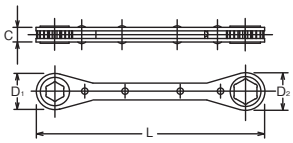


Effective method and easy solution for removing twisted off bolt. Drill a hole in the center of bolt and drive BOLTTWISTER® firmly into the hole. The sharp spiral edges will hold the broken bolt and easily remove it.

BOLTTWISTER	Bolt size	Drill size
2	M5	φ 2.4～ 2.6
3	M6	φ 3.2～ 3.5
4	M8	φ 4.2～ 4.5
6	M10～M12	φ 6.2～ 6.5
8	M14～M16	φ 8.2～ 8.5
10	M18～M20	φ10.2～10.5
12	M22～M24	φ12.2～12.5
14	M27～M30	φ14.2～14.5
16	M33	φ16.2～16.5

102NM / 102NA

Without reverse lever
Nicht umstellbar
Non réversible

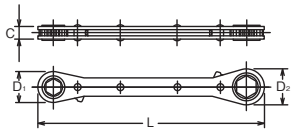


102NM (mm)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
6×7	108	15.3	16.4	7.5	60	10
7×8	108	15.3	16.4	7.5	60	10
8×9	134	17.1	19.7	7.5	80	10
8×10	134	17.1	19.7	7.5	80	10
10×11	140	20.1	22.7	7.5	87	10
10×12	140	20.1	22.7	7.5	87	10
12×13	145	23.6	24.6	9	112	10
12×14	145	23.6	24.6	9	112	10

102NA (inch)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
7/32× 1/4	108	15.3	16.4	7.5	60	10
1/4 × 9/32	108	15.3	16.4	7.5	60	10
1/4 × 5/16	108	15.3	16.4	7.5	60	10
5/16×11/32	134	17.1	19.7	7.5	80	10
5/16× 3/8	134	17.1	19.7	7.5	80	10
3/8 × 7/16	140	20.1	22.7	7.5	87	10
7/16× 1/2	145	23.6	24.6	9	112	10
1/2 × 9/16	145	23.6	24.6	9	112	5

102KM / 102KA

Reversible
Umstellbar
Réversible

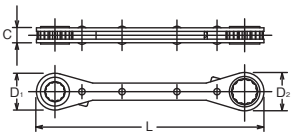


102KM (mm)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
6×7	108	15.3	16.4	7.2	51	10
7×8	108	15.3	16.4	7.2	51	10
8×9	134	17	20	9.1	76	10
8×10	134	17	20	9.1	76	10
10×11	141	21	23.5	9.1	84	10
10×12	141	21	23.5	9.1	84	10
12×13	146	24	25	9.1	89	10
12×14	146	24	25	9.1	89	5
13×17	200	27.1	31.8	11.5	190	5
14×17	200	27.1	31.8	11.5	200	5

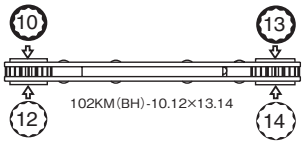
102KA (inch)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
7/32×1/4	108	15.3	16.4	7.2	51	10
1/4 ×5/16	108	15.3	16.4	7.2	51	10
3/8 ×7/16	141	21	23.5	9.1	84	10
1/2 ×9/16	146	24	25	9.1	89	5

102KM (BH)

With Twin Openings (Two-in-One)
Doppel-Ringschlüssel (zwei Öffnungen in einer)
Ouvertures doubles

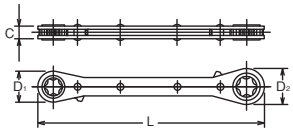


102KM-BH (mm)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
5.5• 6× 7• 8	108	15.3	16.4	10	60	10
8 •10×12•13	141	21	23.5	13	87	10
9 •10×11•12	141	21	23.5	13	87	10
10 •12×13•14	146	24	25	13	98	10
13 •14×15•17	200	27.1	31.8	16	200	5



102KT

Reversible TORX®
Umstellbar TORX®
Réversible TORX®



102KT (E)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
E 4×E 6	108	15.3	16.4	7.5	51	10
E 6×E 8	108	15.3	16.4	7.5	51	10
E10×E12	134	17	20	9	76	10

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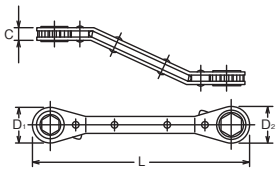
103KM / 103KA

Reversible
Umstellbar
Réversible

103KM (mm)	L (mm)	D_1 (mm)	D_2 (mm)	C (mm)	(g)	(pcs.)
6× 7	108	15.3	16.4	7.5	51	5
7× 8	108	15.3	16.4	7.5	51	5
8× 9	134	17	20	9	76	5
8×10	134	17	20	9	76	5
10×11	140	21	23.5	9	84	5
10×12	140	21	23.5	9	84	5
12×13	145	24	25	9	89	5
12×14	145	24	25	9	89	5

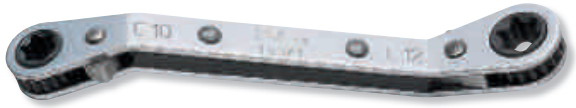


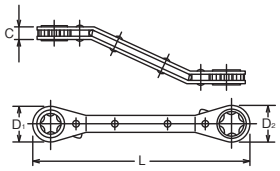
103KA (inch)	L (mm)	D_1 (mm)	D_2 (mm)	C (mm)	(g)	(pcs.)
7/32× 1/4	108	15.3	16.4	7.5	51	5
1/4 × 5/16	108	15.3	16.4	7.5	51	5
5/16×11/32	134	17	20	9	76	5
3/8 × 7/16	140	21	23.5	9	84	5
1/2 × 9/16	145	24	25	9	89	5

103KT

Reversible TORX®
Umstellbar TORX®
Réversible TORX®

103KT (E)	L (mm)	D_1 (mm)	D_2 (mm)	C (mm)	(g)	(pcs.)
E 4×E 6	104	15.3	16.4	7.5	51	5
E 6×E 8	104	15.3	16.4	7.5	51	5
E10×E12	128	17	20	9	76	5
E14×E16	139	24	25	9	89	5

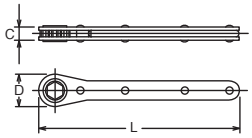




145KM-10H

Reversible, 10mm 6-pt.
Verstellbar SW10mm
Réversible 10mm

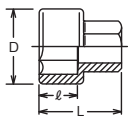
145KM (mm)	L (mm)	D (mm)	C (mm)	(g)	(pcs.)
10H	125	20.1	7.5	72	10



150-10H

Sockets with 10mm 6-point Drive End
Steckschlüssel mit 10mm Sechskant-Antrieb
Douilles à conducteur de 10mm 6-pans mâle

150-10H (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5	12	3.5	11	6	10
6	12	4.5	12.5	7	10
7	12	5	14	7	10
8	12	6	15.5	7	10
9	13	6	16	7	10
10	14.3	7	17	9	10



1203

Sockets with 10mm 6-point Drive End in Set with Ratchet
Steckschlüssel mit 10mm Sechskant-Antrieb mit Knarre im Satz
Jeu de douilles à conducteur 10mm 6-pans mâle, avec cliquet

1203 — 7 Pieces Set/⚖=250g

METAL CASE:W130×H65×T20mm

Sockets	Accessory
150.10H 5, 6, 7, 8, 9, 10	**145KM-10H**

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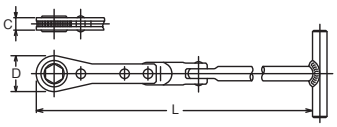
154M

Push and Pull-Ratchets
Hub-Knarren
Clé à cliquet de levage



154M (mm)	L (mm)	D (mm)	C (mm)	(g)	(pcs.)
8	294	17.1	7.5	178	2
10	297	20.1	7.5	183	2
12	300	23.6	9	189	2
13	301	24.6	9	194	2
14	301	24.6	9	194	2

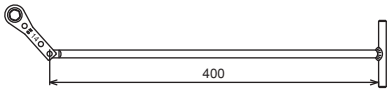
154ML

Push and Pull-Ratchets
Hub-Knarren
Clé à cliquet de levage

154ML (mm)	L (mm)	D (mm)	C (mm)	(g)	(pcs.)
10	297	20.1	7.5	230	2
12	300	23.6	9	252	2

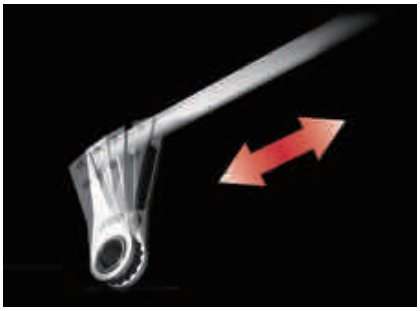
1206

Push and Pull-Ratchet
Hub-Knarre
Clé à cliquet de levage



1206	3 Pieces Set/=320g
CARDBOARD BOX	

Sockets	Accessory
150.14H Sockets 12, 14	**154K-14**

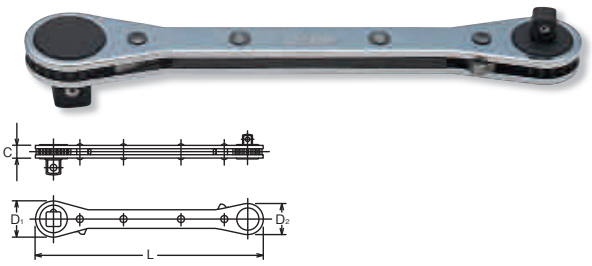


137

For 1/4" and 3/8" Square Drive Sockets
Für Steckschlüssel mit 1/4" und 3/8" Antrieb
Pour douilles d'un carré conducteur de 1/4" et 3/8"

137	L (mm)	D_1 (mm)	D_2 (mm)	C (mm)	(g)	(pcs.)
	141	23.5	21	9	104	5

1/4" × 3/8"

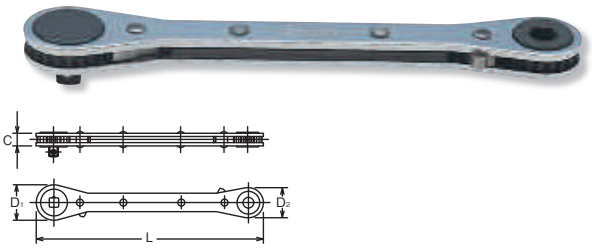


138

For Bits 101
Für Klingen 101
Pour embouts 101

138	L (mm)	D_1 (mm)	D_2 (mm)	C (mm)	(g)	(pcs.)
	141	23.5	21	9	97	10

1/4" × 1/4

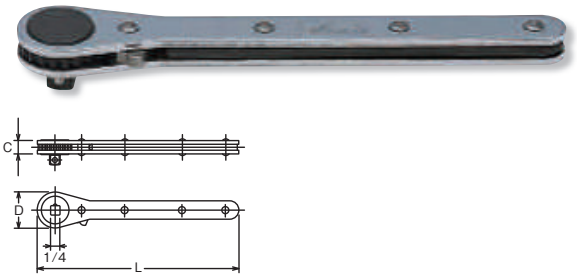


139

For 1/4" Square Drive Sockets
Für Steckschlüssel mit 1/4" Antrieb
Pour douilles d'un carré conducteur de 1/4"

139	L (mm)	D (mm)	C (mm)	(g)	(pcs.)
	125	20.1	7.5	80	10

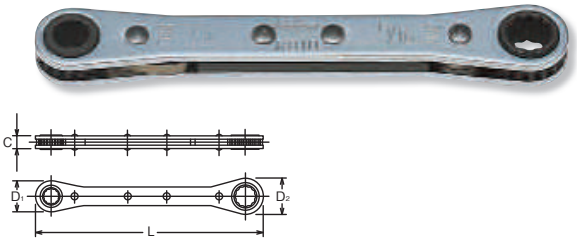
1/4"



R810

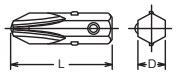
For Bits 101 and 128
Für Klingen 101 und 128
Pour embouts 101 é 128

R810 (inch)	L (mm)	D_1 (mm)	D_2 (mm)	C (mm)	(g)	(pcs.)
1/4×5/16	108	15.3	16.4	7.5	60	10
3/8×7/16	140	20.1	22.7	7.5	87	10
1/2×9/16	145	23.6	24.6	9	112	10



101P

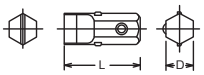
PH Bits
PH Bits
Embouts, PH



101P (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	20.5	3	10
2	6.35	20.5	4	10
3	6.35	20.5	5	10

101S

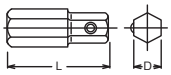
Slotted Bits
Schlitz Bits
Embouts, fente



101S	D (mm)	L (mm)	(g)	(pcs.)
1.0×7	6.35	15	3	10
1.2×7	6.35	15	3	10

101H

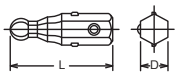
Hex Bits
Sechskant Bits
Embouts, 6 pans creux



101H (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	6.35	20.5	5	10
4	6.35	20.5	5	10
5	6.35	20.5	5	10
6	6.35	20.5	6	10
7	6.35	20.5	6	10
8	6.35	20.5	7	10

101B

Ball-point Hex Bits
Sechskant Bits
Embouts, 6 pans creux

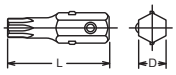


101B (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	6.35	25	4	10
4	6.35	25	4	10
5	6.35	25	5	10
6	6.35	25	5	10

Ball point bits have less strength due to the special design.
Make sure to use them correctly.

101T (T)

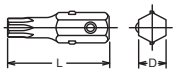
TORX® Bits
TORX® Bits
Embouts, TORX®



101T (T)	D (mm)	L (mm)	(g)	(pcs.)
T 9	6.35	25	4	10
T10	6.35	25	4	10
T15	6.35	25	5	10
T20	6.35	25	5	10
T25	6.35	25	5	10
T27	6.35	25	6	10
T30	6.35	25	6	10

101T (TH)

Tamper-Registant TORX® Bits
TORX® Bits
Embouts, TORX®



101T (TH)	D (mm)	L (mm)	(g)	(pcs.)
T10H	6.35	25	4	10
T15H	6.35	25	4	10
T20H	6.35	25	5	10
T25H	6.35	25	5	10
T27H	6.35	25	6	10
T30H	6.35	25	6	10

Tamper Resistant TORX® Bits have less strength due to special design.
Make sure to use it correctly.

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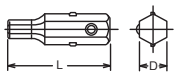
128H

Hex Bits
Sechskant Bits
Embouts, 6 pans creux

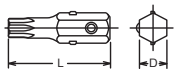
128H (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	8	32	11	10
4	8	32	11	10
5	8	32	12	10
6	8	32	12	10
8	8	32	13	10



128T

TORX® Bits
TORX® Bits
Embouts, TORX®

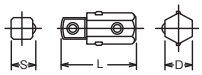
128T (T)	D (mm)	L (mm)	(g)	(pcs.)
T10	8	32	9	10
T15	8	32	9	10
T20	8	32	9	10
T25	8	32	10	10
T27	8	32	10	10
T30	8	32	11	10



101A

Adaptor
Verbindungsstück
Adaptateur

101A	D (mm)	S (mm)	L (mm)	(g)	(pcs.)
	8	6.35	20	8	10

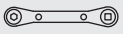


1202

Bit Set
Bit-Satz
Jeu d'embouts

1202 — 15 Pieces Set/⚖=420g

METAL CASE:W190×H60×T30mm

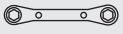
Bits	Accessory
101P Phillips Bits 1, 2, 3	 **138**
101S Slotted Bit 1×7	
101B Ballpoint Hex Bits 3, 4, 5, 6	
101T Torx® Bits T10, T15, T20, T25, T27, T30	

2254M

Bit Set
Bit-Satz
Jeu d'embouts

2254M — 12 Pieces Set/⚖=450g

METAL CASE:W160×H100×T28mm

Bits	Accessories
101P Phillips Bits 1, 2, 3	 **102NA-1/4x5/16**
101S Slotted Bits 1×7, 1.2×7	**2769F**
101H Hex Bits 3, 4, 5	**101A**
	2137

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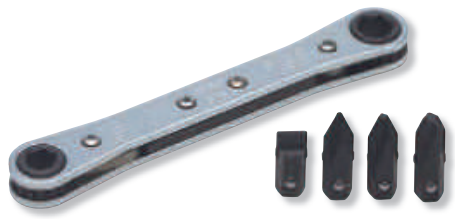
R810A
Bit Set
Bit-Satz
Jeu d'embouts



R810A	5 Pieces Set/=208g
METAL CASE:W130×H65×T20mm	
Bits	Accessory
101P Phillips Bits 1, 2, 3	**102NA-1/4x5/16**
101S Slotted Bit 1×7	

R810B
Bit Set
Bit-Satz
Jeu d'embouts

R810B	10 Pieces Set/=268g
METAL CASE:W130×H65×T20mm	
Bits	Accessory
101P Phillips Bits 1, 2, 3	**102NA-1/4x5/16**
101S Slotted Bit 1×7	
128H Hex Bits 3, 4, 5, 6, 8	

R810C
Bit and Socket Set
Bit und Steckschlüssel Satz
Jeu de douilles et d'embouts

R810C	12 Pieces Set/=227g
METAL CASE:W130×H65×T20mm	
Bits,Sockets	Accessories
101P Phillips Bits 1, 2, 3	**102NA-1/4x5/16**
101S Slotted Bit 1×7	**101A**
2400M Sockets 5, 6, 7, 8, 9, 10	

R810D
Bit and Socket Set
Bit und Steckschlüssel Satz
Jeu de douilles et d'embouts

R810D	17 Pieces Set/=336g
METAL CASE:W130×H65×T20mm	
Bits,Sockets	Accessories
101P Phillips Bits 1, 2, 3	**102NA-1/4x5/16**
101S Slotted Bit 1×7	**101A**
128H Hex Bits 3, 4, 5, 6, 8	
2400M Sockets 5, 6, 7, 8, 9, 10	

R810E
Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

R810E	9 Pieces Set/=445g
METAL CASE:W130×H65×T20mm	
Sockets	Accessories
2300M Deep Sockets 6, 7, 8, 9, 10, 11, 12	**102NA-1/4x5/16**
	101A

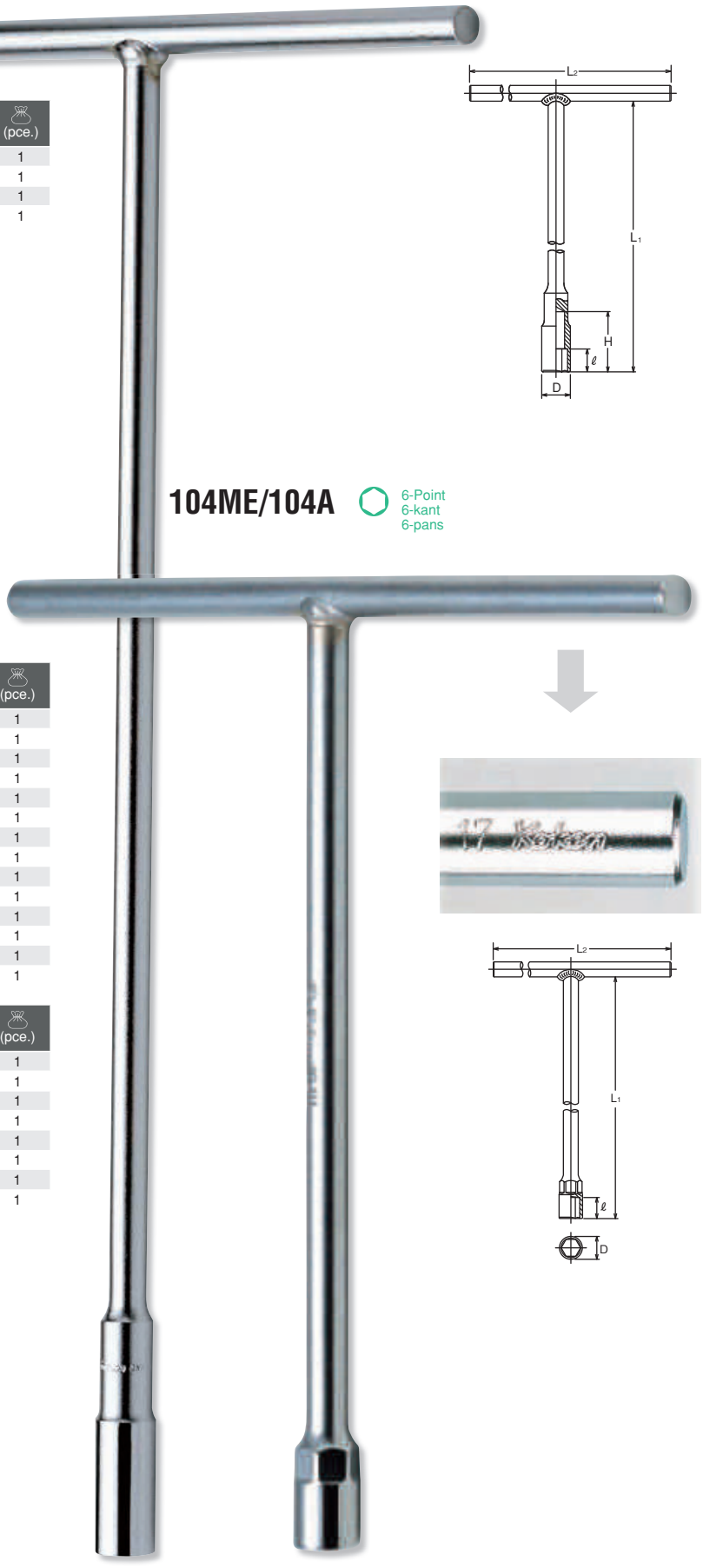
156M

6-Point Deep
6-kant, lang
Longues 6-pans

156M (mm)	D (mm)	ℓ (mm)	H (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
8	12	9	41	355	200	231	1
10	14.5	11	41	355	200	289	1
12	16.8	13	41	355	200	429	1
14	20	16	41	355	200	454	1

104ME/104A

6-Point
6-kant
6-pans



104ME (mm)	D (mm)	ℓ (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
6	9.5	8	200	180	150	1
7	11	9	200	180	152	1
8	12	10	250	200	183	1
9	14	12	250	200	188	1
10	14	13	250	200	230	1
11	16	14	250	200	234	1
12	18	15	250	200	355	1
13	18.5	17	250	250	390	1
14	20	18	250	250	399	1
15	21	19	250	250	404	1
16	22.5	21	250	250	419	1
17	24	22	250	250	568	1
18	25	23	250	250	577	1
19	26.5	25	250	250	594	1

104A (inch)	D (mm)	ℓ (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
1/4	9.5	8	200	180	150	1
5/16	12	10	250	200	183	1
3/8	14	12	250	200	188	1
7/16	16	14	250	200	234	1
1/2	18.5	17	300	250	412	1
9/16	20	18	300	250	428	1
5/8	22.5	21	350	300	528	1
3/4	26.5	25	350	300	717	1

3116M

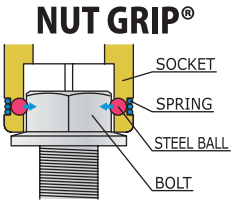
Universal with 6-point Socket
Gelenk mit 6-kant Steckschlüssel
Cardan avec douille 6-pans

124M-600 (2B)

Ball Joint plus Nut Grip Socket
Kugelgelenk mit 2-facher Kugelhalterung
Douilles articulées avec deux billes de retenue

3116M (mm)	D (mm)	ℓ (mm)	L_1 (mm)	L_2 (mm)	(g)	(pce.)
10	14.5	8	800	190	796	1
12	17	10.3	800	190	797	1
13	18	11.3	800	190	797	1
14	19.5	11.3	800	190	797	1
15	21	12.8	800	190	799	1
16	22	12.8	800	190	806	1
17	23.6	13.8	800	190	801	1
18	24	13.8	800	190	809	1

124M-600 (mm)	D (mm)	ℓ (mm)	L_1 (mm)	L_2 (mm)	(g)	(pce.)
8(2B)	12	5	600	200	332	1
10(2B)	14.5	6	600	200	334	1
12(2B)	16.8	7	600	200	424	1
13(2B)	18	8	600	200	425	1
14(2B)	19.5	8.5	600	200	527	1
17(2B)	23.3	9.5	600	200	538	1



NUT GRIP®

Twin balls at the 6-point opening hold bolt/nut tightly for safe and reliable work.

Die zwei Kugeln in der 6-kant Öffnung unserer NUT GRIP Steckschlüssel halten die Schraube sicher im Steckschlüssel. Dies erlaubt ein Arbeiten auch an schwer zugänglichen Stellen.

Les 2 billes dans l'ouverture du 6-pans de la douille retiennent l'écrou de manière sûre et efficace.

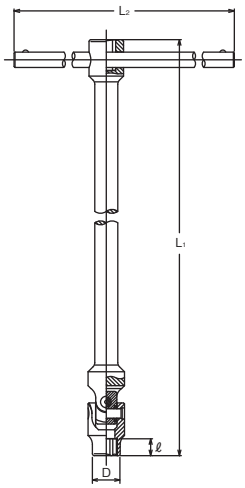
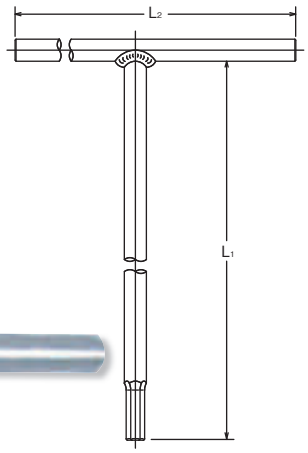


photo: 3116M

157HE

For Inhex Screws
Für Innensechskant-Schrauben
Pour vis à 6-pans creux

157HE (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
3	250	180	98	1
4	250	180	121	1
5	250	180	158	1
6	250	180	416	1
8	250	180	422	1
10	300	190	440	1
New **12**	320	210	660	1



157T

For TORX® Screws
Für TORX®-Schrauben
Pour vis TORX®

157T (T)	L1 (mm)	L2 (mm)	(g)	(pce.)
T25	250	180	95	1
T27	250	180	96	1
T30	250	180	167	1
T40	250	180	168	1
T45	250	180	213	1
T50	250	180	215	1

157S

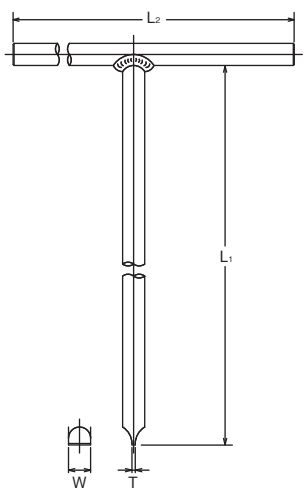
For Slotted Heads
Für Schlitzschrauben
Pour vis à fente

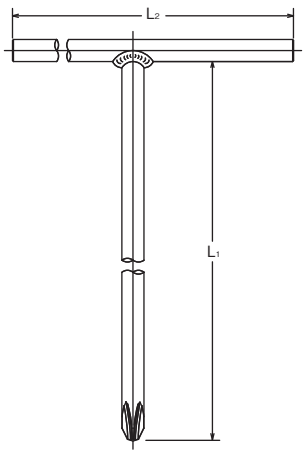
157S	T×W	L1 (mm)	L2 (mm)	(g)	(pce.)
6	1.0×6	200	180	84	1
8	1.2×8	250	180	170	1

157PE

For Phillips Screws
Für Kreuzschlitzschrauben, Phillips
Pour vis à empreinte Phillips

157PE (PH)	L1 (mm)	L2 (mm)	(g)	(pce.)
2	250	180	95	1
3	250	180	170	1





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T-Handles
T-Griffe
Poignées en T

2715 T-Handle / T-Griff / Poignée coulissante

3715 T-Handle / T-Griff / Poignée coulissante

3715S T-Handle / T-Griff / Poignée coulissante

3715SL T-Handle / T-Griff / Poignée coulissante

3715SLK OVAL Shank — T-Handle / T-Griff / Poignée coulissante

3716 Wobble-Fix — T-Handle / T-Griff / Poignée coulissante

	⧄	L1 (mm)	L2 (mm)	(g)	(pce.)
2715	1/4"	200	120	130	1

	⧄	L1 (mm)	L2 (mm)	(g)	(pce.)
3715	3/8"	268	240	386	1
3715S		268	190	347	1
3715SL		237	200	325	1
3715SLK		236	200	470	1
3716		268	240	379	1

2715/3715/3716
This tool is used sockets in hard to reach places. 3716 has a reduced square drive and similar function as offset extention bars.

photo: 3715SLK

4715

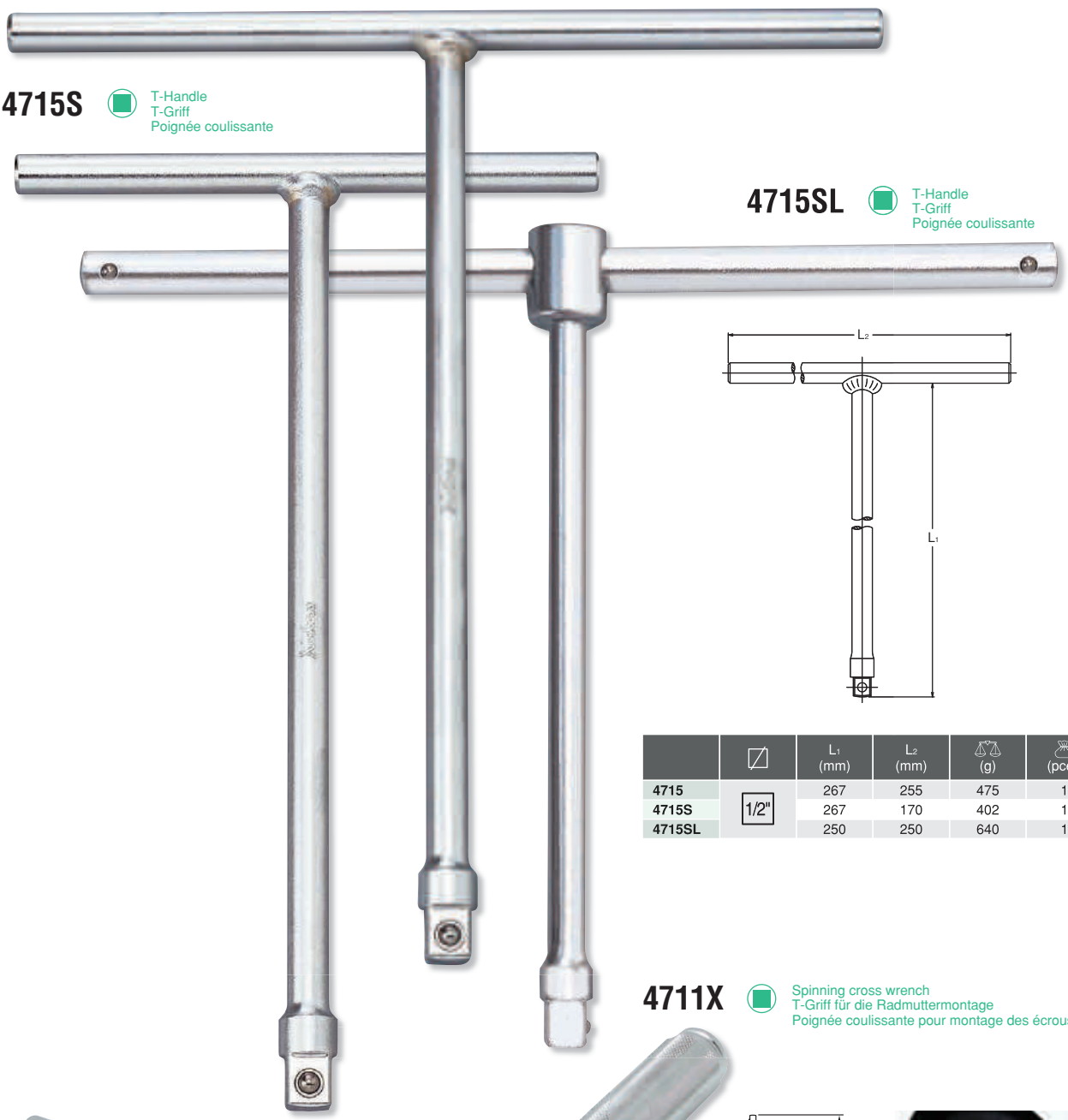
T-Handle
T-Griff
Poignée coulissante

4715S

T-Handle
T-Griff
Poignée coulissante

4715SL

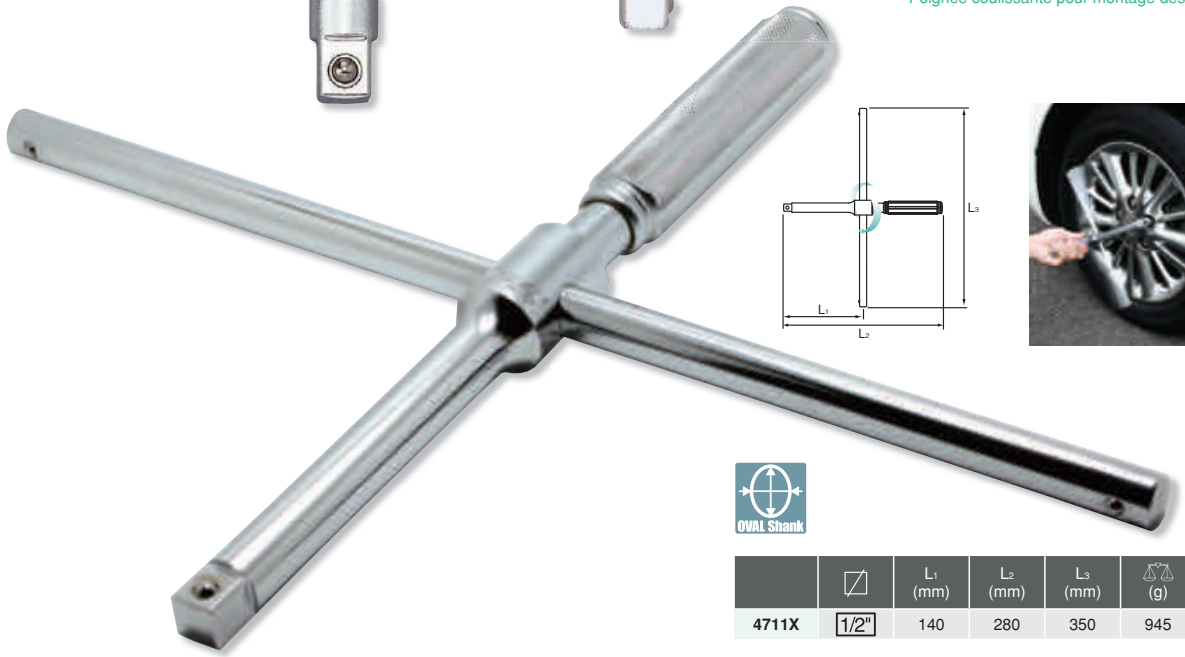
T-Handle
T-Griff
Poignée coulissante



	⧄	L1 (mm)	L2 (mm)	(g)	(pce.)
4715	1/2"	267	255	475	1
4715S		267	170	402	1
4715SL		250	250	640	1

4711X

Spinning cross wrench
T-Griff für die Radmuttermontage
Poignée coulissante pour montage des écrous à roue



OVAL Shank

	⧄	L1 (mm)	L2 (mm)	L3 (mm)	(g)	(pce.)
4711X	1/2"	140	280	350	945	1

3112G

Attack Driver
Hand-Schlagschrauber
Tournevis à frapper

	□	L (mm)	(g)	(pce.)
3112G	3/8"	159	810	1

* Renewal Kits → **3112RK** ➡ P289

	□	L (mm)	(g)	(pce.)
4112G	1/2"	163	810	1
4112N		163	730	1

* Renewal Kits → **4112RK** ➡ P289

4112G

Attack Driver
Hand-Schlagschrauber
Tournevis à frapper

	□	L (mm)	(g)	(pce.)
6112	3/4"	190	1900	1

* Renewal Kits → **6112RK** ➡ P289

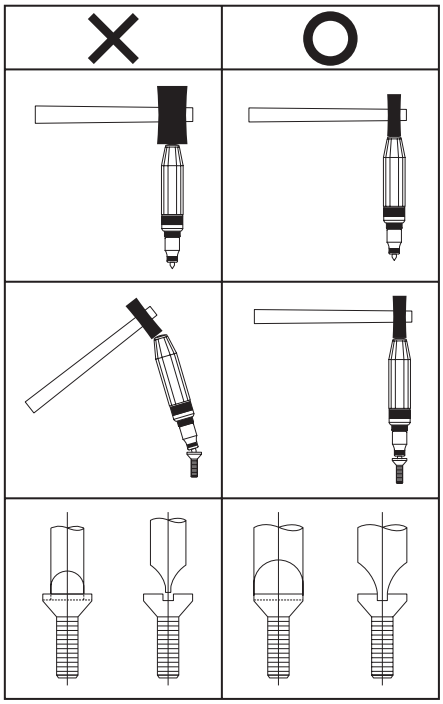
4112N

Attack Driver
Hand-Schlagschrauber
Tournevis à frapper

Black finished striking head prevents the problem of peeling.
Das geschwärzte Schlagende vermeidet das Abspringen von Chromteilen.
La finition "black finish" de la tête évite l'écaillement dû au chromage.

6112

Attack Driver
Hand-Schlagschrauber
Tournevis à frapper



AG112A

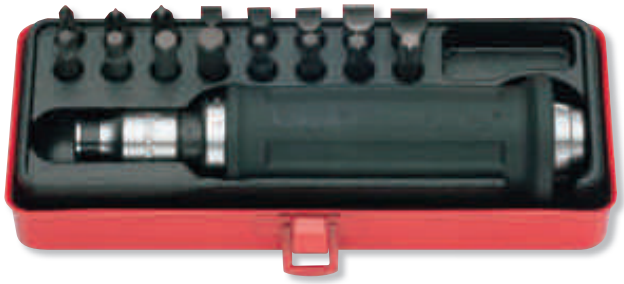
Attack Driver Set
Hand-Schlagschrauber-Satz
Jeu de tournevis à frapper

AG112A	6 Pieces Set/=1,150g
METAL CASE:W220×H82×T60mm	
Bits	Accessories
100P.32 Phillips Bits 2, 3	**4112G**
100S.32 Slotted Bits 9, 11	**4138**

AG112H

Attack Driver Set
Hand-Schlagschrauber-Satz
Jeu de tournevis à frapper

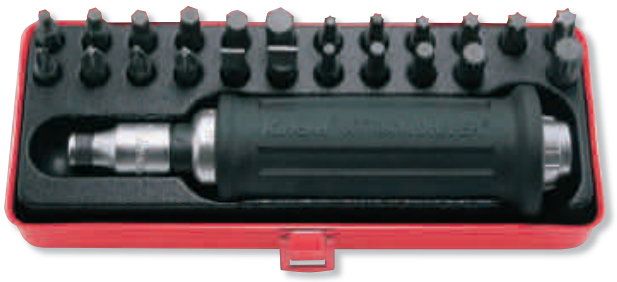
AG112H	18 Pieces Set/=1,480g
METAL CASE:W220×H82×T60mm	
Bits	Accessories
100P.32 Phillips Bits 2, 3, 4	**4112G**
100S.32 Slotted Bits 8, 9, 10, 12, 14	**4138**
100H.32 Hex Bits 5, 6, 8, 10	
100T.32 TORX® Bits T30, T40, T45, T50	



AG112F

Attack Driver Set
Hand-Schlagschrauber-Satz
Jeu de tournevis à frapper

AG112F	25 Pieces Set/=1,530g
METAL CASE:W220×H82×T60mm	
Bits	Accessories
100P.32 Phillips Bits 2, 3	**4112G**
100P.32 PZ Bits PZ2, PZ3	**4138**
100S.32 Slotted Bits 9, 11	
100H.32 Hex Bits 4, 5, 6, 7, 8, 10	
100T.32 TORX® Bits T25, T27, T30, T40, T45, T50	
100X.32 XZN Bits M5, M6, M8, M10, M12	



AN112A

Attack Driver Set
Hand-Schlagschrauber-Satz
Jeu de tournevis à frapper

AN112A	6 Pieces Set/=1,070g
METAL CASE:W190×H59×T45mm	
Bits	Accessories
100P.32 Phillips Bits 2, 3	**4112N**
100S.32 Slotted Bits 9, 11	**4138**

AN112C

Attack Driver Set
Hand-Schlagschrauber-Satz
Jeu de tournevis à frapper

AN112C	8 Pieces Set/=1,350g
METAL CASE:W220×H82×T60mm	
Bits	Accessories
100P.80 Phillips Bits 1, 2, 3	**4112N**
100S.80 Slotted Bits 7, 9, 12	**4138**

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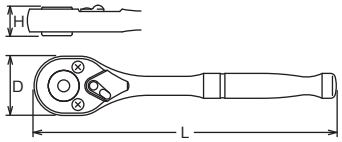
●1/4” ●5/16”

2749P-1/4HF

Reversible Ratchet, for Bits 1/4”
Knarre, verstellbar, für Bits 1/4”
Cliquet, réversible pour embouts 1/4”

2774P-1/4HF

Flexible Ratchet, reversible, for Bits 1/4”
Gelenk-Knarre, verstellbar, für Bits 1/4”
Cliquet á tête articulée pour embouts 1/4”



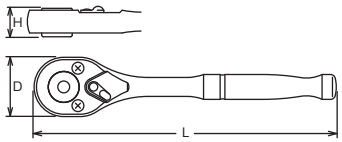
	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
2749P-1/4HF	25	12	125	96	10
2774P-1/4HF	25	12	165	133	2

2749P-5/16HF

Reversible Ratchet, for Bits 5/16”
Knarre, verstellbar für Bits 5/16”
Cliquet, réversible pour embouts 5/16”

2774P-5/16HF

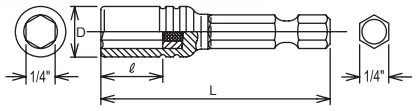
Flexible Ratchet, reversible, for Bits 5/16”
Gelenk-Knarre, verstellbar, für Bits 5/16”
Cliquet á tête articulée pour embouts 5/16”



	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
2749P-5/16HF	25	14	125	96	10
2774P-5/16HF	25	14	165	133	2

180M-50

Bit Holder with Magnet
Klingenhalter mit Magnet
Porte-embouts avec aimant



	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
180M-50	11	13.5	50	15	10

131P-80

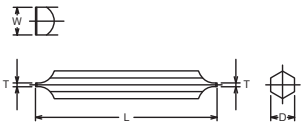
PH Bits
PH Bits
Embouts, PH

131P-80	⊕	D (mm)	L (mm)	(g)	(pcs.)
1	No.1×No.2	8	80	28	10
2	No.2×No.3	8	80	29	10
3	No.3×No.3	8	80	29	10

131S-80

Slotted Bits
Schlitz Bits
Embouts, fente

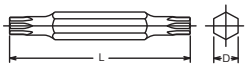
131S-80	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
6	1.0×6	8	80	29	10
7	1.0×7	8	80	29	10
8	1.2×8	8	80	30	10
9	1.6×9	8	80	31	10



131T-80

TORX® Bits
TORX® Bits
Embouts, TORX®

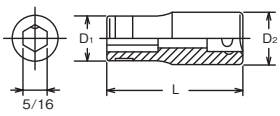
131T-80 (T)	D (mm)	L (mm)	(g)	(pcs.)
T10×T15	8	80	27	10
T20×T25	8	80	27	10
T27×T30	8	80	28	10



3141

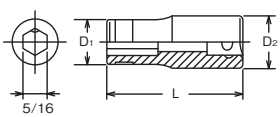
Bit Holder, extra deep for 131P-80, 131S-80, 131T-80
Klingenhalter, extra tief für 131P-80, 131S-80, 131T-80
Porte embouts, ouverture longue pour 131P-80, 131S-80, 131T-80

	◪	D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)
3141	3/8"	16	18	48	60	10
4141	1/2"	16	22	52	70	10



4141

Bit Holder, extra deep for 131P-80, 131S-80, 131T-80
Klingenhalter, extra tief für 131P-80, 131S-80, 131T-80
Porte embouts, ouverture longue pour 131P-80, 131S-80, 131T-80



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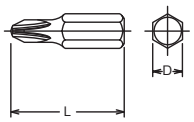
108P-25/-32/-50

PH Bits
PH Bits
Embouts, PH



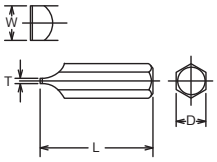
108P-25 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	25	5	10
2	6.35	25	5	10
3	6.35	25	6	10

108P-32 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	32	7	10
2	6.35	32	7	10
3	6.35	32	8	10

108P-50 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	50	10	10
2	6.35	50	11	10
3	6.35	50	11	10

108S-25/-39

Slotted Bits
Schlitz Bits
Embouts, fente

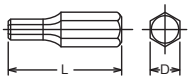


108S-25	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	0.5×3	6.35	25	3	10
4	0.6×4	6.35	25	3	10
4.5	0.6×4.5	6.35	25	4	10
5	0.8×5	6.35	25	5	10
5.5	0.8×5.5	6.35	25	5	10
6	1.0×6	6.35	25	5	10
8	1.2×8	6.35	25	6	10

108S-39	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	0.5×3	6.35	39	6	10
4	0.6×4	6.35	39	6	10
4.5	0.6×4.5	6.35	39	6	10
5	0.8×5	6.35	39	7	10
5.5	0.8×5.5	6.35	39	8	10
6	1.0×6	6.35	39	9	10
8	1.2×8	6.35	39	12	10

108H-25

Hex Bits
Sechskant Bits
Embouts, 6 pans creux

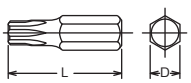


108H-25 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	6.35	25	4	10
4	6.35	25	5	10
5	6.35	25	5	10
6	6.35	25	6	10
7	6.35	25	7	10
8	6.35	25	8	10
10	6.35	25	11	10

108H-25 (inch)	D (mm)	L (mm)	(g)	(pcs.)
1/8	6.35	25	4	10
9/64	6.35	25	5	10
3/16	6.35	25	5	10
7/32	6.35	25	6	10
1/4	6.35	25	7	10

108T-25 (T)

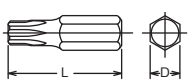
TORX® Bits
TORX® Bits
Embouts, TORX®



108T-25 (T)	D (mm)	L (mm)	(g)	(pcs.)
T10	6.35	25	4	10
T15	6.35	25	4	10
T20	6.35	25	5	10
T25	6.35	25	6	10
T27	6.35	25	6	10
T30	6.35	25	6	10
T40	6.35	25	6	10

108T-25 (TH)

Tamper-Resistant TORX® Bits
Tamper-Resistant TORX® Bits
Embouts TORX®, Tamper-Resistant

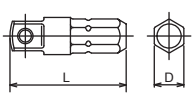


108T-25 (TH)	D (mm)	L (mm)	(g)	(pcs.)
T10H	6.35	25	4	10
T15H	6.35	25	4	10
T20H	6.35	25	5	10
T25H	6.35	25	6	10
T27H	6.35	25	6	10
T30H	6.35	25	6	10
T40H	6.35	25	6	10

Tamper Resistant TORX® Bits have less strength due to special design.
Make sure to use it correctly.

108A

Adaptor
Verbindungsstück
Adaptateur



108A-25	D (mm)	L (mm)	(g)	(pcs.)
New 1/4B	6.35	25	10	10

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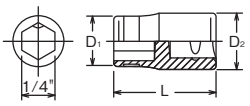
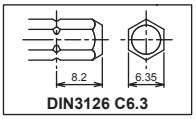


		D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
2137	1/4"	12	12	22.5	13	10
3137	3/8"	13	16.5	30	30	10
4137	1/2"	13	22	38	53	10

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts



D6.3

2137

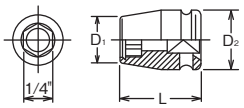
Bit Holder
Klingenhalter
Porte-embouts

3137

Bit Holder
Klingenhalter
Porte-embouts

4137

Bit Holder
Klingenhalter
Porte-embouts

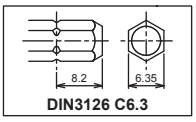


		D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
12139	1/4"	11	13	26	15	10	*1
13139	3/8"	11	19	30	32	10	*2
14139	1/2"	11	25	38	62	10	*3

*1 Pin/O-Ring=1200A/B
*2 C-Ring=1301C,Pin/O-Ring=1301A/B
*3 C-Ring=1401C,Pin/O-Ring=1401A/B

➡P238-239

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts



D6.3

12139

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

13139

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

14139

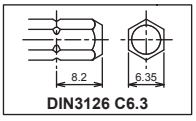
Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

		D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
13142-D6.3	3/8"	16	19	45	60	10	*1
14142-D6.3	1/2"	16	25	55	97	10	*2

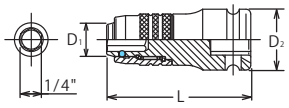
*1 C-Ring=1301C,Pin/O-Ring=1301A/B
*2 C-Ring=1401C,Pin/O-Ring=1401A/B

➡P238-239

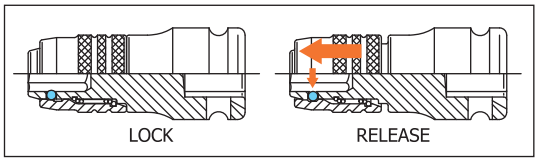
For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts



D6.3



Lock & Quick Release



13142-D6.3

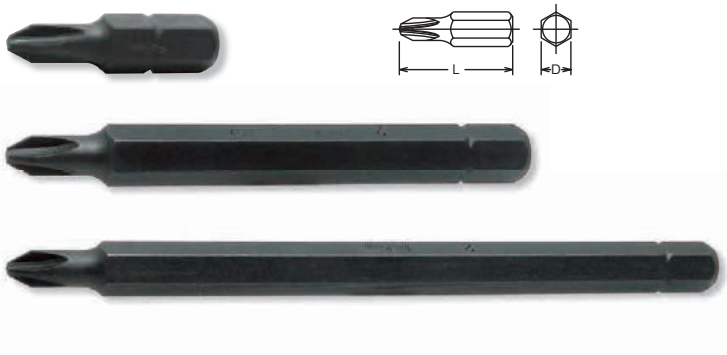
Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

14142-D6.3

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

100P-32/-80/-125

PH Bits
PH Bits
Embouts, PH



100P-32 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	8	32	11	10
2	8	32	11	10
3	8	32	12	10
4	8	32	12	10

100P-80 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	8	80	30	10
2	8	80	30	10
3	8	80	31	10
4	8	80	32	10

100P-125 (PH)	D (mm)	L (mm)	(g)	(pcs.)
2	8	125	48	10
3	8	125	49	10

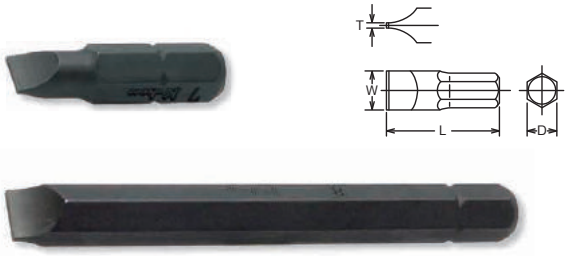
100P-32 (PZ)

PZ Bits
PZ Bits
Embouts, PZ

100P-32 (PZ)	D (mm)	L (mm)	(g)	(pcs.)
PZ2	8	32	10	10
PZ3	8	32	11	10

100S-32/-80

Slotted Bits
Schlitz Bits
Embouts, fente



100S-32	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
6	1 × 6	8	32	10	10
7	1 × 7	8	32	11	10
8	1.2× 8	8	32	12	10
9	1.6× 9	8	32	12	10
10	1.6×10	8	32	13	10
11	1.6×11	8	32	15	10
12	2 ×12	8	32	18	10
14	2 ×14	8	32	21	10

100S-80	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
6	1 × 6	8	80	29	10
7	1 × 7	8	80	30	10
8	1.2× 8	8	80	31	10
9	1.6× 9	8	80	32	10
10	1.6×10	8	80	33	10
11	1.6×11	8	80	33	10
12	2 ×12	8	80	34	10
14	2 ×14	8	80	37	10

100H-32

Hex Bits
Sechskant Bits
Embouts, 6 pans creux

100H-32 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	8	32	11	10
4	8	32	11	10
5	8	32	12	10
6	8	32	12	10
7	8	32	13	10
8	8	32	13	10
10	8	32	16	10
12	8	32	23	10
14	8	32	29	10

100T-32 (T)

TORX® Bits
TORX® Bits
Embouts, TORX®

100T-32 (T)	D (mm)	L (mm)	(g)	(pcs.)
T10	8	32	9	10
T15	8	32	9	10
T20	8	32	9	10
T25	8	32	10	10
T27	8	32	10	10
T30	8	32	11	10
T40	8	32	12	10
T45	8	32	12	10
T50	8	32	12	10
T55	8	32	12	10

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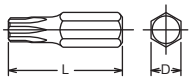
100T-32 (TH)

Tamper-Resistant TORX® Bits
Tamper-Resistant TORX® Bits
Embouts TORX®, Tamper-Resistant

100T-32 (TH)	D (mm)	L (mm)	(g)	(pcs.)
T10H	8	32	9	10
T15H	8	32	9	10
T20H	8	32	9	10
T25H	8	32	10	10
T27H	8	32	10	10
T30H	8	32	11	10
T40H	8	32	12	10
T45H	8	32	12	10
T50H	8	32	12	10
T55H	8	32	12	10

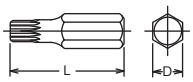


Tamper Resistant TORX® Bits have less strength due to special design.
Make sure to use it correctly.

100X-32 (XZN)

XZN Bits
XZN Bits
Embouts, XZN

100X-32	D (mm)	L (mm)	(g)	(pcs.)
M 5	8	32	10	10
M 6	8	32	11	10
M 8	8	32	12	10
M10	8	32	16	10
M12	8	32	19	10

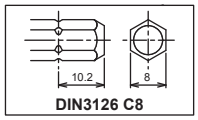


2138

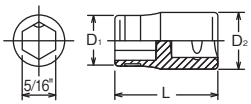
Bit Holder
Klingenhalter
Porte-embouts

		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)
2138	1/4"	16	16	26	32	10
3138	3/8"	16	18	38	55	10
4138	1/2"	16	22	38	62	10

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts



D8



3138

Bit Holder
Klingenhalter
Porte-embouts

4138

Bit Holder
Klingenhalter
Porte-embouts

12140

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
12140	1/4"	14	13	26	15	10	*1
13140	3/8"	14	19	30	32	10	*2
14140	1/2"	14	25	38	62	10	*3

*1 Pin/O-Ring=1200A/B
*2 C-Ring=1301C,Pin/O-Ring=1301A/B
*3 C-Ring=1401C,Pin/O-Ring=1401A/B

➡P238-239

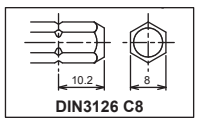
13140

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

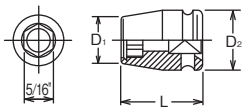
14140

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts



D8



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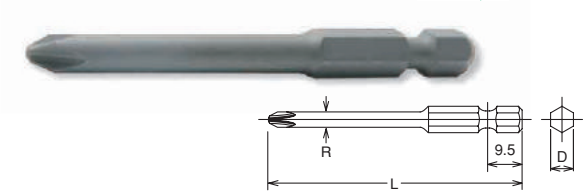
121P-50/-70/-100/-150

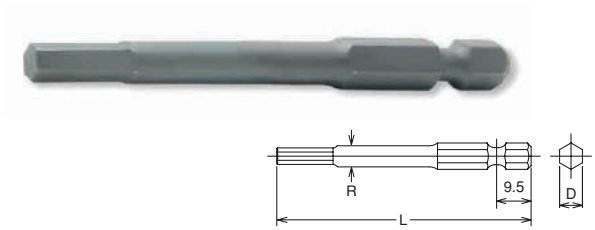
PH Bits
PH Bits
Embouts, PH



121P-50 (PH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
1	6.35	4.5	50	12	10
2	6.35	5.5	50	12	10
3	6.35	–	50	13	10

121H-50/-70/-100/-150

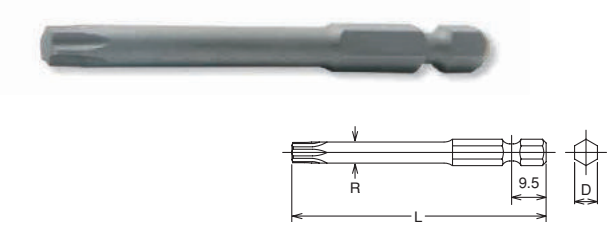
Hex Bits
Sechskant Bits
Embouts, 6 pans creux



	121H-50 (mm)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
New	2.5	6.35	3.0	50	12	10
	3	6.35	3.5	50	12	10
	4	6.35	4.5	50	12	10
	5	6.35	5.6	50	13	10
	6	6.35	–	50	14	10

121T-50/-70/-100/-150 (T)

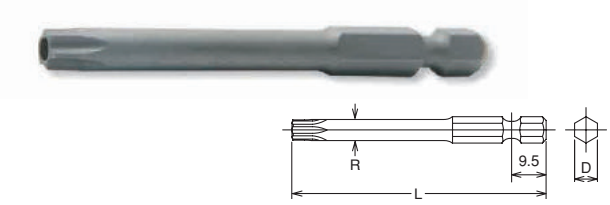
TORX® Bits
TORX® Bits
Embouts, TORX®



	121T-50 (T)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
New	T10	6.35	3.0	50	12	10
New	T15	6.35	3.5	50	12	10
	T20	6.35	4.1	50	12	10
	T25	6.35	4.6	50	12	10
	T27	6.35	5.2	50	13	10
	T30	6.35	5.7	50	13	10
	T40	6.35	–	50	14	10

121T-70/-100 (TH)

Tamper-Resistant TORX® Bits
Tamper-Resistant TORX® Bits
Embouts TORX®, Tamper-Resistant



121P-70 (PH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
1	6.35	4.5	70	15	10
2	6.35	5.5	70	15	10
3	6.35	–	70	16	10

121P-100 (PH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
1	6.35	4.5	100	23	10
2	6.35	5.5	100	23	10
3	6.35	–	100	24	10

121P-150 (PH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
1	6.35	4.5	150	30	10
2	6.35	5.5	150	35	10
3	6.35	–	150	36	10

	121H-70 (mm)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
New	2.5	6.35	4.0	70	15	10
	3	6.35	4.0	70	15	10
	4	6.35	4.5	70	15	10
	5	6.35	5.6	70	16	10
	6	6.35	–	70	18	10

	121H-100 (mm)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
New	2.5	6.35	4.0	100	23	10
	3	6.35	4.0	100	23	10
	4	6.35	4.5	100	23	10
	5	6.35	5.6	100	24	10
	6	6.35	–	100	26	10

121H-150 (mm)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
3	6.35	4.5	150	37	10
4	6.35	5.0	150	37	10
5	6.35	6.0	150	38	10
6	6.35	–	150	39	10

	121T-70 (T)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
New	T10	6.35	3.5	70	16	10
New	T15	6.35	3.5	70	16	10
	T20	6.35	4.1	70	16	10
	T25	6.35	4.6	70	16	10
	T27	6.35	5.2	70	17	10
	T30	6.35	5.7	70	17	10
	T40	6.35	–	70	18	10

	121T-100 (T)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
New	T10	6.35	3.5	100	24	10
New	T15	6.35	4.0	100	24	10
	T20	6.35	4.1	100	24	10
	T25	6.35	4.6	100	24	10
	T27	6.35	5.2	100	24	10
	T30	6.35	5.7	100	25	10
	T40	6.35	–	100	26	10

	121T-150 (T)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
New	T15	6.35	4.0	150	37	10
	T20	6.35	4.5	150	37	10
	T25	6.35	5.0	150	37	10
	T27	6.35	5.6	150	37	10
	T30	6.35	6.0	150	38	10
	T40	6.35	–	150	39	10

121T-70 (TH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
T20H	6.35	4.1	70	16	10
T25H	6.35	4.6	70	16	10
T27H	6.35	5.2	70	17	10
T30H	6.35	5.7	70	17	10
T40H	6.35	–	70	18	10

121T-100 (TH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
T20H	6.35	4.1	100	24	10
T25H	6.35	4.6	100	24	10
T27H	6.35	5.2	100	24	10
T30H	6.35	5.7	100	25	10
T40H	6.35	–	100	26	10

⚠ Tamper Resistant TORX® Bits have less strength due to special design.
Make sure to use it correctly.

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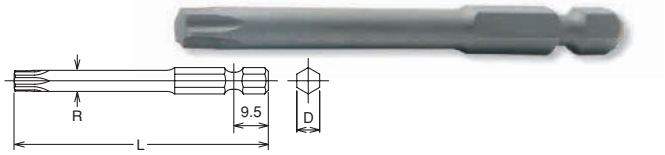
121T-50/-70 (IP)

TORX PLUS® Bits
TORX PLUS® Bits
Embouts TORX PLUS®

121T-50 (IP)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
20IP	6.35	4.1	50	12	10
25IP	6.35	4.6	50	12	10
27IP	6.35	5.2	50	13	10
30IP	6.35	5.7	50	13	10
40IP	6.35	–	50	14	10

121T-70 (IP)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
20IP	6.35	4.1	70	16	10
25IP	6.35	4.6	70	16	10
27IP	6.35	5.2	70	17	10
30IP	6.35	5.7	70	17	10
40IP	6.35	–	70	18	10

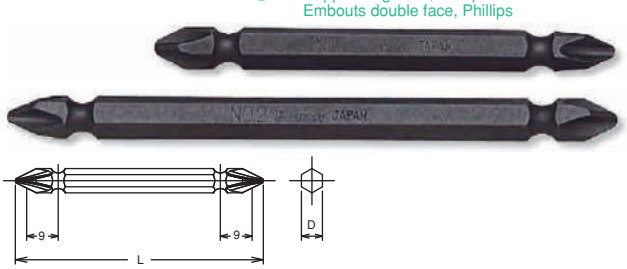


123P-75/-100

Double ended Bits, Phillips
Doppelseitige bits, Phillips
Embouts double face, Phillips

123P-75	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	75	16	10
2	6.35	75	16	10
3	6.35	75	17	10

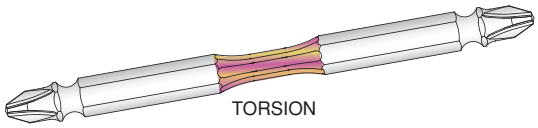
123P-100	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	100	23	10
2	6.35	100	23	10
3	6.35	100	24	10

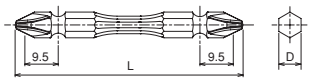


123PT-75/-100

Double ended Torsion Bits, Phillips
Doppelseitige Torsionsbits, Phillips
Embouts torsion double face, Phillips

123PT (PH)	D (mm)	L (mm)	(g)	(pcs.)
2	6.35	75	18	10
2	6.35	100	24	10

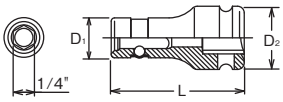




12137E
13137E
14137E

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

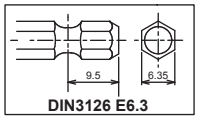
		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
12137E	1/4"	12	13	36	22	10	*1
13137E	3/8"	12	19	40	40	10	*2
14137E	1/2"	12	25	48	70	10	*3



*1 Pin/O-Ring=1200A/B
*2 C-Ring=1301C, Pin/O-Ring=1301A/B
*3 C-Ring=1401C, Pin/O-Ring=1401A/B

➡P238-239

For DIN3126 E6.3 Bits
Für DIN3126 E6.3 Bits
Pour DIN3126 E6.3 Embouts



F6.3

12137E, 13137E and 14147E can be used with various 1/4" bits, DIN 3126-C6.3, DIN 3126-E6.3 and Double ended type.

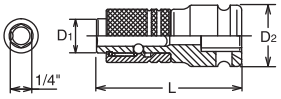
Die neuen Bithalter können für alle 1/4" Bits DIN 3126-C6.3, DIN 3126-E6.3 und für doppelseitige Bits verwendet werden.

Ces nouveaux porte embouts peuvent être utilisés avec tous les embouts 1/4" DIN 3126 E-6.3 et DIN 3126 C6.3

12142-F6.3
13142-F6.3
14142-F6.3

Impact Bit Holder (Quick Release)
Impact Klingenhalter (Quick Release)
Porte embouts Impact (Quick Release)

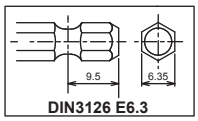
		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
12142-F6.3	1/4"	16.5	13	36	22	10	*1
13142-F6.3	3/8"	16.5	19	45	60	10	*2
14142-F6.3	1/2"	16.5	25	55	100	10	*3



*1 Pin/O-Ring=1200A/B
*2 C-Ring=1301C, Pin/O-Ring=1301A/B
*3 C-Ring=1401C, Pin/O-Ring=1401A/B

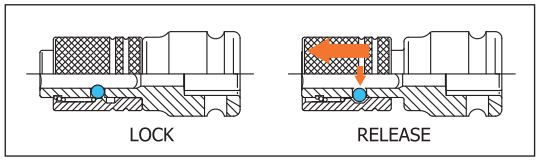
➡P238-239

For DIN3126 E6.3 Bits
Für DIN3126 E6.3 Bits
Pour DIN3126 E6.3 Embouts



F6.3

Lock & Quick Release



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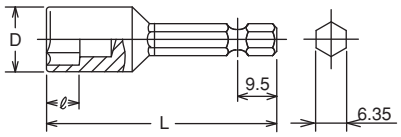
113

Nut Setters
Steckschlüssel Klingen
Embouts pour écrous

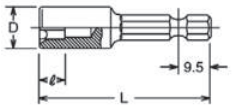


113 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5.5	9	4	50	15	10
6	10	5	50	17	10
7	11	5	50	19	10
8	12	6	50	20	10
10	14.2	7	50	31	10
12	17	8	50	39	10
13	18	8	50	42	10
14	19	9	50	46	10

113 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	10	5	50	17	10
5/16	12	6	50	20	10
3/8	14.2	7	50	31	10
1/2	18	8	50	42	10

113 (E)

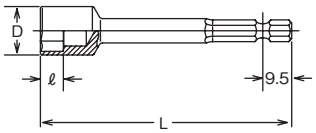
Nut Setters, TORX®
Steckschlüssel Klingen, TORX®
Embouts pour écrous, TORX®



113 (E)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 4	6.1	4.5	50	12	10
E 5	7.5	4.5	50	15	10
E 6	8.3	5.0	50	17	10
E 7	8.8	5.8	50	18	10
E 8	10.1	6.6	50	19	10
E10	12	7.4	50	20	10

113-75/-100/-150/-200/-250

Nut Setters
Steckschlüssel Klingen
Embouts pour écrous



113-75 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	75	31	10
8	12.7	6	75	32	10
10	14.5	7	75	35	10
12	17	8	75	42	10
13	18	8	75	41	10
14	19	9	75	43	10

113-100 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	100	40	10
8	12.7	6	100	41	10
10	14.5	7	100	45	10
12	17	8	100	52	10
13	18	8	100	51	10
14	19	9	100	53	10

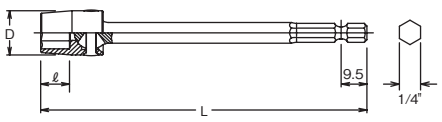
113-150 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	150	59	10
8	12.7	6	150	60	10
10	14.5	7	150	64	10
12	17	8	150	70	10
13	18	8	150	76	10
14	19	9	150	78	10

113-200 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	200	78	10
8	12.7	6	200	79	10
10	14.5	7	200	83	10
12	17	8	200	91	10
13	18	8	200	93	10
14	19	9	200	95	10

113-250 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	250	99	10
8	12.7	6	250	100	10
10	14.5	7	250	105	10
12	17	8	250	113	10
13	18	8	250	114	10
14	19	9	250	119	10

113UN-100/-150/-200

6-point Universal Joint Nut Setters
6-kant Steckschlüsselklingen mit Gelenk
Douilles 6-pans universelles à embout



113UN-100 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	13	7	100	50	10
10	15	8	100	53	10
12	17	10	100	56	10
13	18	10	100	65	10
14	19.2	10	100	67	10

113UN-150 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	13	7	150	65	10
10	15	8	150	70	10
12	17	10	150	77	10
13	18	10	150	92	10
14	19.2	10	150	92	10

113UN-200 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	13	7	200	75	10
10	15	8	200	87	10
12	17	10	200	98	10
13	18	10	200	116	10
14	19.2	10	200	116	10

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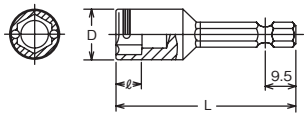
113-50 (2B)

Nut Setters, with 2 Balls
Steckschlüssel Klingen, mit 2-facher Kugelhalterung
Douilles à billes de retenue
Nut Grip®

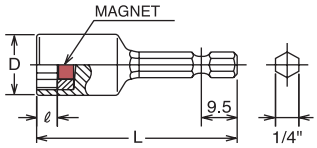


113-50 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7(2B)	11	5	50	20	10
8(2B)	12	6	50	21	10
10(2B)	14.2	7	50	26	10
13(2B)	18	8	50	31	10

113-50 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3/8(2B)	14.2	7	50	26	10

115

Nut Setters with Magnet
Steckschlüssel Klingen mit Magnet
Embouts avec aimant pour écrous

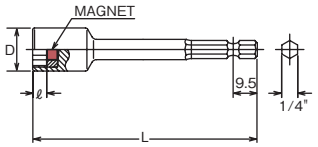


115 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5.5	9	2.1	50	15	10
6	10	2.4	50	17	10
7	11	2.8	50	19	10
8	12	3.5	50	20	10
10	14.2	4.2	50	29	10
12	17	5.6	50	40	10
13	18	6	50	50	10
14	19	6.4	50	60	10

115 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	10	2.4	50	17	10
5/16	12	3.5	50	20	10
3/8	14.2	4.2	50	29	10
1/2	18	6	50	50	10

115-75/-100/-150/-200/-250

Nut Setters with Magnet
Steckschlüssel Klingen mit Magnet
Embouts avec aimant pour écrous



115-75 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	75	32	10
8	12.7	3.5	75	33	10
10	14.5	4.2	75	38	10
12	17	5.6	75	46	10
13	18	6	75	49	10
14	19	6.4	75	52	10

115-100 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	100	41	10
8	12.7	3.5	100	42	10
10	14.5	4.2	100	50	10
12	17	5.6	100	58	10
13	18	6	100	62	10
14	19	6.4	100	65	10

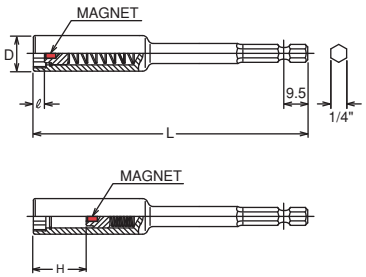
115-150 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	150	60	10
8	12.7	3.5	150	61	10
10	14.5	4.2	150	68	10
12	17	5.6	150	77	10
13	18	6	150	82	10
14	19	6.4	150	85	10

115-200 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	200	79	10
8	12.7	3.5	200	80	10
10	14.5	4.2	200	88	10
12	17	5.6	200	97	10
13	18	6	200	102	10
14	19	6.4	200	105	10

115-250 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	250	101	10
8	12.7	3.5	250	103	10
10	14.5	4.2	250	110	10
12	17	5.6	250	118	10
13	18	6	250	122	10
14	19	6.4	250	124	10

115G-75/-100/-150/-200

Nut Setters with sliding Magnet
Steckschlüssel Klingen mit versenkbarem Magnet
Embouts avec aimant, glissant pour écrous

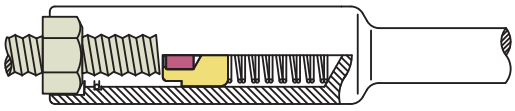


115G-75 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)	(pcs.)
7	11.5	3.5	26	75	34	10
8	12.7	4	26	75	41	10
10	14.5	4.5	26	75	48	10
12	17	6	26	75	65	10
13	18	6.5	25	75	70	10
14	19	7	24	75	73	10

115G-100 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)	(pcs.)
7	11.5	3.5	26	100	51	10
8	12.7	4	26	100	51	10
10	14.5	4.5	26	100	57	10
12	17	6	26	100	77	10
13	18	6.5	25	100	80	10
14	19	7	24	100	82	10

115G-150 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)	(pcs.)
7	11.5	3.5	26	150	67	10
8	12.7	4	26	150	70	10
10	14.5	4.5	26	150	77	10
12	17	6	26	150	95	10
13	18	6.5	25	150	100	10
14	19	7	24	150	105	10

115G-200 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)	(pcs.)
7	11.5	3.5	26	200	86	10
8	12.7	4	26	200	89	10
10	14.5	4.5	26	200	96	10
12	17	6	26	200	119	10
13	18	6.5	25	200	125	10
14	19	7	24	200	128	10



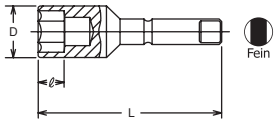
Sliding magnet system provides bolt clearance and magnetic function at the same time. The item 115G is mainly designed for assembly line work.

Die Steckschlüsselklinge mit versenkbarem Magnet bietet die Funktion eines Haltemagneten und genügend Freiraum für überstehende Bolzen. Dieses Werkzeug eignet sich vor allem für Montagearbeiten.

L'embout avec aimant glissant offre une fonction d'aimant et laisse assez d'espace pour des goujons surmontés. L'objet 115G a été conçu spécialement pour le travail d'assemblage.

118

Nut Setters
Steckschlüssel Klingen
Embouts pour écrous

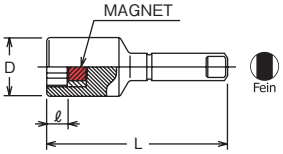


118 (mm)	D (mm)	ℓ (mm)	L (mm)	⚖ (g)	(pcs.)
5.5	9	4	50	16	10
6	10	5	50	19	10
7	11	5	50	21	10
8	12	6	50	21	10
10	14.2	7	50	34	10
12	17	8	50	41	10
13	18	8	50	46	10

118 (inch)	D (mm)	ℓ (mm)	L (mm)	⚖ (g)	(pcs.)
1/4	10	5	50	19	10
5/16	12	6	50	21	10
3/8	14.2	7	50	34	10
1/2	18	8	50	46	10

119

Nut Setters with Magnet
Steckschlüssel Klingen mit Magnet
Embouts avec aimant pour écrous

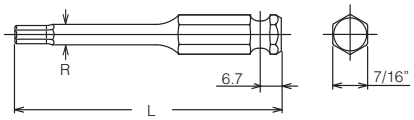


119 (mm)	D (mm)	ℓ (mm)	L (mm)	⚖ (g)	(pcs.)
5.5	9	2.1	50	17	10
6	10	2.4	50	20	10
7	11	2.8	50	22	10
8	12	3.5	50	23	10
10	14.2	4.2	50	30	10
12	17	5.6	50	42	10
13	18	6	50	52	10

119 (inch)	D (mm)	ℓ (mm)	L (mm)	⚖ (g)	(pcs.)
1/4	10	1.8	50	20	10
5/16	12	3.5	50	23	10
3/8	14.2	4.2	50	30	10

183H-35/-75/-150

Hex Bits
Sechskant Bits
Embouts, 6 pans creux



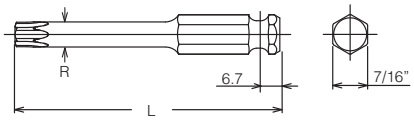
	183H-35 (mm)	L (mm)	(g)	(pcs.)
New	3	35	15	10
New	4	35	15	10
New	5	35	15	10
New	6	35	18	10
New	8	35	20	10
New	10	35	26	10
New	12	35	30	10
New	14	35	35	10

	183H-75 (mm)	L (mm)	R (mm)	(g)	(pcs.)
New	3	75	6.0	48	10
New	4	75	6.0	48	10
New	5	75	6.5	49	10
New	6	75	7.5	51	10
New	8	75	9.5	52	10
New	10	75	–	57	10
New	12	75	–	65	10
New	14	75	–	79	10

	183H-150 (mm)	L (mm)	R (mm)	(g)	(pcs.)
New	4	150	6.0	111	10
New	5	150	6.5	112	10
New	6	150	7.5	114	10
New	8	150	9.5	118	10
New	10	150	–	124	10
New	12	150	–	131	10

183T-35/-75/-150(T)

TORX® Bits
TORX® Bits
Embouts, TORX®



	183T-35 (T)	L (mm)	(g)	(pcs.)
New	T30	35	18	10
New	T40	35	20	10
New	T45	35	22	10
New	T50	35	26	10
New	T55	35	30	10
New	T60	35	38	10

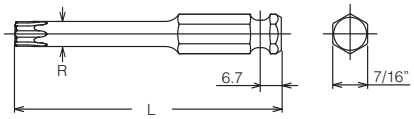
	183T-75 (T)	L (mm)	R (mm)	(g)	(pcs.)
New	T30	75	6.0	48	10
New	T40	75	6.9	49	10
New	T45	75	8.0	51	10
New	T50	75	9.0	52	10
New	T55	75	11.4	57	10
New	T60	75	13.5	67	10

	183T-150 (T)	L (mm)	R (mm)	(g)	(pcs.)
New	T30	150	6.0	113	10
New	T40	150	6.9	114	10
New	T45	150	8.0	116	10
New	T50	150	9.0	118	10
New	T55	150	11.4	124	10

183T-35/-75(IP)

TORXplus®

TORXPLUS® Bits
TORXPLUS® Bits
Embouts TORXPLUS®



	183T-35 (IP)	L (mm)	(g)	(pcs.)
New	30IP	35	18	10
New	40IP	35	20	10
New	45IP	35	22	10
New	50IP	35	26	10
New	55IP	35	30	10
New	60IP	35	38	10

	183T-75 (IP)	L (mm)	R (mm)	(g)	(pcs.)
New	30IP	75	6.0	48	10
New	40IP	75	6.8	49	10
New	45IP	75	8.0	51	10
New	50IP	75	9.0	52	10
New	55IP	75	11.4	57	10
New	60IP	75	13.5	67	10

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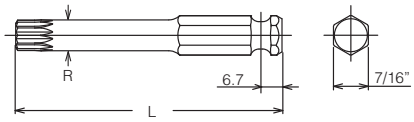
183X-35/-75/-150(XZN)

XZN Bits
XZN Bits
Embouts, XZN



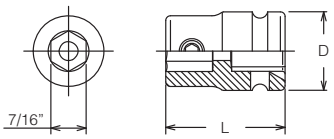
	183X-35 (XZN)	L (mm)	(g)	(pcs.)
New	M 5	35	18	10
New	M 6	35	20	10
New	M 8	35	22	10
New	M10	35	26	10
New	M12	35	30	10
New	M14	35	38	10

	183X-75 (XZN)	L (mm)	R (mm)	(g)	(pcs.)
New	M 5	75	6.0	48	10
New	M 6	75	6.2	49	10
New	M 8	75	7.4	51	10
New	M10	75	9.8	52	10
New	M12	75	11.7	57	10
New	M14	75	13.5	67	10

	183X-150 (XZN)	L (mm)	R (mm)	(g)	(pcs.)
New	M 5	150	6.0	112	10
New	M 6	150	6.2	113	10
New	M 8	150	7.4	115	10
New	M10	150	9.8	120	10
New	M12	150	11.7	125	10

13134
14134
16134

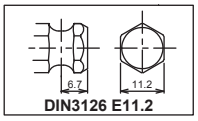
Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact



			D (mm)	L (mm)	(g)	(pcs.)	
New	13134	3/8”	22	32	70	10	*1
New	14134	1/2”	25	38	90	10	*2
New	16134	3/4”	44	52	200	2	*3

*1 C-Ring=1302C,Pin/O-Ring=1302A/B
*2 C-Ring=1401C,Pin/O-Ring=1401A/B ➡P238-239
*3 C-Ring=1600C,Pin/O-Ring=1601A/B

For DIN3126 E11.2 Bits
Für DIN3126 E11.2 Bits
Pour DIN3126 E11.2 Embouts

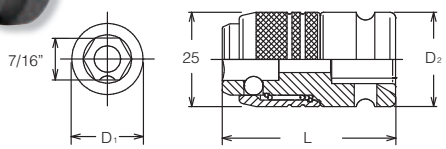


F11.2

Replacement Screw : M8×5, ⬢ 4mm
Ersatzschraube : M8×5, ⬢ 4mm
Vis de remplacement : M8×5, ⬢ 4mm

13142-F11.2
14142-F11.2

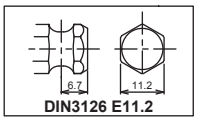
Impact Bit Holder (Quick Release)
Impact Klingenhalter (Quick Release)
Porte embouts Impact (Quick Release)



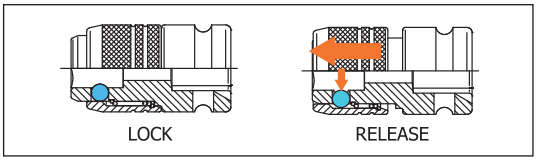
			D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
New	13142-F11.2	3/8”	18.9	22	46	116	10	*1
New	14142-F11.2	1/2”	18.9	25	46	207	10	*2

*1 C-Ring=1302C,Pin/O-Ring=1302A/B
*2 C-Ring=1401C,Pin/O-Ring=1401A/B ➡P238-239

For DIN3126 E11.2 Bits
Für DIN3126 E11.2 Bits
Pour DIN3126 E11.2 Embouts



F11.2

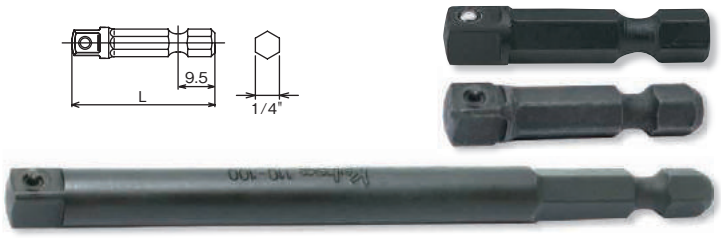


110-35B/-50B/-100B/-150B -35P/-50P/-100P/-150P

Adaptors
Verbindungsstücke
Adaptateurs

110	☐	TYPE	L (mm)	(g)	(pcs.)
35B	1/4"	Ball	35	9	10
35P		Pin	35	9	10
50B		Ball	50	15	10
50P		Pin	50	15	10
100B		Ball	100	34	10
100P		Pin	100	34	10
150B		Ball	150	54	10
150P		Pin	150	54	10

● DIN 3126 Form E 6.3

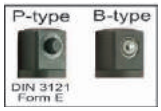


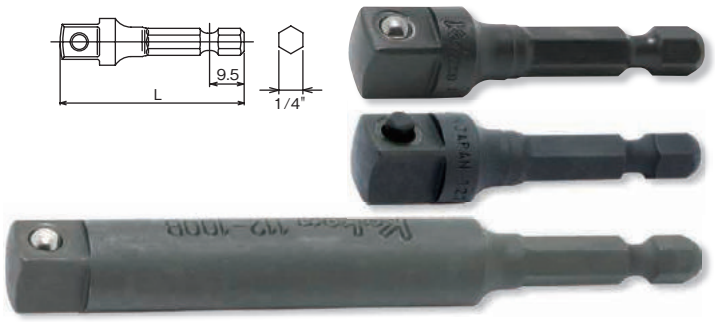
112-50B/-100B/-150B -50P/-100P/-150P

Adaptors
Verbindungsstücke
Adaptateurs

112	☐	TYPE	L (mm)	(g)	(pcs.)
50B	3/8"	Ball	50	22	10
50P		Pin	50	22	10
100B		Ball	100	71	10
100P		Pin	100	71	10
150B		Ball	150	121	10
150P		Pin	150	121	10

● DIN 3126 Form E 6.3



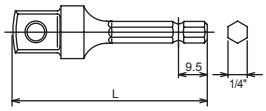


135E-60B/-60P

Adaptor
Verbindungsstück
Adaptateurs

135E	☐	TYPE	L (mm)	(g)	(pcs.)
60B	1/2"	Ball	60	46	10
60P		Pin	60	46	10

● DIN 3126 Form E 6.3

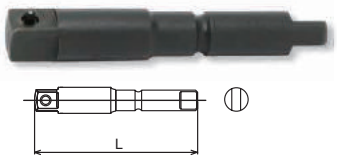


117-50B/-100B -50P/-100P

Adaptors
Verbindungsstücke
Adaptateurs

117	☐	TYPE	L (mm)	(g)	(pcs.)
50B	1/4"	Ball	50	15	10
50P		Pin	50	15	10
100B		Ball	100	71	10
100P		Pin	100	71	10

◐ DIN 3126 Form G7

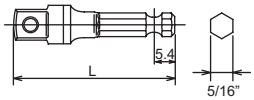


120-50B/-50P

Adaptor
Verbindungsstück
Adaptateurs

120	☐	TYPE	L (mm)	(g)	(pcs.)
50B	3/8"	Ball	50	27	10
50P		Pin	50	27	10

● DIN 3126 Form E 8

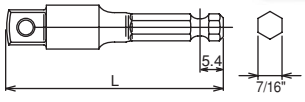


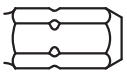
186-75P

Adaptor
Verbindungsstück
Adaptateurs

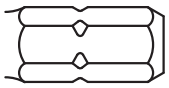
186	☐	L (mm)	(g)	(pcs.)
75P	3/8"	75	65	10
75P	1/2"	75	85	10

● DIN 3126 Form E 11.2

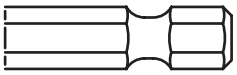




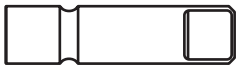
DIN 3126
Form C6.3



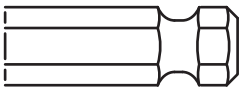
DIN 3126
Form C8



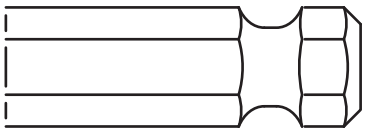
DIN 3126
Form E6.3



DIN 3126
Form G7



DIN 3126
Form E8

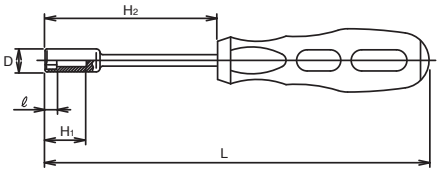


DIN 3126
Form E11.2

SCREWDRIVERS
SCHRAUBENDREHER
TOURNEVIS

167M / 167A

Socket Drivers
Sechskant Steckschlüssel, mit Griff
Clé à douille avec manche



167M (mm)	D (mm)	ℓ (mm)	H1 (mm)	H2 (mm)	L (mm)	(g)	(pcs.)
3	5.8	3	25	125	225	62	6
3.5	5.8	3	25	125	225	62	6
4	6.7	3.5	25	125	225	64	6
4.5	7.2	4.5	25	125	225	65	6
5	7.8	5	25	125	225	66	6
5.5	8.4	5.5	25	125	225	68	6
6	9.1	6	25	125	225	70	6
7	10.9	6.5	25	125	235	101	6
8	12	7	25	125	235	103	6
9	13.2	7.5	25	125	235	107	6
10	14.5	8	25	125	235	111	6
11	15.9	8.5	25	125	245	155	6
12	16.8	9	25	125	245	161	6
13	18.2	9.5	25	125	245	167	6
14	19.2	11	25	125	245	178	6

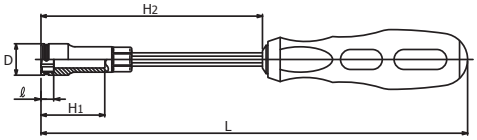
167A (inch)	D (mm)	ℓ (mm)	H1 (mm)	H2 (mm)	L (mm)	(g)	(pcs.)
1/4	9.1	6	25	125	225	70	6

167C (2B)

167C/3-2B

Interchangeable Socket Driver, **Nut Grip®**
Universalgriff mit auswechselbaren **Nut Grip®** Steckschlüsselklingen
Clé à douille interchangeable avec mánche NUT **Nut Grip®**

Set 3 pieces
Satz 3teilig
Jeu de 3 tournevis



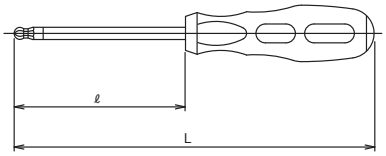
167C(2B) (mm)	D (mm)	ℓ (mm)	H1 (mm)	H2 (mm)	L (mm)	(g)	(pcs.)
7(2B)	11.5	4	38	122	235	120	6
8(2B)	12.3	5	38	122	235	125	6
10(2B)	14.2	6	38	122	235	130	6
12(2B)	17.3	7	38	122	235	135	6

167C/3-2B	4 Pieces Set/=280g
PLASTIC BAG	
Socket Drivers	
Socket:	7, 8, 10
Grip:	167C-GRIP

168H-B

Ball Point Hex Screwdrivers
Schraubendreher Innensechskant mit Kugelkopf
Tournevis avec tête sphérique pour vis 6-pans creux

168H (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3B	80	150	25	6
4B	125	225	60	6
5B	125	235	85	6
6B	125	245	150	6
7B	125	245	151	6
8B	125	245	153	6

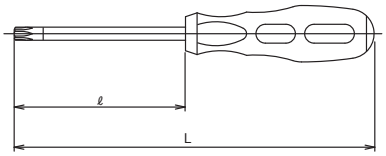


Ball point Hex Screwdrivers have less strength due to the special design. Make sure to use them correctly.

168T (TH)

Screwdriver for TORX® Tamper Resistant
TORX® Schraubendreher Tamper-Resistant
Tournevis pour vis TORX® tamper resistant

168T (TH)	ℓ (mm)	L (mm)	(g)	(pcs.)
T10H	80	150	25	6
T15H	80	150	25	6
T20H	125	225	60	6
T25H	125	225	60	6
T27H	125	235	90	6
T30H	125	235	92	6
T40H	125	245	153	6



Tamper Resistant TORX® Screwdrivers have less strength due to the special design. Make sure to use it correctly.

168T/7 (TH)

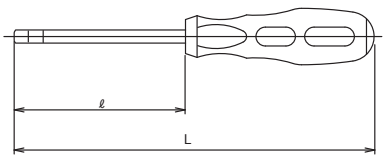
Set 6 pieces
Satz 6teilig
Jeu de 6 tournevis

168T/7-TH	(g)
168T-T10H, T15H, T20H, T25H, T27H, T30H, T40H	480

168R

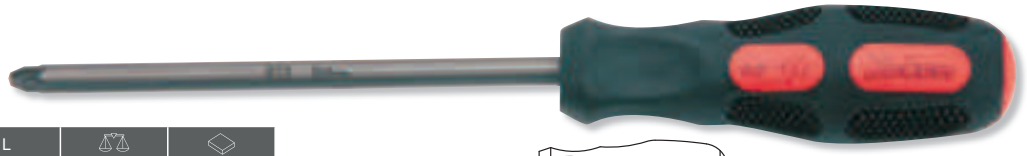
Screwdriver for 4point screws
Schraubendreher für Innenvierkant-Schrauben
Tournevis pour vis à empreinte carrée

168R	ℓ (mm)	L (mm)	(g)	(pcs.)
1	125	225	60	6
2	125	235	85	6

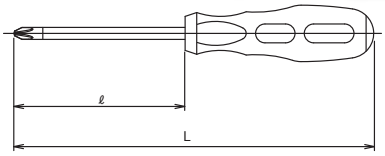


168P (PZ)

Pozidriv Screwdrivers
Schraubendreher, Pozidriv
Tournevis pour vis Pozidriv



168P (PZ)	ℓ (mm)	L (mm)	(g)	(pcs.)
PZ1	75	175	78	6
PZ2	100	210	129	6
PZ3	150	270	203	6



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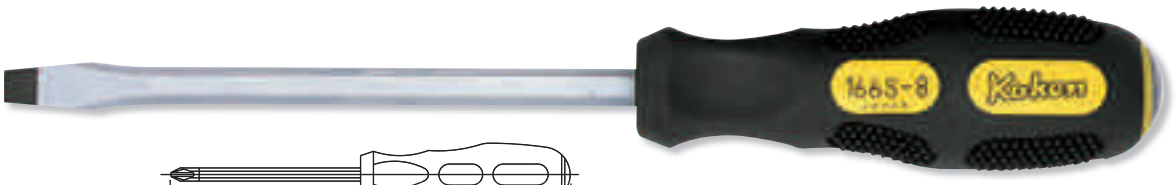
TORX® ist ein registriertes Markenzeichen der Firma **Acument Intellectual Properties, LLC.**
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

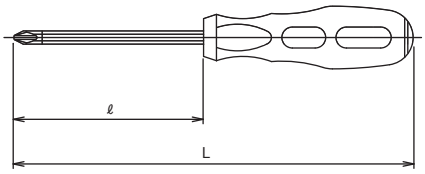
166P

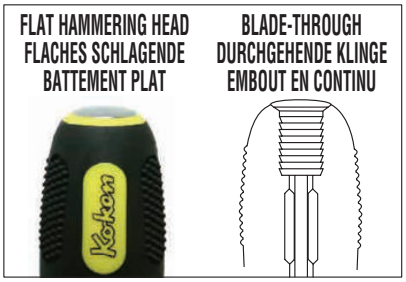
Screwdriver Phillips (Blade-Through type)
Kreuzschlitz Schraubendreher PH mit durchgehender 6-kant Klinge
Tournevis pour vis cruciformes Phillips

166S

Slotted screwdriver (Blade-Through type)
Schlitz-Schraubendreher mit durchgehender 6-kant Klinge
Tournevis pour vis à fente







166P (PH)	ℓ (mm)	L (mm)	⚖ (g)	◇ (pcs.)
1	75	175	78	6
2	100	210	129	6
3	150	270	203	6

166S	ℓ (mm)	L (mm)	⚖ (g)	◇ (pcs.)
5	75	175	78	6
6	100	210	129	6
8	150	270	203	6

166PS/6

Set 6 pieces
Satz 6teilig
Jeu de 6 tournevis

166PS/6	6 Pieces Set/⚖=885g
CARDBOARD BOX:W280×H115×T40mm	
Screwdrivers	
166P Screwdrivers 1, 2, 3	
166S Screwdrivers 5, 6, 8	

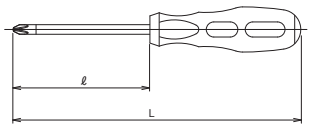
PK166PS/6

Set 6 pieces in Plastic Box
Satz 6teilig in Plastikkassette
Module plastique des 6 tournevis

PK166PS/6	6 Pieces Set/⚖=950g
PLASTIC TRAY	
Screwdrivers	
166P Screwdrivers 1, 2, 3	
166S Screwdrivers 5, 6, 8	

168P
Screwdriver (Blade-Through Type), Phillips
Schraubendreher mit durchgehender Klinge, Phillips
Tournevis à zone de frappe, Phillips

168S
Slotted Screwdriver
Schlitz-Schraubendreher
Tournevis pour vis à fente



168P (PH)	ℓ (mm)	L (mm)	(g)	(pcs.)
1	75	175	59	6
2	100	210	86	6
2(150)	150	260	100	6
2(200)	200	310	111	6
3	150	270	150	6

168S	ℓ (mm)	L (mm)	(g)	(pcs.)
5	75	175	59	6
6	100	210	86	6
6(150)	150	260	100	6
6(200)	200	310	111	6
8	150	270	150	6

168PS/6 — 6 Pieces Set/⚖=660g

CARDBOARD BOX:W280×H115×T40mm

Screwdrivers

- **168P** Screwdrivers 1, 2, 3
- **168S** Screwdrivers 5, 6, 8

PK168PS/6 — 6 Pieces Set/⚖=720g

PLASTIC TRAY

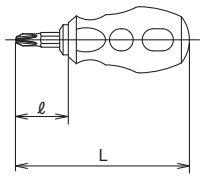
Screwdrivers

- **168P** Screwdrivers 1, 2, 3
- **168S** Screwdrivers 5, 6, 8

168PS/6
Set 6 pieces
Satz 6teilig
Jeu de 6 tournevis

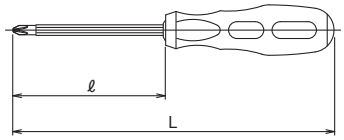
PK168PS/6
Set 6 pieces in Plastic Box
Satz 6teilig in Plastikkassette
Module plastique des 6 tournevis

168CS
Interchangeable Screwdriver, Stubby
Schraubendrehergriff für auswechselbare Klinge, kurz
Poignée porte-lames reversible, court



168CS	ℓ (mm)	L (mm)	(g)	(pcs.)
2×6	22	86	46	6

168C
Interchangeable Screwdriver
Schraubendrehergriff für auswechselbare Klingen
Poignée porte-lames reversible



168C	ℓ (mm)	L (mm)	(g)	(pcs.)
2×6	100	210	108	6
2×6(150)	150	260	120	6
2×6(200)	200	310	133	6

2769N-150/-220

Spin Type Handle
Drehgriff
Poignée emmanchée

2769N	☐	ℓ (mm)	L (mm)	(g)	(pcs.)
150	1/4"	50	150	68	2
220		120	220	100	2

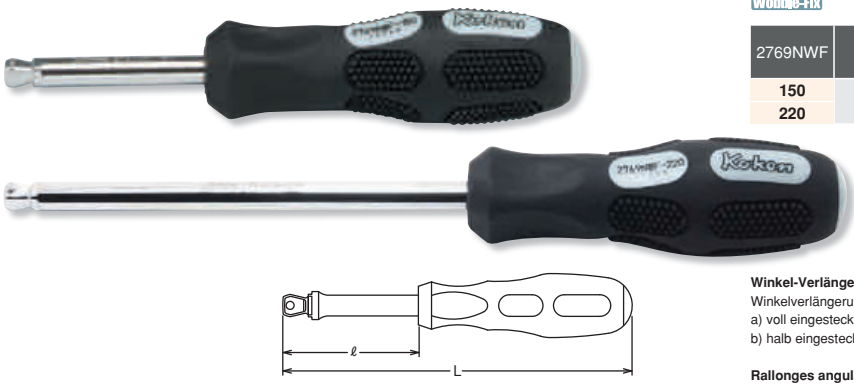
Plastic or rubber handles are not intended to act as insulation.

Plastik-oder Gummigriffe stellen keinen Isolierschutz dar.

Les poignées en plastique ou en caoutchouc ne garantissent aucune isolation électrique.

2769NWF-150/-220

Spin Type Handle (Wobble-Fix)
Drehgriff, Wobble-Fix
Poignée emmanchée, angulaire



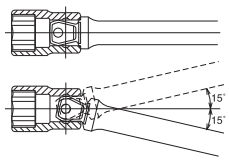
Wobble-Fix

2769NWF	☐	ℓ (mm)	L (mm)	(g)	(pcs.)
150	1/4"	50	150	68	2
220		120	220	100	2

Wobble-Fix Extension Bar
Two way usage
a) In a fixed position, as a normal extension bar
b) In a half-fixed position, as a flexible extension bar providing a 15° angle operation

Winkel-Verlängerungen
Winkelverlängerungen lassen sich in zwei Einstellungen verwenden
a) voll eingesteckt und starr,
b) halb eingesteckt, mit einem Arbeitswinkel von 15°.

Rallonges angulaires
Deux utilisations possibles
a) comme rallonge normale, dans une position fixe
b) comme une rallonge angulaire avec une possibilité d'inclinaison jusqu'à 15°



3769N-160/-230

Spin Type Handle
Drehgriff
Poignée emmanchée

3769N	☐	ℓ (mm)	L (mm)	(g)	(pcs.)
160	3/8"	50	160	96	2
230		120	230	126	2

3769NWF-160/-230

Spin Type Handle (Wobble-Fix)
Drehgriff, Wobble-Fix
Poignée emmanchée, angulaire

Wobble-Fix

3769NWF	☐	ℓ (mm)	L (mm)	(g)	(pcs.)
160	3/8"	50	160	96	2
230		120	230	126	2

1/4”

3/8”

1/2”

5/8”

3/4”

1”

1-1/2”

2-1/2”

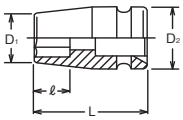
3-1/2”

IMPACT

SOCKETS
STECKSCHLÜSSEL
DOUILLES

12400M / 12400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



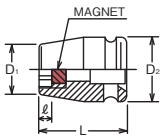
12400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5/32	7.5	13	4	23	14	10	*1
3/16	8.1	13	4	23	14	10	*1
1/4	10	13	5	23	14	10	*1
9/32	11.3	13	5	23	14	10	*1
5/16	12.5	13	6	23	14	10	*1
11/32	13.8	13	7	23	14	10	*1
3/8	15	13	7	23	15	10	*1
7/16	16.3	13	8	23	18	10	*1
1/2	18.8	13	8	23	19	10	*1
9/16	20	13	9	23	20	10	*1

*1 Pin/O-Ring=1200A/B ➡P239

12400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
4	7.5	13	4	23	14	10	*1
4.5	8.1	13	4	23	14	10	*1
5	8.8	13	4	23	14	10	*1
5.5	9.4	13	4	23	14	10	*1
6	10	13	5	23	14	10	*1
7	11.3	13	5	23	14	10	*1
8	12.5	13	6	23	14	10	*1
9	13.8	13	7	23	14	10	*1
10	15	13	7	23	15	10	*1
11	16.3	13	8	23	18	10	*1
12	17.5	13	8	23	19	10	*1
13	18.8	13	8	23	19	10	*1
14	20	13	9	23	20	10	*1

12400MG / 12400AG

6-point Sockets with Magnet
6-kant Steckschlüssel mit Magnet
Douilles 6-pans avec aimant



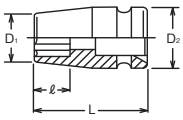
12400AG (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
3/16	8.1	13	2.1	23	13	10	*1
1/4	10	13	2.4	23	16	10	*1
5/16	12.5	13	3.5	23	17	10	*1
11/32	13.8	13	3.8	23	18	10	*1
3/8	15	13	4.2	23	18	10	*1
7/16	16.3	13	4.9	23	21	10	*1
1/2	18.8	13	6	25	21	10	*1
9/16	20	13	6.4	25	20	10	*1

*1 Pin/O-Ring=1200A/B ➡P239

12400MG (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
4	7.5	13	2.1	23	12	10	*1
4.5	8.1	13	2.1	23	13	10	*1
5	8.8	13	2.1	23	15	10	*1
5.5	9.4	13	2.1	23	15	10	*1
6	10	13	2.4	23	16	10	*1
7	11.3	13	2.8	23	16	10	*1
8	12.5	13	3.5	23	17	10	*1
9	13.8	13	3.8	23	18	10	*1
10	15	13	4.2	23	18	10	*1
11	16.3	13	4.9	23	21	10	*1
12	17.5	13	5.6	25	21	10	*1
13	18.8	13	6	25	21	10	*1
14	20	13	6.4	25	20	10	*1

12410M

Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive



12410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	10	13	5	23	14	10	*1
7	11.3	13	5	23	15	10	*1
8	12.5	13	6	23	15	10	*1
9	13.8	13	7	23	14	10	*1
10	15	13	7	23	14	10	*1
11	16.3	13	8	23	17	10	*1
12	17.5	13	8	23	19	10	*1
13	18.8	13	8	23	19	10	*1

*1 Pin/O-Ring=1200A/B ➡P239

SURFACE DRIVE

Surface drive sockets are designed to retain contact with the flat sides of the nut in order to transmit higher torque and reduce nut wear.
These sockets are ideal for using on polished nuts, aluminum nuts and nuts with worn out points.

Das Profil unserer Surface-Drive Steckschlüssel greift die Schraube an deren Flächen. Dies sichert eine höhere Kraftübertragung und verhindert ein Durchrutschen des Steckschlüssels. Diese Steckschlüssel eignen sich besonders für polierte Schrauben, Aluminium Schrauben und Schrauben bei denen die Ecken bereits abgerundet sind.

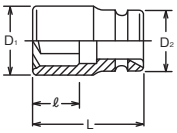
Notre profil Surface Drive assure le contact entre la douille et les plats de l'écrou. Ceci réduit l'usure et permet la transmission d'un couple plus élevé. C'est une solution idéale pour les écrous polies, celles en aluminium ou arrondies.

12465M

Pathfinder Sockets
Pathfinder Steckschlüssel
Douilles Pathfinder

12465M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	15	13	8	23	17	10	*1
11	16.3	13	8	23	18	10	*1
12	17.5	13	9	23	18	10	*1
13	18.8	13	9	23	20	10	*1

*1 Pin/O-Ring=1200A/B ➔P239



PATHFINDER®

The beveled flats of the 6-points opening of the PATHFINDER socket engage the nut almost immediately. PATHFINDER sockets are ideal for using with power tools in automatic assembly processes, as the power tool does not have to be totally stopped for the socket to engage the nut.

Da die Maschine nicht nach jedem Schraubvorgang angehalten werden muss, ergibt sich eine erhöhte Produktivität, die sich bei vollautomatischen Maschinen (Mehrspindelschrauber) ganz besonders auswirkt.

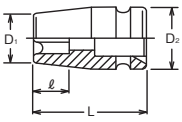
Les parois en biais des douilles en 6-pans Pathfinder assurent l'engagement quasi immédiat de l'écrou. Le fait de ne pas devoir arrêter la machine après chaque serrage, engendre une productivité supérieure dans les châines de montage automatiques.

12425

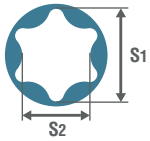
TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®

12425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
E 4	6.6	13	4.6	23	14	10	*1
E 5	7.7	13	5.2	23	15	10	*1
E 6	8.7	13	5.4	23	15	10	*1
E 7	9.2	13	6.6	23	15	10	*1
E 8	9.7	13	7	23	15	10	*1
E10	12.2	13	8.2	23	15	10	*1

*1 Pin/O-Ring=1200A/B ➔P239



TORX® (E)



E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24	E26	E28
S1	(ref. mm)	3.7	4.6	5.6	6.1	7.4	9.3	9.9	11.0	12.8	14.6	16.5	18.3	20.1	22.0	23.7	25.5
S2	(ref. mm)	2.7	3.3	4.0	4.3	5.3	6.8	7.1	7.9	9.2	10.5	11.9	13.2	14.8	15.7	17.5	18.3

12460M
12460A

For Self-Tapping Screws
Für selbstschneidende Schrauben
Pour vis auto-taraudeuses

12460M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5.5	9.7	13	4	23	15	10	*1
6	10.3	13	5	23	15	10	*1
7	11.6	13	5	23	16	10	*1
8	12.8	13	6	23	16	10	*1
10	15.3	13	7	23	19	10	*1
13	19.1	13	8	23	23	10	*1

12460A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	10.3	13	5	23	15	10	*1
5/16	12.8	13	6	23	16	10	*1
3/8	15.3	13	7	23	19	10	*1
1/2	19.1	13	8	23	23	10	*1

*1 Pin/O-Ring=1200A/B ➔P239

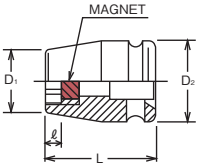
12460MG
12460AG

With Magnet for Self-Tapping Screws
mit Magnet für selbstschneidende Schrauben
avec aimant pour vis auto-taraudeuses

12460MG (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5.5	9.7	13	2.1	23	16	10	*1
6	10.3	13	2.4	23	16	10	*1
7	11.6	13	2.8	23	16	10	*1
8	12.8	13	3.5	25	18	10	*1
10	15.3	13	4.2	28	20	10	*1
13	19.1	13	6	30	23	10	*1
14	20	13	6.4	30	24	10	*1

12460AG (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	10.3	13	2.4	23	16	10	*1
5/16	12.8	13	3.5	25	18	10	*1
3/8	15.3	13	4.2	28	20	10	*1
7/16	16.6	13	4.9	29	27	10	*1
1/2	19.1	13	6	30	23	10	*1

*1 Pin/O-Ring=1200A/B ➔P239



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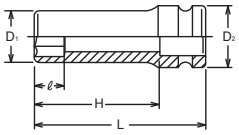
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

12300M

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles longues, 6-pans

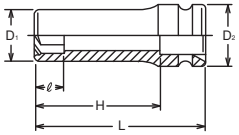


12300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
New 6	10	13	6	38	48	26	10	*1
7	11.3	13	7	38	48	30	10	*1
8	12.5	13	8	38	48	32	10	*1
10	15	13	10	37	48	34	10	*1
11	16.3	13	11	37	48	46	10	*1
12	17.5	13	12	37	48	49	10	*1
13	18.8	13	13	37	48	52	10	*1
14	20	13	14	36	48	57	10	*1

*1 Pin/O-Ring=1200A/B ➡P239

12365M

Pathfinder Sockets, deep
Pathfinder Steckschlüssel, lang
Douilles longues, Pathfinder

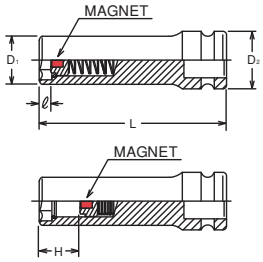


12365M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	15	13	8	37	48	34	10	*1
11	16.3	13	8	37	48	46	10	*1
12	17.5	13	9	37	48	49	10	*1
13	18.8	13	9	37	48	52	10	*1

*1 Pin/O-Ring=1200A/B ➡P239

12300G

Impact Socket with Sliding Magnet
Impact Steckschlüssel mit versenkbarem Magnet
Douilles Impact avec aimant, glissant pour écrous

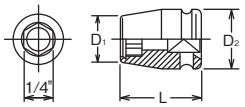


12300G (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	12.5	13	4	22	48	32	10	*1
10	15	13	4.5	20.5	48	34	10	*1
12	17.5	13	6	24.5	48	49	10	*1
13	18.8	13	6.5	23	48	52	10	*1
14	20	13	7	21	48	57	10	*1

*1 Pin/O-Ring=1200A/B ➡P239

12139

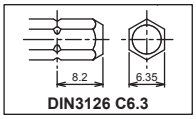
Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
12139-1/4	11	13	26	15	10	*1

*1 Pin/O-Ring=1200A/B ➡P239

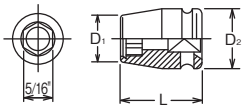
For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts



D6.3

12140

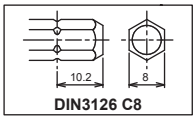
Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
12140-5/16	14	13	26	15	10	*1

*1 Pin/O-Ring=1200A/B ➡P239

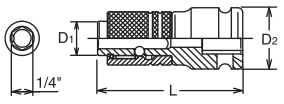
For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts



D8

12142-F6.3

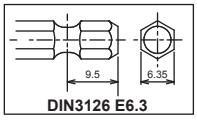
Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
12142-F6.3	16.5	13	36	22	10	*1

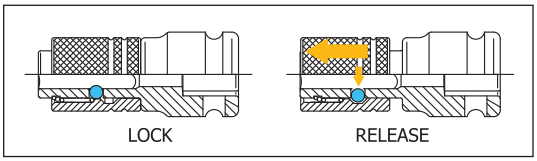
*1 Pin/O-Ring=1200A/B ➡P239

For DIN3126 E6.3 Bits
Für DIN3126 E6.3 Bits
Pour DIN3126 E6.3 Embouts



F6.3

Lock & Quick Release

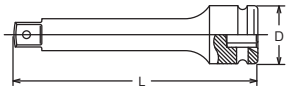


12760-55P/-75P/-100P

Extension Bars
Verlängerungen
Rallonges

	12760	D (mm)	L (mm)	(g)	(pcs.)	
	55P	13	55	26	10	*1
	75P	13	75	45	10	*1
New	**100P**	13	100	50	10	*1

*1 Pin/O-Ring=1200A/B ➔P239

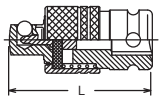


12222AL

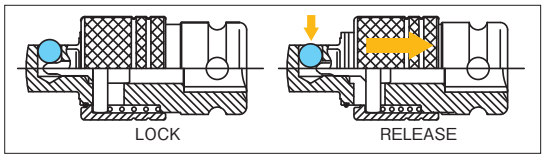
Adaptor (Quick Release)
Schnellwechsel-Verbindungsstück
Adaptateur autoserrant

	L (mm)	(g)	(pcs.)	
12222AL	35	30	10	*1

*1 Pin/O-Ring=1200A/B ➔P239



Lock & Quick Release

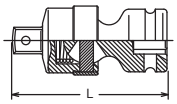


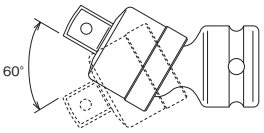
12770-P

Universal Joint
Gelenk-Einsatz
Cardan universel

	L (mm)	(g)	(pcs.)	
12770-P	39	30	10	*1

*1 Pin/O-Ring=1200A/B ➔P239



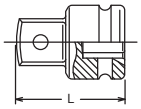


12233A-P

Adaptor
Verbindungsstück
Augmentateur

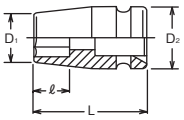
	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
12233A-P	1/4"	3/8"	22	15	10	*1

*1 Pin/O-Ring=1200A/B ➔P239



13400M / 13400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



13400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	10.8	19	5	32	40	10	*1
5/16	13.3	19	6	32	40	10	*1
3/8	15.8	19	7	32	40	10	*1
7/16	17	19	8	32	41	10	*1
1/2	19.5	22	10	32	56	10	*2
9/16	20.8	22	10	32	56	10	*2
5/8	23.3	22	11	32	57	10	*2
11/16	24.5	22	12	32	60	10	*2
3/4	27	22	12	32	67	10	*2
13/16	29.5	22	12	32	71	10	*2
7/8	30.8	22	13	32	72	10	*2

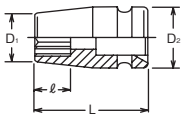
*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	10.8	19	5	32	40	10	*1
7	12	19	5	32	40	10	*1
8	13.3	19	6	32	40	10	*1
9	14.5	19	7	32	40	10	*1
10	15.8	19	7	32	40	10	*1
11	17	19	8	32	41	10	*1
12	18.3	19	9	32	43	10	*1
13	19.5	22	10	32	56	10	*2
14	20.8	22	10	32	56	10	*2
15	22	22	11	32	56	10	*2
16	23.3	22	11	32	57	10	*2
17	24.5	22	12	32	60	10	*2
18	25.8	22	12	32	62	10	*2
19	27	22	12	32	67	10	*2
20	28.3	22	12	32	70	10	*2
21	29.5	22	12	32	71	10	*2
22	30.8	22	13	32	72	10	*2
23	32	22	13	32	75	10	*2
24	33.3	22	13	32	78	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13405M / 13405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



13405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	13.3	19	6	32	40	10	*1
9	14.5	19	7	32	40	10	*1
10	15.8	19	7	32	40	10	*1
12	18.3	19	9	32	43	10	*1
13	19.5	22	10	32	56	10	*2
14	20.8	22	10	32	56	10	*2
15	22	22	11	32	56	10	*2
17	24.5	22	12	32	60	10	*2
19	27	22	12	32	67	10	*2

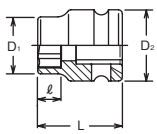
13405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	10.8	19	5	32	40	10	*1
5/16	13.3	19	6	32	40	10	*1
3/8	15.8	19	7	32	40	10	*1
7/16	17	19	8	32	41	10	*1
1/2	19.5	22	10	32	56	10	*2
9/16	20.8	22	10	32	56	10	*2
5/8	23.3	22	11	32	57	10	*2
11/16	24.5	22	12	32	60	10	*2
3/4	27	22	12	32	67	10	*2
13/16	29.5	22	12	32	71	10	*2
7/8	30.8	22	13	32	72	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13401MS

6-point short sockets, Thin Walled
6-kant Steckschlüssel kurz, dünnwandig
Douilles 6-pans courtes, a paroi mince

thin



13401MS (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	12.3	18.5	6	22	25	10	*1
10	14.8	18.5	6	22	25	10	*1
12	17.3	18.5	10	22	20	10	*1
13	18.5	21.5	10	22	30	10	*2
14	19.8	21.5	10	22	30	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

RS13401MS/5

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

thin

RS13401MS/5	5 Pieces Set/Rail 150mm	(g)
	8, 10, 12, 13, 14	180

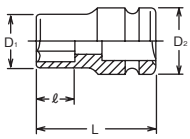
13401M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	9.8	18.5	5	32	28	10	*1
7	11	18.5	5	32	30	10	*1
8	12.3	18.5	6	32	31	10	*1
9	13.5	18.5	7	32	32	10	*1
10	14.8	18.5	7	32	34	10	*1
11	16	18.5	8	32	35	10	*1
12	17.3	18.5	9	32	36	10	*1
13	18.5	21.5	10	32	43	10	*2
14	19.8	21.5	10	32	49	10	*2
15	21	21.5	11	32	49	10	*2
16	22.3	21.5	11	32	51	10	*2
17	23.5	21.5	12	32	54	10	*2
18	24.8	21.5	12	32	57	10	*2
19	26	21.5	12	32	60	10	*2
20	27.3	21.5	12	32	65	10	*2
21	28.5	21.5	12	32	70	10	*2
22	29.8	21.5	13	32	73	10	*2
23	31	21.5	13	32	73	10	*2
24	32.3	21.5	13	32	75	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13401M
13401A

6-point Socket, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince, 6-pans

thin



13401A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	9.8	18.5	5	32	28	10	*1
5/16	12.3	18.5	6	32	31	10	*1
3/8	14.8	18.5	7	32	34	10	*1
7/16	16	18.5	8	32	35	10	*1
1/2	18.5	21.5	10	32	43	10	*2
9/16	19.8	21.5	10	32	49	10	*2
5/8	22.3	21.5	11	32	51	10	*2
11/16	23.5	21.5	12	32	54	10	*2
3/4	26	21.5	12	32	60	10	*2
13/16	28.5	21.5	12	32	70	10	*2
7/8	29.8	21.5	13	32	73	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

RS13401M/9	9 Pieces Set/Rail 250mm	(g)
8, 10, 12, 13, 14, 17, 19, 21, 22		505

RS13401M/9

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

thin

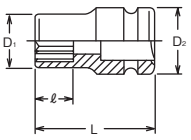
13406M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	9.8	18.5	5	32	28	10	*1
7	11	18.5	5	32	30	10	*1
8	12.3	18.5	6	32	31	10	*1
9	13.5	18.5	7	32	32	10	*1
10	14.8	18.5	7	32	34	10	*1
11	16	18.5	8	32	35	10	*1
12	17.3	18.5	9	32	36	10	*1
13	18.5	21.5	10	32	43	10	*2
14	19.8	21.5	10	32	49	10	*2
15	21	21.5	11	32	49	10	*2
16	22.3	21.5	11	32	51	10	*2
17	23.5	21.5	12	32	54	10	*2
18	24.8	21.5	12	32	57	10	*2
19	26	21.5	12	32	60	10	*2
20	27.3	21.5	12	32	65	10	*2
21	28.5	21.5	12	32	70	10	*2
22	29.8	21.5	13	32	73	10	*2
23	31	21.5	13	32	73	10	*2
24	32.3	21.5	13	32	75	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13406M
13406A

12-point Socket, Thin Walled
12-kant Steckschlüssel, dünnwandig
Douilles à paroi mince, 12-pans

thin

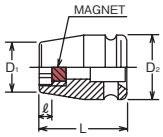


13406A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	9.8	18.5	5	32	28	10	*1
5/16	12.3	18.5	6	32	31	10	*1
3/8	14.8	18.5	7	32	34	10	*1
7/16	16	18.5	8	32	35	10	*1
1/2	18.5	21.5	10	32	43	10	*2
9/16	19.8	21.5	10	32	49	10	*2
5/8	22.3	21.5	11	32	51	10	*2
11/16	23.5	21.5	12	32	54	10	*2
3/4	26	21.5	12	32	60	10	*2
13/16	28.5	21.5	12	32	70	10	*2
7/8	29.8	21.5	13	32	73	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13400MG / 13400AG

6-point Sockets with Magnet
6-kant Steckschlüssel mit Magnet
Douilles 6-pans avec aimant



13400AG (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	10.8	19	2.4	32	46	10	*1
5/16	13.3	19	3.5	32	45	10	*1
11/32	14.5	19	3.8	32	44	10	*1
3/8	15.8	19	4.2	32	49	10	*1
7/16	17	19	4.9	32	50	10	*1
1/2	19.5	22	6	32	70	10	*2
9/16	20.8	22	6.4	32	76	10	*2
5/8	23.3	22	7	32	88	10	*2
11/16	24.5	22	7.5	32	95	10	*2
3/4	27	22	8	32	116	10	*2

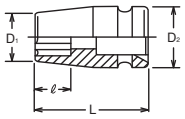
*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13400MG (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	10.8	19	2.4	32	46	10	*1
7	12	19	2.8	32	45	10	*1
8	13.3	19	3.5	32	45	10	*1
9	14.5	19	3.8	32	44	10	*1
10	15.8	19	4.2	32	49	10	*1
11	17	19	4.9	32	50	10	*1
12	18.3	19	5.6	32	55	10	*1
13	19.5	22	6	32	70	10	*2
14	20.8	22	6.4	32	76	10	*2
15	22	22	6.8	32	76	10	*2
16	23.3	22	7	32	88	10	*2
17	24.5	22	7.5	32	95	10	*2
18	25.8	22	7.8	32	105	10	*2
19	27	22	8	32	116	10	*2
21	29.5	22	8	32	125	10	*2
22	30.8	22	9.5	32	135	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13410M

Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive



13410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	10.8	19	5	32	40	10	*1
7	12	19	5	32	40	10	*1
8	13.3	19	6	32	40	10	*1
9	14.5	19	7	32	40	10	*1
10	15.8	19	7	32	40	10	*1
11	17	19	8	32	42	10	*1
12	18.3	19	9	32	50	10	*1
13	19.5	22	10	32	56	10	*2
14	20.8	22	10	32	56	10	*2
15	22	22	11	32	56	10	*2
16	23.3	22	11	32	57	10	*2
17	24.5	22	12	32	60	10	*2
19	27	22	12	32	67	10	*2
22	30.8	22	13	32	72	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13465M

Pathfinder Sockets
Pathfinder Steckschlüssel
Douilles Pathfinder

13465M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	13.3	19	8	32	40	10	*1
10	15.8	19	8	32	43	10	*1
11	17	19	8	32	44	10	*1
12	18.3	19	9	32	47	10	*1
13	19.5	22	9	32	55	10	*2
14	20.8	22	11	32	56	10	*2
15	22	22	11	32	56	10	*2
16	23.3	22	11	32	57	10	*2
17	24.5	22	12	32	60	10	*2
18	25.8	22	13	32	63	10	*2
19	27	22	13	32	66	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

PATHFINDER®

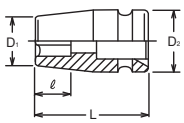
The beveled flats of the 6-points opening of the PATHFINDER socket engage the nut almost immediately. PATHFINDER sockets are ideal for using with power tools in automatic assembly processes, as the power tool does not have to be totally stopped for the socket to engage the nut.

Da die Maschine nicht nach jedem Schraubvorgang angehalten werden muss, ergibt sich eine erhöhte Produktivität, die sich bei vollautomatischen Maschinen (Mehrspindelschrauber) ganz besonders auswirkt.

Les parois en biais des douilles en 6-pans Pathfinder assurent l'engagement quasi immédiat de l'écrou. Le fait de ne pas devoir arrêter la machine après chaque serrage, engendre une productivité supérieure dans les châines de montage automatiques.

13425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



13425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
E 4	9.7	19	4.6	32	44	10	*1
E 5	10.2	19	5.2	32	43	10	*1
E 6	10.7	19	5.4	32	44	10	*1
E 7	11.2	19	6.6	32	44	10	*1
E 8	11.7	19	7	32	44	10	*1
E10	12.2	19	8.2	32	42	10	*1
E12	14.2	19	9.3	32	43	10	*1
E14	17.2	19	10.6	32	44	10	*1
E16	18.2	19	11.8	32	42	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
➡P238-239

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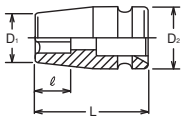
13425-EPL

TORXPLUS® Sockets
TORXPLUS® Steckschlüssel
Douilles TORXPLUS®

TORXplus®

13425 (EPL)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8EPL	12	19	5.2	32	44	10	*1
10EPL	13.3	19	6.2	32	44	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P238-239



13460M / 13460A

For Self-Tapping Screws
Für selbstschneidende Schraube
Pour vis auto-taraudeuses

13460M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	11.4	19	5	32	43	10	*1
7	12.8	19	5	32	44	10	*1
8	14.1	19	6	32	44	10	*1
10	16.6	19	7	32	45	10	*1
13	20.3	22	10	32	60	10	*2

13460A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	11.4	19	5	32	43	10	*1
3/8	16.6	19	7	32	45	10	*1
1/2	20.3	22	10	32	60	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P238-239

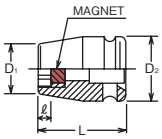
13460MG
13460AG

Sockets with magnets for Self-Tapping Screws
Steckschlüssel mit Magnet für selbstschneidende Schrauben
Douilles avec aimant pour vis auto-taraudeuses

13460MG (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	11.4	19	2.4	32	44	10	*1
7	12.8	19	2.8	32	46	10	*1
8	14.1	19	3.5	32	48	10	*1
10	16.6	19	4.2	33	54	10	*1
13	20.3	22	6	34	81	10	*2

13460AG (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	11.4	19	2.4	32	44	10	*1
5/16	14.1	19	3.5	32	48	10	*1
3/8	16.6	19	4.2	33	54	10	*1
1/2	20.3	22	6	34	81	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P238-239

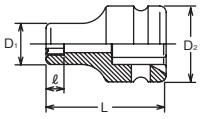


13401LH

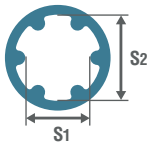
LHS Sockets
Steckschlüssel mit LHS Profil
Douilles au profil LHS

13401LH (LH-S)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5S	11	19	5	32	32	10	*1
6S	12.3	19	5.6	32	34	10	*1
8S	16	19	6.8	32	36	10	*1
10S	18.5	22	8	32	50	10	*2
12S	22.3	22	9.2	32	58	10	*2
14S	24.8	22	10.4	32	63	10	*2
16S	28.5	22	11.6	32	77	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P238-239



LHSTIX®



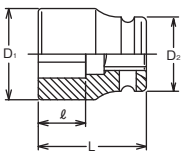
LH-S		LH-5S	LH-6S	LH-8S	LH-10S	LH-12S	LH-14S	LH-16S
S1	(ref. mm)	5.6	6.8	9.0	11.3	13.6	15.8	18.1
S2	(ref. mm)	7.5	9.0	12.0	15.0	18.0	21.0	24.0

13400-WN

Weld Nut Sockets
Steckschlüssel für Schweissmuttern
Douilles pour écrou à souder

13400-WN	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6WN	15.8	19	6	32	48	10	*1
8WN	18.3	19	8	32	48	10	*1
9WN	19.5	22	9	32	47	10	*2
10WN	20.8	22	10	32	65	10	*2
12WN	24.5	22	12	32	73	10	*2
14WN	27	22	14	32	79	10	*2
17WN	32	22	17	35	110	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P238-239



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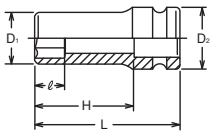
13301X

6-point Semi-Deep Socket, Thin Walled
6-kant Steckschlüssel mittel lang, dünnwandig
Douilles à paroi mince semi-longues, 6-pans

thin



13301X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	12.3	18.5	8	36.5	50	40	10	*1
10	14.8	18.5	10	36.5	50	46	10	*1
11	16	18.5	11	36.5	50	49	10	*1
12	17.3	18.5	12	36.5	50	53	10	*1
13	18.5	21.5	13	36.5	50	67	10	*2
14	19.8	21.5	14	36.5	50	70	10	*2
15	21	21.5	15	35.5	50	75	10	*2
16	22.3	21.5	16	35.5	50	78	10	*2
17	23.5	21.5	17	35.5	50	82	10	*2
18	24.8	21.5	18	34.5	50	86	10	*2
19	26	21.5	19	34.5	50	93	10	*2
21	28.5	21.5	21	34.5	50	104	10	*2
22	29.8	21.5	22	33.5	50	110	10	*2
23	31	21.5	23	33.5	50	115	10	*2
24	32.3	21.5	24	32.5	50	120	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

RS13301X/9

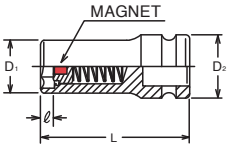
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

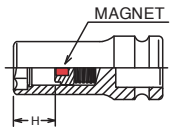
thin

RS13301X/9	9 Pieces Set/Rail 250mm	(g)
8, 10, 12, 13, 14, 17, 19, 21, 22		710

13300XG

Impact semi-deep socket with Sliding Magnet
Impact Steckschlüssel mittel lang mit versenkbarem Magnet
Douilles semi-longues avec aimant, glissant pour écrous



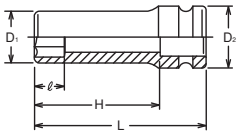


13300XG (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	13.3	19	4	20.5	50	40	10	*1
10	15.8	19	4.5	20	50	46	10	*1
New **11**	17	19	5	20	50	50	10	*1
12	18.3	19	6	20	50	55	10	*1
13	19.5	22	6.5	19	50	70	10	*2
14	20.8	22	7	18	50	75	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13300M / 13300A

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles longues, 6-pans



13300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
6	10.8	19	6	66.5	80	77	10	*1
7	12	19	7	66.5	80	82	10	*1
8	13.3	19	8	66.5	80	82	10	*1
9	14.5	19	9	66.5	80	88	10	*1
10	15.8	19	10	66.5	80	94	10	*1
11	17	19	11	66.5	80	110	10	*1
12	18.3	19	12	66.5	80	111	10	*1
13	19.5	22	13	66.5	80	138	10	*2
14	20.8	22	14	66.5	80	148	10	*2
15	22	22	15	65.5	80	157	10	*2
16	23.3	22	16	65.5	80	156	10	*2
17	24.5	22	17	65.5	80	168	10	*2
18	25.8	22	18	64.5	80	190	10	*2
19	27	22	19	64.5	80	192	10	*2
20	28.3	22	20	64.5	80	224	10	*2
21	29.5	22	21	64.5	80	226	10	*2
22	30.8	22	22	63.5	80	231	10	*2

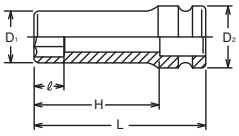
13300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
1/4	10.8	19	6	66.5	80	77	10	*1
5/16	13.3	19	8	66.5	80	82	10	*1
3/8	15.8	19	10	66.5	80	94	10	*1
7/16	17	19	11	66.5	80	110	10	*1
1/2	19.5	22	13	66.5	80	138	10	*2
9/16	20.8	22	14	66.5	80	148	10	*2
5/8	23.3	22	16	65.5	80	156	10	*2
11/16	24.5	22	17	65.5	80	168	10	*2
3/4	27	22	19	64.5	80	192	10	*2
13/16	29.5	22	21	64.5	80	226	10	*2
7/8	30.8	22	22	63.5	80	231	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13301M
13301A

6-point Deep Socket, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince longues, 6-pans

thin



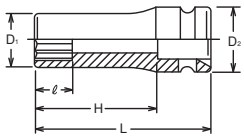
13301M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
6	10	18.5	6	66.5	80	65	10	*1
7	11	18.5	7	66.5	80	66	10	*1
8	12.3	18.5	8	66.5	80	68	10	*1
9	13.5	18.5	9	66.5	80	70	10	*1
10	14.8	18.5	10	66.5	80	72	10	*1
11	16	18.5	11	66.5	80	80	10	*1
12	17.3	18.5	12	66.5	80	85	10	*1
13	18.5	21.5	13	66.5	80	100	10	*2
14	19.8	21.5	14	66.5	80	110	10	*2
15	21	21.5	15	65.5	80	120	10	*2
16	22.3	21.5	16	65.5	80	130	10	*2
17	23.5	21.5	17	65.5	80	136	10	*2
18	24.8	21.5	18	64.5	80	145	10	*2
19	26	21.5	19	64.5	80	155	10	*2
20	27.3	21.5	20	64.5	80	170	10	*2
21	28.5	21.5	21	64.5	80	181	10	*2
22	29.8	21.5	22	63.5	80	190	10	*2

13301A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
1/4	10	18.5	6	66.5	80	65	10	*1
5/16	12.3	18.5	8	66.5	80	68	10	*1
3/8	14.8	18.5	10	66.5	80	72	10	*1
7/16	16	18.5	11	66.5	80	80	10	*1
1/2	18.5	21.5	13	66.5	80	100	10	*2
9/16	19.8	21.5	14	66.5	80	110	10	*2
5/8	22.3	21.5	16	65.5	80	130	10	*2
11/16	23.5	21.5	17	65.5	80	136	10	*2
3/4	26	21.5	19	64.5	80	155	10	*2
13/16	28.5	21.5	21	64.5	80	181	10	*2
7/8	29.8	21.5	22	63.5	80	190	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13305M

12-point Sockets, deep
12-kant Steckschlüssel, lang
Douilles longues, 12-pans

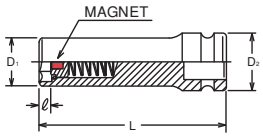


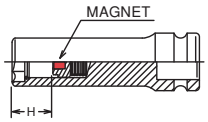
13305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	13.3	19	8	66.5	80	82	10	*1
10	15.8	19	10	66.5	80	94	10	*1
12	18.3	19	12	66.5	80	111	10	*1
13	19.5	22	13	66.5	80	138	10	*2
14	20.8	22	14	66.5	80	148	10	*2
17	24.5	22	17	65.5	80	168	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13300G

Impact Socket with Sliding Magnet
Impact Steckschlüssel mit versenkbarem Magnet
Douilles Impact avec aimant, glissant pour écrous



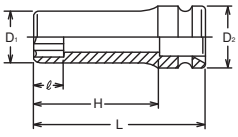


13300G (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	13.3	19	4	26.5	80	82	10	*1
10	15.8	19	4.5	26	80	105	10	*1
12	18.3	19	6	26	80	136	10	*1
13	19.5	22	6.5	25	80	165	10	*2
14	20.8	22	7	24	80	186	10	*2
15	22	22	7	24	80	195	10	*2
17	24.5	22	8	27	80	220	10	*2
19	27	22	9	28	80	230	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13310M

Surface Drive Sockets, deep
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive



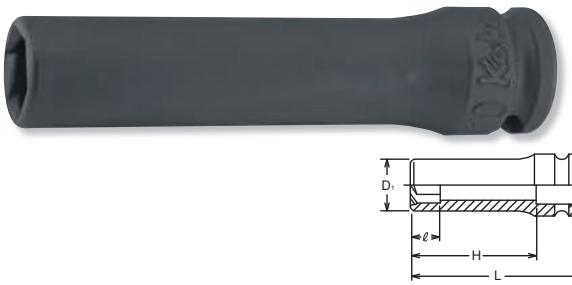
13310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
7	12	19	7	66.5	80	77	10	*1
8	13.3	19	8	66.5	80	90	10	*1
9	14.5	19	9	66.5	80	90	10	*1
10	15.8	19	10	66.5	80	97	10	*1
11	17	19	11	66.5	80	110	10	*1
12	18.3	19	12	66.5	80	105	10	*1
13	19.5	22	13	66.5	80	135	10	*2
14	20.8	22	14	66.5	80	145	10	*2
15	22	22	15	65.5	80	160	10	*2
16	23.3	22	16	65.5	80	156	10	*2
17	24.5	22	17	65.5	80	168	10	*2
19	27	22	19	64.5	80	190	10	*2

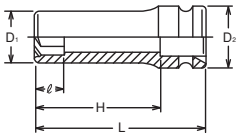
*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

3/8”

13365M

Pathfinder Sockets, deep
Pathfinder Steckschlüssel, lang
Douilles longues, Pathfinder



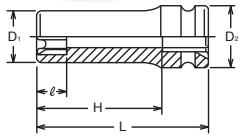


13365M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	15.8	19	8	66.5	80	99	10	*1
11	17	19	8	66.5	80	108	10	*1
12	18.3	19	9	66.5	80	110	10	*1
13	19.5	22	9	66.5	80	142	10	*2
14	20.8	22	11	66.5	80	144	10	*2
15	22	22	11	65.5	80	150	10	*2
16	23.3	22	11	65.5	80	159	10	*2
17	24.5	22	12	65.5	80	170	10	*2
18	25.8	22	13	64.5	80	201	10	*2
19	27	22	13	64.5	80	203	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13325

TORX® Deep Sockets
TORX® Steckschlüssel, lang
Douilles longues TORX®

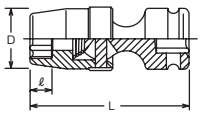


	13325 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
New	**E 8**	11.7	19	7	66.5	80	80	10	*1
New	**E10**	12.2	19	8.2	66.5	80	85	10	*1
New	**E12**	14.2	19	9.3	66.5	80	90	10	*1
New	**E14**	17.2	19	10.6	66.5	80	110	10	*1
New	**E16**	18.2	19	11.8	66.5	80	110	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
➡P238-239

13440M / 13440A

Universal Sockets
Gelenk-Einsätze
Douilles universelles



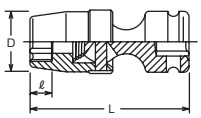
13440M (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	15.8	5	57	115	10	*1
11	17	6	57	115	10	*1
12	18.3	6	57	115	10	*1
13	19.5	6	57	115	10	*1
14	20.8	7	59	120	10	*1
15	22	7	59	120	10	*1
16	23.3	8	59	120	10	*1
17	24.5	8	59	120	10	*1
18	25.8	9	61	126	10	*1
19	27	10	61	130	10	*1
20	29.5	10	61	135	10	*1
21	30.7	14	66	175	10	*1
22	32	13	66	185	10	*1
24	34.5	13	68	190	10	*1

13440A (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
3/8	15.8	5	57	115	10	*1
7/16	17	6	57	115	10	*1
1/2	19.5	6	57	115	10	*1
9/16	20.8	7	59	120	10	*1
5/8	23.3	8	59	120	10	*1
11/16	24.5	8	59	120	10	*1
3/4	27	10	61	130	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13440T

TORX® Universal Sockets
TORX® Gelenk-Einsätze
Douilles universelles TORX®

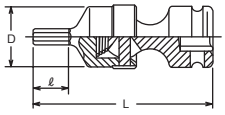


13440T (E)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
E10	13.3	8.2	58	115	10	*1
E12	15.8	9.3	58	115	10	*1
E14	17	10.6	58	115	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

13430M

Universal Inhex Sockets
Gelenk-Einsätze für Schrauben mit Innensechskant
Douilles universelles 6-pans mâles



13430M (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5	24	15	74	120	10	*1
6	24	15	74	131	10	*1
8	24	20	74	136	10	*1
10	24	20	74	141	10	*1
17	24	7	53	150	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

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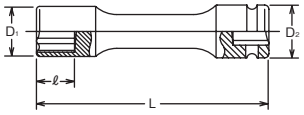
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

13145M-100/-150/-200/-250

Extra Long Sockets
Schaftsteckschlüssel
Douilles, série allongée



13145M-100 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
8	13.3	19	8	100	90	1	*1
10	15.8	19	10	100	92	1	*1
12	18.3	19	12	100	100	1	*1
13	19.5	19	13	100	108	1	*1
14	20.8	19	14	100	112	1	*1
17	24.5	19	17	100	140	1	*1

13145M-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
6	10.8	19	6	150	105	1	*1
8	13.3	19	8	150	110	1	*1
10	15.8	19	10	150	120	1	*1
12	18.3	19	12	150	128	1	*1
13	19.5	19	13	150	137	1	*1
14	20.8	19	14	150	146	1	*1
15	22	19	15	150	155	1	*1
17	24.5	19	17	150	163	1	*1

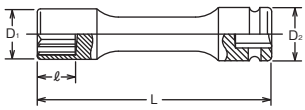
13145M-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
6	10.8	19	6	200	136	1	*1
8	13.3	19	8	200	141	1	*1
10	15.8	19	10	200	151	1	*1
12	18.3	19	12	200	159	1	*1
13	19.5	19	13	200	168	1	*1
14	20.8	19	14	200	177	1	*1
15	22	19	15	200	186	1	*1
17	24.5	19	17	200	194	1	*1

13145M-250 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
6	10.8	19	6	250	167	1	*1
8	13.3	19	8	250	172	1	*1
10	15.8	19	10	250	182	1	*1
12	18.3	19	12	250	190	1	*1
13	19.5	19	13	250	199	1	*1
14	20.8	19	14	250	208	1	*1
15	22	19	15	250	217	1	*1
17	24.5	19	17	250	225	1	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P238-239

13145M-100 (12P)/-150 (12P)/-200 (12P)

Extra long 12-Point Sockets
Extra lange 12-kant Steckschlüssel
Douilles, série allongée 12 pans



13145M-100 (12P) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	15.8	19	10	100	91	1	*1
12	18.3	19	12	100	100	1	*1

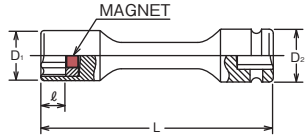
13145M-150 (12P) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	15.8	19	10	150	120	1	*1
12	18.3	19	12	150	128	1	*1

13145M-200 (12P) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	15.8	19	10	200	151	1	*1
12	18.3	19	12	200	159	1	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P238-239

13145MG-100/-150/-200

Extra Long Socket with Magnet
Schaftsteckschlüssel mit Magnet
Douilles, série allongée, avec aimant



13145MG-100 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
8	13.3	19	3.5	100	90	1	*1
10	15.8	19	4.2	100	93	1	*1
12	18.3	19	5.6	100	105	1	*1
13	19.5	19	6	100	115	1	*1
14	20.8	19	6.4	100	120	1	*1

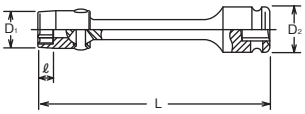
13145MG-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	15.8	19	4.2	150	125	1	*1
12	18.3	19	5.6	150	136	1	*1
13	19.5	19	6	150	145	1	*1
14	20.8	19	6.4	150	150	1	*1

13145MG-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	15.8	19	4.2	200	182	1	*1
12	18.3	19	5.6	200	190	1	*1
13	19.5	19	6	200	208	1	*1
14	20.8	19	6.4	200	225	1	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P238-239

13146M-150/-200/-250

Extra Long Universal Sockets
Schaftsteckschlüssel mit Gelenk
Douilles, articulées, série allongée



13146M-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
8	12	19	6	150	128	1	*1
10	14.3	19	7	150	131	1	*1
12	18	19	8	150	133	1	*1
13	19.3	19	8.5	150	132	1	*1
14	20	19	9	150	132	1	*1

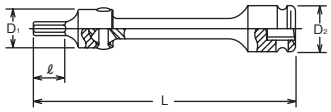
13146M-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
8	12	19	6	200	159	1	*1
10	14.3	19	7	200	162	1	*1
12	18	19	8	200	164	1	*1
13	19.3	19	8.5	200	163	1	*1
14	20	19	9	200	163	1	*1

13146M-250 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
8	12	19	6	250	190	1	*1
10	14.3	19	7	250	193	1	*1
12	18	19	8	250	195	1	*1
13	19.3	19	8.5	250	194	1	*1
14	20	19	9	250	194	1	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P238-239

13147M-150/-200

Extra Long Universal Inhex Sockets
Schaftsteckschlüssel mit Aussensechskant Gelenk
Douilles, articulées, à 6-pans mâle, série allongée



13147M-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
4	21	19	15	150	125	1	*1
5	21	19	15	150	128	1	*1
6	21	19	15	150	132	1	*1
8	21	19	15	150	136	1	*1
10	21	19	15	150	140	1	*1

13147M-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
4	21	19	15	200	156	1	*1
5	21	19	15	200	159	1	*1
6	21	19	15	200	163	1	*1
8	21	19	15	200	167	1	*1
10	21	19	15	200	171	1	*1

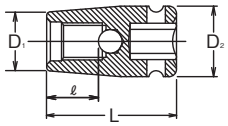
*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P238-239

13103M

Impact Stud Bolt Setters
Impact Stehbolzensetzer
Monte-goujons Impact

13103M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5(0.8)	9.5	19	8	32	39	10	*1
6(1.0)	10.8	19	9	32	41	10	*1
7(1.0)	12.5	19	10	32	44	10	*1
8(1.25)	13.5	19	10.5	35	49	10	*1
10(1.25)	15.8	19	13	35	49	10	*1
10(1.5)	15.8	19	13	35	49	10	*1

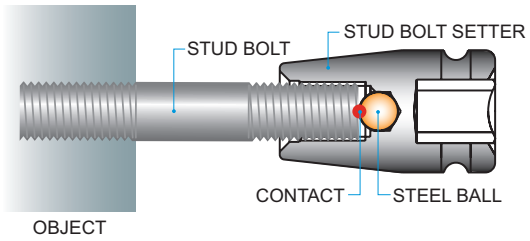
*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P238-239



A special socket for installing a stud bolt.
Inside steel ball prevent the stud bolt stuck onto the socket. After installing a stud bolt, turn to anti-clockwise to removing the socket.

Spezialwerkzeug zum Setzen von Stehbolzen. Der Bolzen trifft im Werkzeug nur auf den Stahlbolzen, was die Kontaktfläche verringert. Nach dem Setzen des Stehbolzens kann das Werkzeug im Linkslauf vom Stehbolzen abgezogen werden.

Douilles spéciales pour monter les goujons.
Le goujon est en contact avec une bille d’acier pour l’empêcher d’adhérer à la douille.
Après avoir posé le goujon, tourner dans le sens antihorlogique pour le retirer

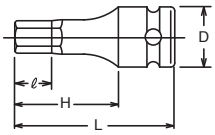


13012M-52

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux

13012M-52 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
4	18	15.5	34	52	35	10	*1
5	18	15.5	34	52	35	10	*1
6	18	15.5	34	52	39	10	*1
7	18	15.5	34	52	44	10	*1
8	21	15.5	34	52	60	10	*2
10	21	15.5	34	52	70	10	*2
12	21	15.5	34	52	79	10	*2
14	21	15.5	34	52	92	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B ➡P238-239



RS13012M/8-L52

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS13012M/8-L52	8 Pieces Set/Rail 200mm	(g)
	4, 5, 6, 7, 8, 10, 12, 14	492

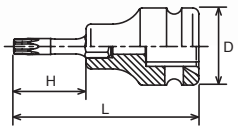
13025-50/-90

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®

13025-50 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
T20	19	23.5	50	35	10	*1
T25	19	23.5	50	35	10	*1
T27	19	23.5	50	35	10	*1
T30	19	23.5	50	35	10	*1
T40	19	23.5	50	39	10	*1
T45	19	23.5	50	60	10	*1
T50	19	23.5	50	70	10	*1
T55	22	23.5	50	79	10	*2

13025-90 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
T20	19	63.5	90	43	10	*1
T25	19	63.5	90	45	10	*1
T27	19	63.5	90	47	10	*1
T30	19	63.5	90	50	10	*1
T40	19	63.5	90	58	10	*1
T45	19	63.5	90	66	10	*1
T50	19	63.5	90	80	10	*1
T55	22	63.5	90	120	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B ➡P238-239



RS13025/8-L50

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS13025/8-L50	8 Pieces Set/Rail 200mm	(g)
	T20, T25, T27, T30, T40, T45, T50, T55	380

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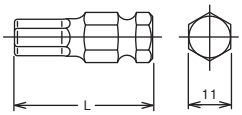
107-11

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans mâles creux



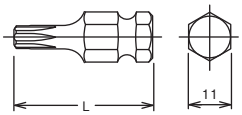
107-11 (inch)	L (mm)	(g)	(pcs.)
3/16	35	15	10
7/32	35	16	10
1/4	35	18	10
5/16	35	20	10
3/8	35	26	10
7/16	35	28	10
1/2	35	38	10
5/8	35	47	10
3/4	35	56	10

107-11 (mm)	L (mm)	(g)	(pcs.)
3	35	15	10
4	35	16	10
5	35	16	10
6	35	18	10
7	35	19	10
8	35	20	10
10	35	26	10
11	35	28	10
12	35	31	10
14	35	38	10
16	35	47	10
17	35	50	10
18	35	53	10
19	35	56	10

107-11(L80) (mm)	L (mm)	(g)	(pcs.)
4	80	54	10
5	80	54	10
6	80	56	10
7	80	57	10
8	80	59	10
10	80	64	10
11	80	66	10
12	80	76	10
14	80	98	10

107-11 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®

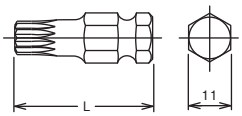


107-11 (T)	L (mm)	(g)	(pcs.)
T25	35	18	10
T30	35	18	10
T40	35	20	10
T45	35	22	10
T50	35	26	10
T55	35	31	10
T60	35	38	10

107-11(L80) (T)	L (mm)	(g)	(pcs.)
T30	80	54	10
T40	80	54	10
T45	80	56	10
T50	80	57	10
T55	80	66	10
T60	80	76	10

107-11 (XZN)

Bits XZN
Klingen XZN
Embouts de vissage, XZN



107-11 (XZN)	L (mm)	(g)	(pcs.)
M 4	35	18	10
M 5	35	20	10
M 6	35	22	10
M 8	35	26	10
M10	35	31	10
M12	35	38	10

107-11(L80) (XZN)	L (mm)	(g)	(pcs.)
M 4	80	54	10
M 5	80	54	10
M 6	80	56	10
M 8	80	57	10
M10	80	66	10
M12	80	76	10
M14	80	80	10

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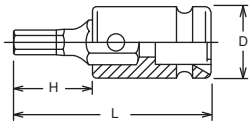
13105-11

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embout avec bit



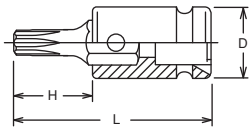
13105-11 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
3	22	22	54	87	10	*1
4	22	22	54	87	10	*1
5	22	22	54	88	10	*1
6	22	22	54	89	10	*1
7	22	22	54	90	10	*1
8	22	22	54	92	10	*1
10	22	22	54	96	10	*1
12	22	22	54	101	10	*1
14	22	22	54	108	10	*1
17	22	22	54	120	10	*1
19	22	22	54	128	10	*1

13105-11 (inch)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
1/4	22	22	54	89	10	*1
5/16	22	22	54	92	10	*1
3/8	22	22	54	96	10	*1
1/2	22	22	54	108	10	*1
3/4	22	22	54	128	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➡P238-239

13105-11 (T)

Bit Holder complete with TORX® Bit
Klingenhalter, komplett mit TORX® Klinge
Porte embout avec bit TORX®

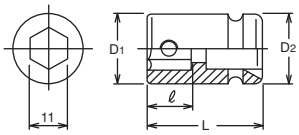


13105-11 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
T25	22	22	54	87	10	*1
T30	22	22	54	87	10	*1
T40	22	22	54	87	10	*1
T45	22	22	54	87	10	*1
T50	22	22	54	92	10	*1
T55	22	22	54	96	10	*1
T60	22	22	54	101	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➡P238-239

13105

Bit Holder
Klingenhalter
Porte embout



	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
13105	22	22	13	32	70	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➡P238-239

Replacement Screw : M5×6, ⬢ 2.5mm
Ersatzschraube : M5×6, ⬢ 2.5mm
Vis de remplacement : M5×6, ⬢ 2.5mm

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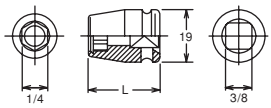
13139

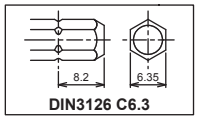
Bit Holder
Klingenhalter
Porte-embout



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
13139-1/4	11	19	30	32	10	*1

*1 C-Ring=1301C,Pin/O-Ring=1301A/B ➔P238-239

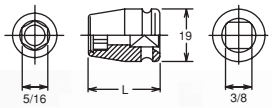
For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts



D6.3

13140

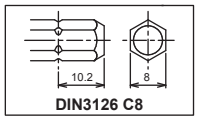
Bit Holder
Klingenhalter
Porte-embout



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
13140-5/16	14	19	30	32	10	*1

*1 C-Ring=1301C,Pin/O-Ring=1301A/B ➔P238-239

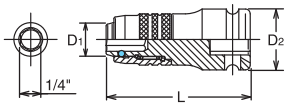
For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts



D8

13142-D6.3

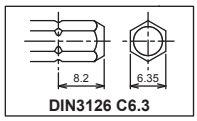
Impact Bit Holder (Quick Release)
Impact Kingenhalter (Schnellwechselfutter)
Porte embout Impact (mandrin autoserrant)



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
13142-D6.3	16	19	45	60	10	*1

*1 C-Ring=1301C,Pin/O-Ring=1301A/B ➔P238-239

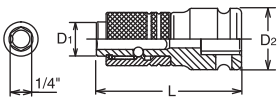
For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts



D6.3

13142-F6.3

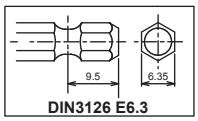
Impact Bit Holder (Quick Release)
Impact Kingenhalter (Schnellwechselfutter)
Porte embout Impact (mandrin autoserrant)



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
13142-F6.3	16.5	19	45	60	10	*1

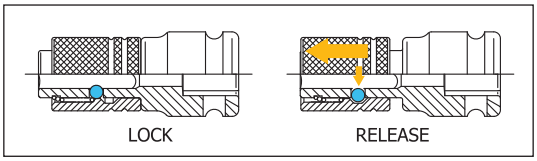
*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P238-239

For DIN3126 E6.3 Bits
Für DIN3126 E6.3 Bits
Pour DIN3126 E6.3 Embouts



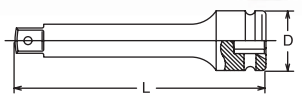
F6.3

Lock & Quick Release



13760-50P/-75P/-100P/-125P/ -150P/-200P/-250P

Extension Bars
Verlängerungen
Rallonges

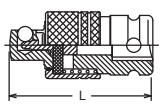


	13760 (mm)	D (mm)	L (mm)	(g)	(pcs.)	
New	50P	22	50	70	10	*1
	75P	22	75	95	10	*1
New	100P	22	100	115	10	*1
	125P	22	125	140	10	*1
New	150P	22	150	165	10	*1
New	200P	22	200	215	10	*1
	250P	22	250	260	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P238-239

13333AL

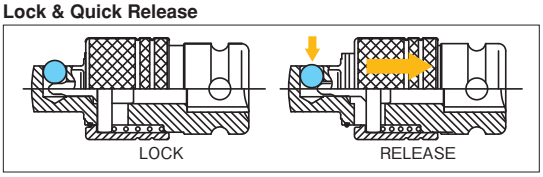
Adaptor (Quick Release)
Verbindungsstück (Quick Release)
Adaptateur (Quick Release)



	L (mm)	(g)	(pcs.)	
13333AL	45	62	10	*1

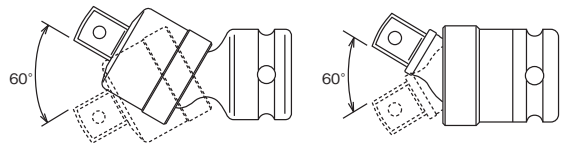
*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P238-239

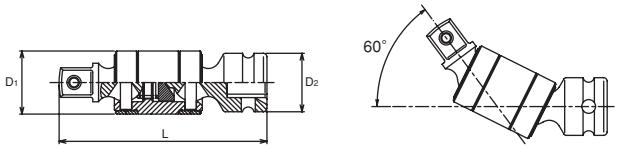
Lock & Quick Release



	L (mm)	(g)	(pcs.)	
13770-P	56	110	10	*1
13771-P	48	92	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P238-239





	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
13772-P	22	19	75	120	5	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P238-239

Make sure sockets hold bolts or nuts before operation.

Vergewissern Sie sich vor dem Gebrauch, dass der Steckschlüssel die Schraube sicher umfasst hat.

Avant la manipulation, il est nécessaire de s' assurer que la douille renferme parfaitement la vis.

	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
13322A-P	3/8"	1/4"	27	25	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P238-239

⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
13344A-P	3/8"	1/2"	32.5	53	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P238-239

13241M	11 Pieces Set/=850g

METAL CASE:W240×H30×T35mm

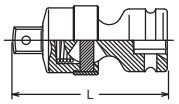
Sockets
13400M 6-pt. Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

13242M	11 Pieces Set/=1,140g

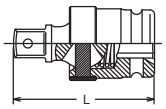
METAL CASE:W310×H90×T48mm

Sockets
13400M 6-pt. Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

13770-P
Universal Joint
Gelenk-Einsatz
Cardan universel

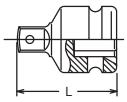


13771-P
Universal Joint
Gelenk-Einsatz
Cardan universel

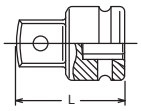


13772-P
Universal Double Joint
Doppelgelenk-Einsatz
Cardan universel double

13322A-P
Adaptor
Verbindungsstück ⚠
Réducteur



13344A-P
Adaptor
Verbindungsstück
Augmentateur

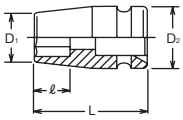


13241M
Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

13242M
Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

14400M / 14400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



14400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	12	25	5	38	80	10	*1
5/16	14.5	25	6	38	85	10	*1
3/8	17	25	7	38	85	10	*1
7/16	18.2	25	8	38	85	10	*1
1/2	20.7	25	10	38	85	10	*1
9/16	22	25	10	38	85	10	*1
5/8	24.5	30	11	38	130	10	*2
11/16	25.7	30	12	38	130	10	*2
3/4	28.2	30	13	38	125	10	*2
13/16	30.7	30	14	38	120	10	*2
7/8	32	30	14	38	130	10	*2
15/16	34.5	30	14	38	135	10	*2
1	35.7	30	14	38	135	10	*2
1. 1/16	38.2	30	16	40	160	10	*2
1. 1/8	40.7	30	17	42	190	10	*2
1. 3/16	42	30	17	42	190	10	*2
1. 1/4	44.5	30	18	42	216	10	*2
1. 5/16	45.7	30	19	46	260	5	*2
1. 3/8	47	30	19	46	263	5	*2
1. 1/2	52	30	20	53	365	5	*2

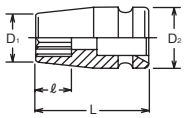
*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	14.5	25	6	38	85	10	*1
9	15.7	25	7	38	85	10	*1
10	17	25	7	38	85	10	*1
11	18.2	25	8	38	85	10	*1
12	19.5	25	9	38	85	10	*1
13	20.7	25	10	38	85	10	*1
14	22	25	10	38	85	10	*1
15	23.2	30	11	38	130	10	*2
16	24.5	30	11	38	130	10	*2
17	25.7	30	12	38	130	10	*2
18	27	30	13	38	130	10	*2
19	28.2	30	13	38	125	10	*2
20	29.5	30	13	38	127	10	*2
21	30.7	30	14	38	120	10	*2
22	32	30	14	38	130	10	*2
23	33.2	30	14	38	130	10	*2
24	34.5	30	14	38	135	10	*2
25	35.7	30	14	38	135	10	*2
26	37	30	14	38	160	10	*2
27	38.2	30	16	40	160	10	*2
28	39.5	30	16	40	170	10	*2
29	40.7	30	17	42	190	10	*2
30	42	30	17	42	190	10	*2
31	43.2	30	17	42	213	10	*2
32	44.5	30	18	42	216	10	*2
33	45.7	30	19	46	260	5	*2
34	47	30	19	46	263	5	*2
35	48.2	30	19	46	275	5	*2
36	49.5	30	20	46	285	5	*2
41	55.7	30	21	55	411	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14405M / 14405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



14405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5/16	14.5	25	6	38	85	10	*1
3/8	17	25	7	38	85	10	*1
7/16	18.2	25	8	38	85	10	*1
1/2	20.7	25	10	38	85	10	*1
9/16	22	25	10	38	85	10	*1
5/8	24.5	30	11	38	130	10	*2
11/16	25.7	30	12	38	130	10	*2
3/4	28.2	30	13	38	125	10	*2
13/16	30.7	30	14	38	120	10	*2
7/8	32	30	14	38	130	10	*2
15/16	34.5	30	14	38	135	10	*2
1	35.7	30	14	38	135	10	*2
1. 1/16	38.2	30	16	40	160	10	*2
1. 1/8	40.7	30	17	42	190	10	*2
1. 3/16	42	30	17	42	190	10	*2
1. 1/4	44.5	30	18	42	216	10	*2
1. 5/16	45.7	30	19	46	260	5	*2
1. 3/8	47	30	19	46	263	5	*2
1. 1/2	52	30	20	53	365	5	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	14.5	25	6	38	85	10	*1
9	15.7	25	7	38	85	10	*1
10	17	25	7	38	85	10	*1
11	18.2	25	8	38	84	10	*1
12	19.5	25	9	38	84	10	*1
13	20.7	25	10	38	84	10	*1
14	22	25	10	38	84	10	*1
15	23.2	30	11	38	130	10	*2
16	24.5	30	11	38	127	10	*2
17	25.7	30	12	38	128	10	*2
18	27	30	13	38	130	10	*2
19	28.2	30	13	38	125	10	*2
20	29.5	30	13	38	127	10	*2
21	30.7	30	14	38	120	10	*2
22	32	30	14	38	130	10	*2
23	33.2	30	14	38	132	10	*2
24	34.5	30	14	38	133	10	*2
26	37	30	14	38	147	10	*2
27	38.2	30	16	40	157	10	*2
28	39.5	30	16	40	170	10	*2
30	42	30	17	42	190	10	*2
32	44.5	30	18	42	216	10	*2
36	49.5	30	20	46	285	5	*2
New 41	55.7	30	21	55	411	5	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

RS14405M/11

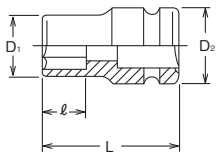
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS14405M/11	11 Pieces Set/Rail 300mm	(g)
9,10,11,12,13,14,15,16,17,18,19		1,250

14401M
14401A

6-point Sockets, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince, 6-pans

thin



14401M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	13	24	6	38	57	10	*1
9	14.2	24	7	38	58	10	*1
10	15.5	24	7	38	60	10	*1
11	16.7	24	8	38	62	10	*1
12	18	24	9	38	63	10	*1
13	19.2	24	10	38	65	10	*1
14	20.5	24	10	38	67	10	*1
15	21.7	29	11	38	100	10	*2
16	23	29	11	38	102	10	*2
17	24.2	29	12	38	105	10	*2
18	25.5	29	13	38	105	10	*2
19	26.7	29	13	38	107	10	*2
20	28	29	13	38	108	10	*2
21	29.2	29	14	38	109	10	*2
22	30.5	29	14	38	114	10	*2
23	31.7	29	14	38	118	10	*2
24	33	29	14	38	122	10	*2
25	34.2	29	14	38	129	10	*2
26	35.5	29	14	38	131	10	*2
27	36.7	29	16	40	145	10	*2
28	38	29	16	40	152	10	*2
29	39.2	29	17	42	165	10	*2
30	40.5	29	17	42	178	10	*2
31	41.7	29	17	42	185	10	*2
32	43	29	18	42	188	10	*2
33	44.2	29	19	46	219	5	*2
34	45.5	29	19	46	248	5	*2
36	48	29	20	46	264	5	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14401A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	10.5	24	5	38	55	10	*1
5/16	13	24	6	38	57	10	*1
3/8	15.5	24	7	38	60	10	*1
7/16	16.7	24	8	38	62	10	*1
1/2	19.2	24	10	38	65	10	*1
9/16	20.5	24	10	38	67	10	*1
5/8	23	29	11	38	102	10	*2
11/16	24.2	29	12	38	105	10	*2
3/4	26.7	29	13	38	107	10	*2
13/16	29.2	29	14	38	109	10	*2
7/8	30.5	29	14	38	114	10	*2
15/16	33	29	14	38	122	10	*2
1	34.2	29	14	38	129	10	*2
1. 1/16	35.5	29	14	40	131	10	*2
1. 1/8	39.2	29	17	42	165	10	*2
1. 3/16	40.5	29	17	42	178	10	*2
1. 1/4	43	29	18	42	188	10	*2
1. 5/16	44.2	29	19	46	219	5	*2
1. 3/8	45.5	29	19	46	248	5	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

RS14401M/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

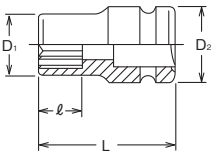
thin

RS14401M/10	10 Pieces Set/Rail 300mm	(g)
10, 12, 13, 14, 17, 19, 21, 22, 24, 27		1,010

14406M
14406A

12-point Sockets, Thin Walled
12-kant Steckschlüssel, dünnwandig
Douilles à paroi mince, 12-pans

thin



14406M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	13	24	6	38	57	10	*1
9	14.2	24	7	38	58	10	*1
10	15.5	24	7	38	60	10	*1
11	16.7	24	8	38	62	10	*1
12	18	24	9	38	63	10	*1
13	19.2	24	10	38	65	10	*1
14	20.5	24	10	38	67	10	*1
15	21.7	29	11	38	100	10	*2
16	23	29	11	38	102	10	*2
17	24.2	29	12	38	105	10	*2
18	25.5	29	13	38	105	10	*2
19	26.7	29	13	38	107	10	*2
20	28	29	13	38	108	10	*2
21	29.2	29	14	38	109	10	*2
22	30.5	29	14	38	114	10	*2
23	31.7	29	14	38	118	10	*2
24	33	29	14	38	122	10	*2
25	34.2	29	14	38	129	10	*2
26	35.5	29	14	38	131	10	*2
27	36.7	29	16	40	145	10	*2
28	38	29	16	40	152	10	*2
29	39.2	29	17	42	165	10	*2
30	40.5	29	17	42	178	10	*2
31	41.7	29	17	42	185	10	*2
32	43	29	18	42	188	10	*2
33	44.2	29	19	46	219	5	*2
34	45.5	29	19	46	248	5	*2
36	48	29	20	46	264	5	*2

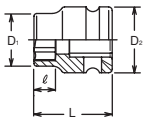
*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14406A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	10.5	24	5	38	55	10	*1
5/16	13	24	6	38	57	10	*1
3/8	15.5	24	7	38	60	10	*1
7/16	16.7	24	8	38	62	10	*1
1/2	19.2	24	10	38	65	10	*1
9/16	20.5	24	10	38	67	10	*1
5/8	23	29	11	38	102	10	*2
11/16	24.2	29	12	38	105	10	*2
3/4	26.7	29	13	38	107	10	*2
13/16	29.2	29	14	38	109	10	*2
7/8	30.5	29	14	38	114	10	*2
15/16	33	29	14	38	122	10	*2
1	34.2	29	14	38	129	10	*2
1. 1/16	35.5	29	14	40	131	10	*2
1. 1/8	39.2	29	17	42	165	10	*2
1. 3/16	40.5	29	17	42	178	10	*2
1. 1/4	43	29	18	42	188	10	*2
1. 5/16	44.2	29	19	46	219	5	*2
1. 3/8	45.5	29	19	46	248	5	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14401MS

6-point short sockets, Thin Walled
6-kant Steckschlüssel kurz, dünnwandig
Douilles 6-pans courtes, à paroi mince



	14401MS (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
New	14	20.5	24	10	29	50	10	*1
New	17	24.2	29	10	29	85	10	*2
New	19	26.7	29	10	29	85	10	*2
New	22	30.5	29	10	29	90	10	*2
New	24	33	29	10	29	90	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

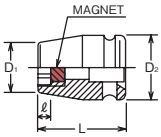
RS14401MS/5

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS14401MS/5	5 Pieces Set/Rail 150mm	(g)
14, 17, 19, 22, 24		420

14400MG

6-point Sockets with Magnet
6-kant Steckschlüssel mit Magnet
Douilles 6-pans avec aimant

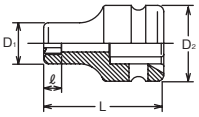


14400MG (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	14.5	25	3.5	38	95	10	*1
10	17	25	4.2	38	95	10	*1
12	19.5	25	5.6	38	100	10	*1
13	20.7	25	6	38	100	10	*1
14	22	25	6.4	38	105	10	*1
15	23.2	30	6.8	38	140	10	*2
16	24.5	30	7	38	145	10	*2
17	25.7	30	7.5	38	145	10	*2
18	27	30	7.8	38	147	10	*2
19	28.2	30	8	38	147	10	*2
21	30.7	30	13.5	38	165	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

14401LH

LHS Sockets
Steckschlüssel mit LHS Profil
Douilles au profil LHS



14401LH (LH-S)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6S	13	25	5.6	38	65	10	*1
8S	16.7	25	6.8	38	69	10	*1
10S	19.2	25	8	38	75	10	*1
12S	23	30	9.2	38	115	10	*2
14S	25.5	30	10.4	38	121	10	*2
16S	29.2	30	11.6	38	128	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

14410M

Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive

14410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	17	25	7	38	100	10	*1
11	18.2	25	8	38	103	10	*1
12	19.5	25	9	38	110	10	*1
13	20.7	25	10	38	113	10	*1
14	22	25	10	38	115	10	*1
15	23.2	30	11	38	120	10	*2
16	24.5	30	11	38	120	10	*2
17	25.7	30	12	38	126	10	*2
18	27	30	13	38	121	10	*2
19	28.2	30	13	38	124	10	*2
20	29.5	30	13	38	123	10	*2
21	30.7	30	14	38	120	10	*2
22	32	30	14	38	130	10	*2
24	34.5	30	14	38	134	10	*2
25	35.7	30	14	38	135	10	*2
26	37	30	14	38	160	10	*2
27	38.2	30	16	40	160	10	*2
28	39.5	30	16	40	170	10	*2
29	40.7	30	17	42	190	10	*2
30	42	30	17	42	190	10	*2
31	43.2	30	17	42	213	10	*2
32	44.5	30	18	42	216	10	*2
34	47	30	19	46	263	5	*2
36	49.5	30	20	46	285	5	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

SURFACE DRIVE

Surface drive sockets are designed to retain contact with the flat sides of the nut in order to transmit higher torque and reduce nut wear.
These sockets are ideal for using on polished nuts, aluminum nuts and nuts with worn out points.

Das Profil unserer Surface-Drive Steckschlüssel greift die Schraube an deren Flächen. Dies sichert eine höhere Kraftübertragung und verhindert ein Durchrutschen des Steckschlüssels. Diese Steckschlüssel eignen sich besonders für polierte Schrauben, Aluminium Schrauben und Schrauben bei denen die Ecken bereits abgerundet sind.

Notre profil Surface Drive assure le contact entre la douille et les plats de l'écrou. Ceci réduit l'usure et permet la transmission d'un couple plus élevé. C'est une solution idéale pour les écrous polies, celles en aluminium ou arrondies.

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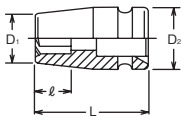
14465M

Pathfinder Sockets
Pathfinder Steckschlüssel
Douilles Pathfinder



14465M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	17	25	8	38	89	10	*1
11	18.2	25	8	38	87	10	*1
12	19.5	25	9	38	87	10	*1
13	20.7	25	9	38	86	10	*1
14	22	25	11	38	86	10	*1
15	23.2	30	11	38	131	10	*2
16	24.5	30	11	38	131	10	*2
17	25.7	30	12	38	132	10	*2
18	27	30	13	38	128	10	*2
19	28.2	30	13	38	128	10	*2
20	29.5	30	14	38	125	10	*2
21	30.7	30	14	38	128	10	*2
22	32	30	15	38	130	10	*2
23	33.2	30	15	38	135	10	*2
24	34.5	30	15	38	135	10	*2
26	37	30	15	38	152	10	*2
27	38.2	30	16	40	169	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

PATHFINDER®

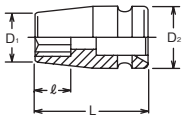
The beveled flats of the 6-points opening of the PATHFINDER socket engage the nut almost immediately. PATHFINDER sockets are ideal for using with power tools in automatic assembly processes, as the power tool does not have to be totally stopped for the socket to engage the nut.

Da die Maschine nicht nach jedem Schraubvorgang angehalten werden muss, ergibt sich eine erhöhte Produktivität, die sich bei vollautomatischen Maschinen (Mehrspindelschrauber) ganz besonders auswirkt.

Les parois en biais des douilles en 6-pans Pathfinder assurent l'engagement quasi immédiat de l'écrou. Le fait de ne pas devoir arrêter la machine après chaque serrage, engendre une productivité supérieure dans les châines de montage automatiques.

14415M

Double 4-point Socket
Doppelvierkant Steckschlüssel
Douilles 4-pans, doubles

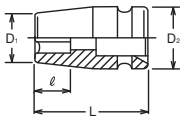


14415M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
14	25.7	30	10	38	138	10	*1
15	27	30	11	38	145	10	*1
16	29.5	30	11	38	150	10	*1
17	30.7	30	12	38	155	10	*1
18	32	30	13	38	165	10	*1
19	33.2	30	14	38	170	10	*1
22	38.2	30	14	40	185	10	*1
24	42	30	14	42	215	10	*1
27	45.7	30	16	46	278	5	*1
28	47	30	16	46	285	5	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



14425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
E10	14.2	25	8.2	38	86	10	*1
E11	14.7	25	8.7	38	86	10	*1
E12	15.2	25	9.3	38	85	10	*1
E14	18.2	25	10.6	38	88	10	*1
E16	19.2	25	11.8	38	88	10	*1
E18	22.2	25	13	38	89	10	*1
E20	24.2	30	14.4	38	134	10	*2
E22	26.2	30	15.5	40	140	10	*2
E24	28.2	30	17	40	138	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14425-EPL

TORXPLUS® Sockets
TORXPLUS® Steckschlüssel
Douilles TORXPLUS®

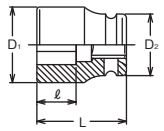
TORXplus®

14425 (EPL)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10EPL	14.5	25	6.2	38	86	10	*1
12EPL	17	25	7.2	38	86	10	*1
14EPL	18.2	25	8.1	38	88	10	*1
16EPL	20.7	25	9.1	38	88	10	*1
18EPL	22	25	10.2	38	90	10	*1
20EPL	24.5	30	11.2	38	135	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14400-WN

Weld Nut Sockets
Steckschlüssel für Schweissmuttern
Douille pour écrou à souder



14400-WN	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8WN	18.3	25	8	38	93	10	*1
9WN	19.5	25	9	38	93	10	*1
10WN	20.8	25	10	38	92	10	*1
12WN	24.5	30	12	38	139	10	*2
14WN	27	30	14	38	136	10	*2
17WN	32	30	17	40	150	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

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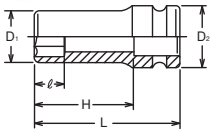
14301X

6-point Semi-Deep Socket, Thin Walled
6-kant Steckschlüssel mittel lang, dünnwandig
Douilles à paroi mince semi-longues, 6-pans

thin



14301X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	13	24	8	42	60	72	10	*1
10	15.5	24	10	42	60	79	10	*1
11	16.7	24	11	42	60	82	10	*1
12	18	24	12	42	60	88	10	*1
13	19.2	24	13	42	60	92	10	*1
14	20.5	24	14	42	60	97	10	*1
15	21.7	29	15	42	60	125	10	*2
16	23	29	16	42	60	135	10	*2
17	24.2	29	17	42	60	142	10	*2
18	25.5	29	18	42	60	148	10	*2
19	26.7	29	19	41	60	151	10	*2
21	29.2	29	21	41	60	170	10	*2
22	30.5	29	22	45	65	187	10	*2
23	31.7	29	23	45	65	192	10	*2
24	33	29	24	45	65	202	10	*2
26	35.5	29	26	44	65	218	10	*2
27	36.7	29	27	44	65	231	10	*2
New 30	40.5	29	30	44	65	268	10	*2
New 32	43	29	32	44	65	296	10	*2
New 36	48	29	36	44	65	350	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

RS14301X/10

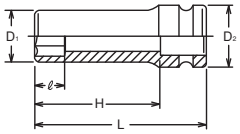
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

thin

RS14301X/10	10 Pieces Set/Rail 300mm	(g)
10, 12, 13, 14, 17, 19, 21, 22, 24, 27		1,585

14300M / 14300A

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



14300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
5/16	14.5	25	8	62	80	137	10	*1
3/8	17	25	10	62	80	140	10	*1
7/16	18.2	25	11	62	80	156	10	*1
1/2	20.7	25	13	62	80	162	10	*1
9/16	22	25	14	62	80	174	10	*1
5/8	24.5	30	16	62	80	232	10	*2
11/16	25.7	30	17	62	80	232	10	*2
3/4	28.2	30	19	61	80	259	10	*2
13/16	30.7	30	21	61	80	265	10	*2
7/8	32	30	22	65	85	290	10	*2
15/16	34.5	30	24	65	85	329	10	*2
1	35.7	30	25	65	85	345	10	*2
1. 1/16	38.2	30	27	64	85	385	10	*2
1. 1/8	40.7	30	29	63	85	416	10	*2
1. 3/16	42	30	30	63	85	457	10	*2
1. 1/4	44.5	30	32	63	85	542	10	*2
1. 7/16	50.7	30	37	61	85	580	2	*2
1. 1/2	52	30	38	61	85	600	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

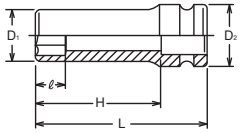
14300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	14.5	25	8	62	80	137	10	*1
9	15.7	25	9	62	80	138	10	*1
10	17	25	10	62	80	140	10	*1
11	18.2	25	11	62	80	156	10	*1
12	19.5	25	12	62	80	162	10	*1
13	20.7	25	13	62	80	162	10	*1
14	22	25	14	62	80	174	10	*1
15	23.2	30	15	62	80	220	10	*2
16	24.5	30	16	62	80	232	10	*2
17	25.7	30	17	62	80	232	10	*2
18	27	30	18	62	80	232	10	*2
19	28.2	30	19	61	80	259	10	*2
20	29.5	30	20	61	80	265	10	*2
21	30.7	30	21	61	80	265	10	*2
22	32	30	22	65	85	290	10	*2
23	33.2	30	23	65	85	300	10	*2
24	34.5	30	24	65	85	329	10	*2
25	35.7	30	25	65	85	345	10	*2
26	37	30	26	64	85	350	10	*2
27	38.2	30	27	64	85	385	10	*2
28	39.5	30	28	64	85	390	10	*2
29	40.7	30	29	63	85	416	10	*2
30	42	30	30	63	85	457	10	*2
31	43.2	30	31	63	85	505	10	*2
32	44.5	30	32	63	85	542	10	*2
33	45.7	30	33	62	85	562	2	*2
34	47	30	33	62	85	570	2	*2
35	48.2	30	35	62	85	600	2	*2
36	49.5	30	36	61	85	640	2	*2
41	55.7	30	38	60	85	690	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14301M / 14301A

6-point Deep Sockets, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince longues, 6-pans

thin



14301M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	13	24	8	62	80	87	10	*1
9	14.2	24	9	62	80	92	10	*1
10	15.5	24	10	62	80	98	10	*1
11	16.7	24	11	62	80	104	10	*1
12	18	24	12	62	80	111	10	*1
13	19.2	24	13	62	80	120	10	*1
14	20.5	24	14	62	80	127	10	*1
15	21.7	29	15	62	80	169	10	*2
16	23	29	16	62	80	173	10	*2
17	24.2	29	17	62	80	182	10	*2
18	25.5	29	18	62	80	192	10	*2
19	26.7	29	19	61	80	197	10	*2
20	28	29	20	61	80	203	10	*2
21	29.2	29	21	61	80	218	10	*2
22	30.5	29	22	65	85	244	10	*2
23	31.7	29	23	65	85	253	10	*2
24	33	29	24	65	85	261	10	*2
25	34.2	29	25	65	85	282	10	*2
26	35.5	29	26	64	85	299	10	*2
27	36.7	29	27	64	85	314	10	*2
28	38	29	29	64	85	273	10	*2
29	39.2	29	29	63	85	280	10	*2
30	40.5	29	30	63	85	360	10	*2
31	41.7	29	31	63	85	370	10	*2
32	43	29	32	63	85	380	10	*2
34	45.5	29	34	62	85	411	2	*2
35	46.7	29	35	62	85	450	2	*2
36	48	29	36	61	85	460	2	*2

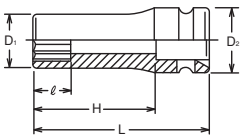
*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14301A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
3/8	15.5	24	10	62	80	98	10	*1
7/16	16.7	24	11	62	80	104	10	*1
1/2	19.2	24	13	62	80	120	10	*1
9/16	20.5	24	14	62	80	127	10	*1
5/8	23	29	16	62	80	173	10	*2
11/16	24.2	29	17	62	80	182	10	*2
3/4	26.7	29	19	61	80	197	10	*2
13/16	29.2	29	21	61	80	218	10	*2
7/8	30.5	29	22	65	85	244	10	*2
15/16	33	29	24	65	85	261	10	*2
1. 1/16	36.7	29	27	64	85	314	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14305M

12-point Deep Sockets
12-kant Steckschlüssel,lang
Douilles longues 12-pans



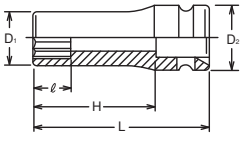
14305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	14.5	25	8	62	80	137	10	*1
10	17	25	10	62	80	140	10	*1
11	18.2	25	11	62	80	156	10	*1
12	19.5	25	12	62	80	162	10	*1
13	20.7	25	13	62	80	162	10	*1
14	22	25	14	62	80	174	10	*1
15	23.2	30	15	62	80	220	10	*2
16	24.5	30	16	62	80	232	10	*2
17	25.7	30	17	62	80	232	10	*2
18	27	30	18	62	80	232	10	*2
19	28.2	30	19	61	80	259	10	*2
20	29.5	30	20	61	80	265	10	*2
21	30.7	30	21	61	80	265	10	*2
22	32	30	22	65	85	290	10	*2
24	34.5	30	24	65	85	329	10	*2
27	38.2	30	27	64	85	385	10	*2
28	39.5	30	28	64	85	390	10	*2
30	42	30	30	63	85	457	10	*2
32	44.5	30	32	63	85	542	10	*2
36	49.5	30	36	61	85	635	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14306M

12-point Deep Sockets, Thin Walled
12-kant Steckschlüssel, dünnwandig
Douilles à paroi mince longues, 12-pans

thin

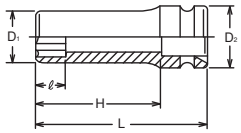


14306M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	15.5	24	10	62	80	98	10	*1
12	18	24	12	62	80	111	10	*1
13	19.2	24	13	62	80	120	10	*1
14	20.5	24	14	62	80	127	10	*1
15	21.7	29	15	62	80	169	10	*2
16	23	29	16	62	80	173	10	*2
17	24.2	29	17	62	80	182	10	*2
18	25.5	29	18	62	80	192	10	*2
19	26.7	29	19	61	80	197	10	*2
21	29.2	29	21	61	80	218	10	*2
22	30.5	29	22	65	85	244	10	*2
24	33	29	24	65	85	261	10	*2
27	36.7	29	27	64	85	314	10	*2
30	40.5	29	30	63	85	360	10	*2
32	43	29	32	63	85	380	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14310M

Surface Drive Sockets, deep
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive

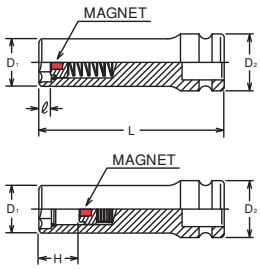


14310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	17	25	10	62	80	136	10	*1
11	18.2	25	11	62	80	148	10	*1
12	19.5	25	12	62	80	156	10	*1
13	20.7	25	13	62	80	158	10	*1
14	22	25	14	62	80	170	10	*1
15	23.2	30	15	62	80	225	10	*2
16	24.5	30	16	62	80	228	10	*2
17	25.7	30	17	62	80	232	10	*2
18	27	30	18	62	80	232	10	*2
19	28.2	30	19	61	80	252	10	*2
20	29.5	30	20	61	80	260	10	*2
21	30.7	30	21	61	80	260	10	*2
22	32	30	22	65	85	290	10	*2
23	33.2	30	23	65	85	300	10	*2
24	34.5	30	24	65	85	322	10	*2
25	35.7	30	25	65	85	338	10	*2
26	37	30	26	64	85	350	10	*2
27	38.2	30	27	64	85	380	10	*2
28	39.5	30	28	64	85	390	10	*2
29	40.7	30	29	63	85	416	10	*2
30	42	30	30	63	85	450	10	*2
31	43.2	30	31	63	85	505	10	*2
32	44.5	30	32	63	85	535	10	*2
34	47	30	34	62	85	563	2	*2
36	49.5	30	36	61	85	630	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14300G

Impact Socket with Sliding Magnet
Impact Steckschlüssel mit versenkbarem Magnet
Douilles Impact avec aimant, glissant pour écrous

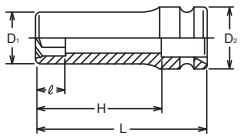


14300G (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)t	L (mm)t	(g)	(pcs.)	
10	17	25	4.5	26	80	139	10	*1
12	19.5	25	6	26	80	165	10	*1
13	20.7	25	6.5	25	80	185	10	*1
14	22	25	7	24	80	189	10	*1
New **15**	23.2	30	7	24	80	240	10	*2
16	24.5	30	7.5	26.5	80	270	10	*2
17	25.7	30	8	26.5	80	272	10	*2
18	27	30	8.5	26.5	80	290	10	*2
19	28.2	30	9	27.5	80	308	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14365M

Pathfinder Sockets, deep
Pathfinder Steckschlüssel, lang
Douilles longues, Pathfinder

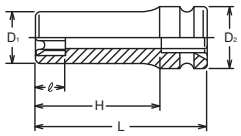


14365M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	17	25	8	62	80	138	10	*1
11	18.2	25	8	62	80	144	10	*1
12	19.5	25	9	62	80	165	10	*1
13	20.7	25	9	62	80	170	10	*1
14	22	25	11	62	80	178	10	*1
15	23.2	30	11	62	80	237	10	*2
16	24.5	30	11	62	80	245	10	*2
17	25.7	30	12	62	80	263	10	*2
18	27	30	13	62	80	268	10	*2
19	28.2	30	13	61	80	270	10	*2
20	29.5	30	14	61	80	274	10	*2
21	30.7	30	14	61	80	287	10	*2
22	32	30	15	65	85	314	10	*2
23	33.2	30	15	65	85	320	10	*2
24	34.5	30	15	65	85	335	10	*2
26	37	30	15	64	85	388	10	*2
27	38.2	30	16	64	85	407	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

14325

TORX® Deep Sockets
TORX® Steckschlüssel, lang
Douilles longues TORX®



14325 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
E10	14.2	25	8.2	62	80	136	10	*1
E12	15.2	25	9.3	62	80	141	10	*1
E14	18.2	25	10.6	62	80	147	10	*1
E16	19.2	25	11.8	62	80	151	10	*1
E18	22.2	25	13	62	80	218	10	*1
E20	24.2	30	14.4	62	80	225	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

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TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

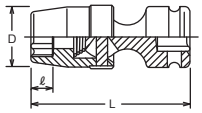
14440M / 14440A

Universal Sockets
Gelenk-Einsätze
Douilles universelles

14440M (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
13	20.7	6	67.5	210	10	*1
14	22	7	69.5	210	10	*1
15	23.2	7	69.5	210	10	*1
16	24.5	8	69.5	206	10	*1
17	25.7	8	69.5	220	10	*1
18	27	9	69.5	218	10	*1
19	28.2	10	73.5	260	10	*1
20	29.5	10	73.5	270	10	*1
21	30.7	11	73.5	280	10	*1
22	32	13	73.5	290	10	*1
24	34.5	14	73.5	300	10	*1

14440A (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/2	20.7	6	67.5	210	10	*1
9/16	22	7	69.5	210	10	*1
5/8	24.5	8	69.5	206	10	*1
11/16	25.7	8	69.5	220	10	*1
3/4	28.2	10	73.5	260	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239



14100M / 14100A

Impact Screw and Stud Pullers
Impact Stehbolzendreher
Extracteurs de goujons Impact

14100M (mm)	D₁ (mm)	D₂ (mm)	L (mm)	(g)	(pcs.)	
6	24	25	48	126	10	*1
7	24	25	48	126	10	*1
8	24	25	48	122	10	*1
9	28	30	48	181	10	*2
10	28	30	48	181	10	*2
12	28	30	48	175	10	*2

14100A (inch)	D₁ (mm)	D₂ (mm)	L (mm)	(g)	(pcs.)	
1/4	24	25	48	126	10	*1
5/16	24	25	48	122	10	*1
3/8	28	30	48	181	10	*2
7/16	28	30	48	181	10	*2
1/2	28	30	48	180	10	*2

*1 C-Ring=1401C,Pin/O-Ring=1401A/B
*2 C-Ring=1402C,Pin/O-Ring=1402A/B ➡P238-239

Hexagon body design can lessen the excessive load on cages and rollers inside the pullers.

Der neue Körper mit sechs Walzenmulden verteilt den Druck auf den Käfig und die Walzen weitaus vorteilhafter.

La forme hexagonale du corps améliore les tolérances.
Elle répartit l'effort de façon plus uniforme sur la cage et les rouleaux.

Tolerance

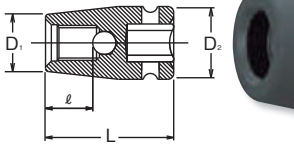
14100M (mm)		14100A (inch)	
6	5.6- 6	**1/4**	6 - 6.4
7	6.6- 7	**5/16**	7.6- 8
8	7.6- 8	**3/8**	9 - 9.6
9	8.4- 9	**7/16**	10.5-11.1
10	9.4-10	**1/2**	12.1-12.7
12	11.4-12		

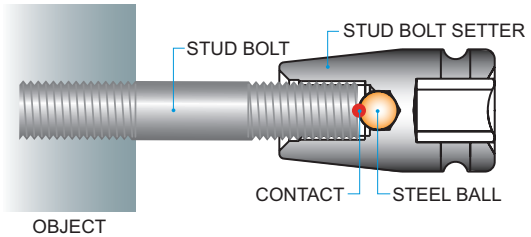
14103M

Impact Stud Bolt Setters
Impact Stehbolzensetzer
Monte-goujons Impact

14103M (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6(1.0)	12	25	10	38	75	10	*1
7(1.0)	13.2	25	11.4	38	78	10	*1
8(1.25)	14.5	25	11.5	38	81	10	*1
10(1.25)	17	25	13.5	44	106	10	*1
10(1.5)	17	25	13.5	44	106	10	*1
12(1.25)	19.5	25	15.5	44	107	10	*1
12(1.75)	19.5	25	15.5	44	107	10	*1
14(1.5)	22	25	18.2	48	128	10	*1
14(2.0)	22	25	18.2	48	128	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P238-239





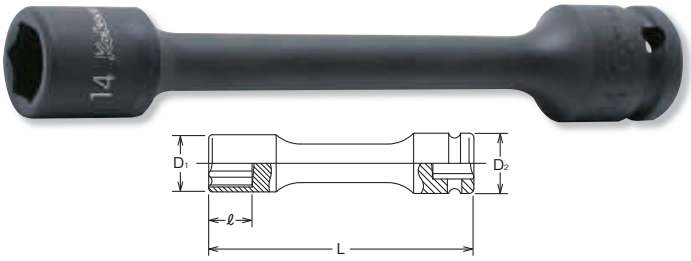
A special socket for installing a stud bolt.
Inside steel ball prevent the stud bolt stuck onto the socket. After installing a stud bolt, turn to anti-clockwise to removing the socket.

Spezialwerkzeug zum Setzen von Stehbolzen. Der Bolzen trifft im Werkzeug nur auf den Stahlbolzen, was die Kontaktfläche verringert. Nach dem Setzen des Stehbolzens kann das Werkzeug im Linkslauf vom Stehbolzen abgezogen werden.

Douilles spéciales pour monter les goujons.
Le goujon est en contact avec une bille d'acier pour l'empêcher d'adhérer à la douille.
Après avoir posé le goujon, tourner dans le sens antihorlogique pour le retirer

14145M-100/-150/-200/-250

Extra Long Sockets
Schaftsteckschlüssel
Douilles, série allongée



	14145M-100 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
New	**10**	17	25	10	100	155	1	*1
New	**12**	19.5	25	12	100	165	1	*1
New	**14**	22	25	14	100	180	1	*1
New	**17**	25.7	25	17	100	210	1	*1
New	**19**	28.2	25	19	100	230	1	*1

14145M-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	17	25	10	150	190	1	*1
12	19.5	25	12	150	204	1	*1
13	20.7	25	13	150	216	1	*1
14	22	25	14	150	228	1	*1
15	23.2	25	15	150	240	1	*1
16	24.5	25	16	150	245	1	*1
17	25.7	25	17	150	253	1	*1
18	27	25	18	150	260	1	*1
19	28.2	25	19	150	267	1	*1

14145M-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	17	25	10	200	234	1	*1
12	19.5	25	12	200	248	1	*1
13	20.7	25	13	200	260	1	*1
14	22	25	14	200	272	1	*1
15	23.2	25	15	200	284	1	*1
16	24.5	25	16	200	290	1	*1
17	25.7	25	17	200	297	1	*1
18	27	25	18	200	305	1	*1
19	28.2	25	19	200	311	1	*1

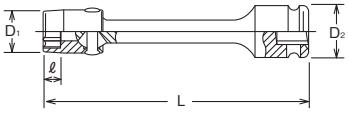
*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➔P238-239

14145M-250 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	17	25	10	250	278	1	*1
12	19.5	25	12	250	292	1	*1
13	20.7	25	13	250	304	1	*1
14	22	25	14	250	316	1	*1
15	23.2	25	15	250	328	1	*1
16	24.5	25	16	250	335	1	*1
17	25.7	25	17	250	341	1	*1
18	27	25	18	250	350	1	*1
19	28.2	25	19	250	355	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➔P238-239

14146M-150/-200/-250

Extra Long Universal Sockets
Schaftsteckschlüssel mit Gelenk
Douilles, articulées, série allongée



14146M-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	16	25	6.5	150	197	1	*1
12	19.3	25	7.5	150	200	1	*1
13	20	25	8	150	201	1	*1
14	21	25	8.5	150	203	1	*1
15	22	25	9	150	201	1	*1
16	23	25	9.5	150	200	1	*1
17	25	25	9.5	150	200	1	*1
18	26	25	11	150	210	1	*1
19	28	25	11.5	150	210	1	*1

14146M-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	16	25	6.5	200	241	1	*1
12	19.3	25	7.5	200	244	1	*1
13	20	25	8	200	245	1	*1
14	21	25	8.5	200	247	1	*1
15	22	25	9	200	245	1	*1
16	23	25	9.5	200	244	1	*1
17	25	25	9.5	200	244	1	*1
18	26	25	11	200	250	1	*1
19	28	25	11.5	200	254	1	*1

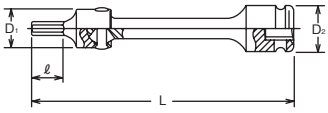
*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P238-239

14146M-250 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	16	25	6.5	250	285	1	*1
12	19.3	25	7.5	250	288	1	*1
13	20	25	8	250	289	1	*1
14	21	25	8.5	250	291	1	*1
15	22	25	9	250	289	1	*1
16	23	25	9.5	250	288	1	*1
17	25	25	9.5	250	288	1	*1
18	26	25	11	250	290	1	*1
19	28	25	11.5	250	299	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P238-239

14147M-150/-200

Extra Long Universal Inhex Sockets
Schaftsteckschlüssel mit Aussensechskant Gelenk
Douilles, articulées, à 6-pans mâle, série allongée



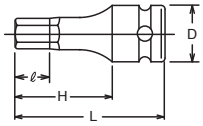
14147M-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
6	25	25	15	150	200	1	*1
8	25	25	15	150	205	1	*1
10	25	25	15	150	210	1	*1
12	25	25	15	150	217	1	*1

14147M-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
6	25	25	15	200	244	1	*1
8	25	25	15	200	249	1	*1
10	25	25	15	200	254	1	*1
12	25	25	15	200	261	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P238-239

14012M-60

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



14012M-60 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
4	25	15.5	38	60	68	10	*1
5	25	15.5	38	60	71	10	*1
6	25	15.5	38	60	74	10	*1
7	25	15.5	38	60	80	10	*1
8	25	15.5	38	60	84	10	*1
10	30	15.5	38	60	140	10	*2
12	30	15.5	38	60	150	10	*2
14	30	15.5	38	60	170	10	*2
17	30	15.5	38	60	190	10	*2
19	30	15.5	38	60	210	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

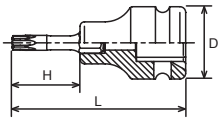
RS14012M/10-L60

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS14012M/10-L60	10 Pieces Set/Rail 300mm	(g)
4, 5, 6, 7, 8, 10, 12, 14, 17, 19		1,300

14025-60/-100

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®



14025-60 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
T20	25	23.5	60	75	10	*1
T25	25	23.5	60	75	10	*1
T27	25	23.5	60	75	10	*1
T30	25	23.5	60	80	10	*1
T40	25	23.5	60	85	10	*1
T45	25	23.5	60	85	10	*1
T50	25	23.5	60	95	10	*1
T55	25	23.5	60	110	10	*1
T60	30	23.5	60	160	10	*2

14025-100 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
T30	25	73.5	100	85	10	*1
T40	25	73.5	100	95	10	*1
T45	25	73.5	100	102	10	*1
T50	25	73.5	100	120	10	*1
T55	25	73.5	100	155	10	*1
T60	30	73.5	100	220	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

RS14025/6-L60

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS14025/6-L60	6 Pieces Set/Rail 200mm	(g)
T30, T40, T45, T50, T55,T60		650

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	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
14105	22	30	13	38	126	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

Replacement Screw : M5×6, ⬢ 2.5mm
Ersatzschraube : M5×6, ⬢ 2.5mm
Vis de remplacement : M5×6, ⬢ 2.5mm

	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
14105L	22	30	13	43	160	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

107-11 (mm)	L (mm)	(g)	(pcs.)
3	35	15	10
4	35	16	10
5	35	16	10
6	35	18	10
7	35	19	10
8	35	20	10
10	35	26	10
11	35	28	10
12	35	31	10
14	35	38	10
16	35	47	10
17	35	50	10
18	35	53	10
19	35	56	10

107-11(L80) (mm)	L (mm)	(g)	(pcs.)
4	80	54	10
5	80	54	10
6	80	56	10
7	80	57	10
8	80	59	10
10	80	64	10
11	80	66	10
12	80	76	10
14	80	98	10

107-11 (T)	L (mm)	(g)	(pcs.)
T25	35	18	10
T30	35	18	10
T40	35	20	10
T45	35	22	10
T50	35	26	10
T55	35	31	10
T60	35	38	10

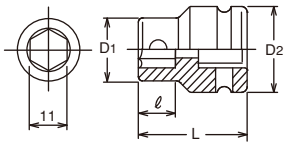
107-11(L80) (T)	L (mm)	(g)	(pcs.)
T30	80	54	10
T40	80	54	10
T45	80	56	10
T50	80	57	10
T55	80	66	10
T60	80	76	10

107-11 (XZN)	L (mm)	(g)	(pcs.)
M 4	35	18	10
M 5	35	20	10
M 6	35	22	10
M 8	35	26	10
M10	35	31	10
M12	35	38	10

107-11(L80) (XZN)	L (mm)	(g)	(pcs.)
M 4	80	54	10
M 5	80	54	10
M 6	80	56	10
M 8	80	57	10
M10	80	66	10
M12	80	76	10
M14	80	80	10

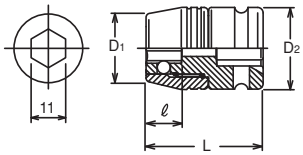
14105

Bit Holder
Klingenhalter
Porte-embouts



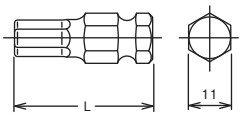
14105L

Bit Holder (Quick Release)
Klingenhalter mit Schnellwechselfutter
Porte embout (Quick Release)



107-11

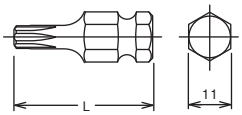
Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux



107-11 (inch)	L (mm)	(g)	(pcs.)
3/16	35	16	10
7/32	35	16	10
1/4	35	18	10
5/16	35	20	10
3/8	35	26	10
7/16	35	28	10
1/2	35	38	10
5/8	35	47	10
3/4	35	56	10

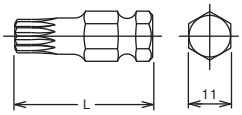
107-11 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®



107-11 (XZN)

Bits XZN
Klingen XZN
Embouts de vissage, XZN



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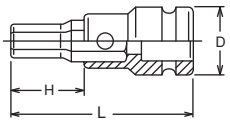
14105-11

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embouts avec bit

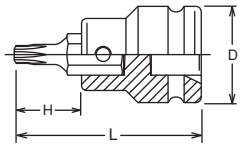


14105-11 (inch)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
1/4	30	22	60	144	10	*1
5/16	30	22	60	146	10	*1
3/8	30	22	60	152	10	*1
1/2	30	22	60	164	10	*1
3/4	30	22	60	182	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

14105-11 (T)

Bit Holder complete with TORX® Bit
Klingenhalter, komplett mit TORX® Klinge
Porte embouts avec bit TORX®

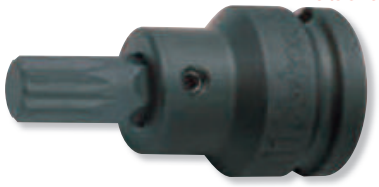


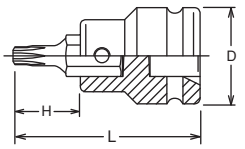
14105-11 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
T25	30	22	60	144	10	*1
T30	30	22	60	144	10	*1
T40	30	22	60	146	10	*1
T45	30	22	60	152	10	*1
T50	30	22	60	157	10	*1
T55	30	22	60	160	10	*1
T60	30	22	60	164	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

14105-11 (XZN)

Bit Holder complete with XZN Bit
Klingenhalter, komplett mit XZN Klinge
Porte embouts avec bit XZN



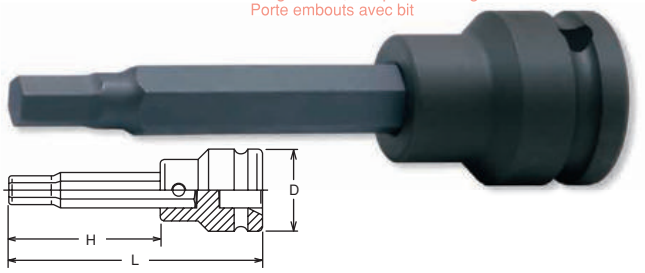


14105-11 (XZN)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
M 4	30	22	60	144	10	*1
M 5	30	22	60	146	10	*1
M 6	30	22	60	152	10	*1
M 8	30	22	60	157	10	*1
M10	30	22	60	160	10	*1
M12	30	22	60	164	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

14105-L105

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embouts avec bit

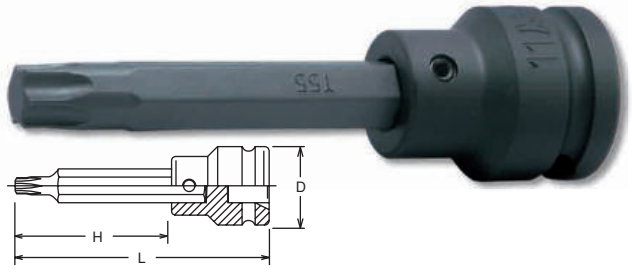


14105(L105) (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
4	30	67	105	180	10	*1
5	30	67	105	180	10	*1
6	30	67	105	185	10	*1
7	30	67	105	185	10	*1
8	30	67	105	185	10	*1
10	30	67	105	190	10	*1
11	30	67	105	190	10	*1
12	30	67	105	200	10	*1
14	30	67	105	230	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

14105-L105 (T)

Bit Holder complete with TORX® Bit
Klingenhalter, komplett mit TORX® Klinge
Porte embouts avec bit TORX®

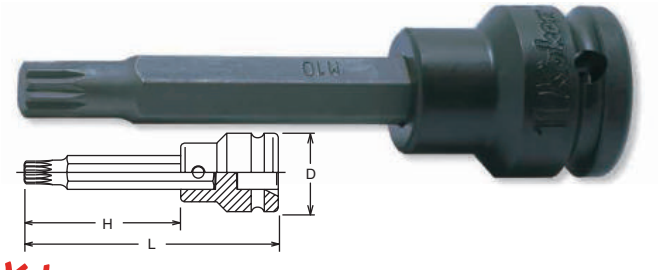


14105(L105) (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
T30	30	67	105	180	10	*1
T40	30	67	105	180	10	*1
T45	30	67	105	185	10	*1
T50	30	67	105	185	10	*1
T55	30	67	105	195	10	*1
T60	30	67	105	205	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

14105-L105 (XZN)

Bit Holder complete with XZN Bit
Klingenhalter, komplett mit XZN Klinge
Porte embouts avec bit XZN



14105(L105) (XZN)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
M 4	30	67	105	180	10	*1
M 5	30	67	105	180	10	*1
M 6	30	67	105	185	10	*1
M 8	30	67	105	185	10	*1
M10	30	67	105	195	10	*1
M12	30	67	105	205	10	*1
M14	30	67	105	210	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

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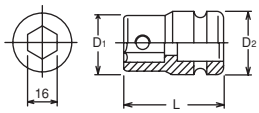
14106

Bit Holder
Klingenhalter
Porte-embouts

	D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
14106	28	30	43	160	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B →P238-239

Replacement Screw : M6×8, ⬢ 3mm
Ersatzschraube : M6×8, ⬢ 3mm
Vis de remplacement : M6×8, ⬢ 3mm

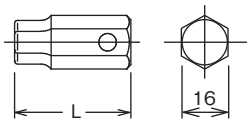


107-16

Bits for Inhex screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans mâles creux

107-16 (mm)	L (mm)	(g)	(pcs.)
10	40	46	10
12	40	52	10
13	40	56	10
14	40	60	10
16	40	69	10
17	40	73	10
18	40	78	10
19	40	80	10
22	40	97	10

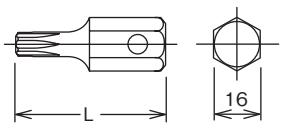
107-16 (inch)	L (mm)	(g)	(pcs.)
1/2	40	56	10
9/16	40	60	10
5/8	40	69	10
3/4	40	80	10



107-16 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®

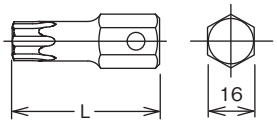
107-16 (T)	L (mm)	(g)	(pcs.)
T55	50	57	10
T60	50	64	10
T70	50	73	10



107-16 (IP)

TORXPLUS® Bits
TORXPLUS® Klingen
Embouts TORXPLUS®

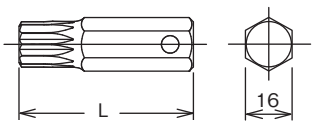
107-16 (IP)	L (mm)	(g)	(pcs.)
New **55IP**	50	57	10
New **60IP**	50	64	10
New **70IP**	50	73	10



107-16 (XZN)

Bits XZN
Klingen XZN
Embouts de vissage, XZN

107-16 (XZN)	L (mm)	(g)	(pcs.)
M14	60	83	10
M16	60	93	10
M18	60	103	10



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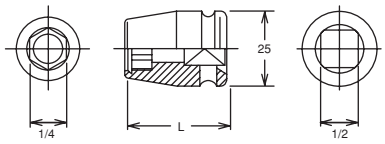
14139

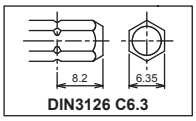
Bit Holder
Klingenhalter
Porte-embouts



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
14139-1/4	11	25	38	62	10	*1

*1 C-Ring=1401C,Pin/O-Ring=1401A/B ➔P238-239

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts

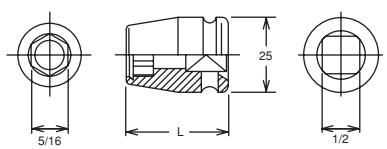


DIN3126 C6.3

D6.3

14140

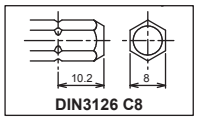
Bit Holder
Klingenhalter
Porte-embouts



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
14140-5/16	14	25	38	62	10	*1

*1 C-Ring=1401C,Pin/O-Ring=1401A/B ➔P238-239

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts

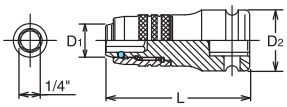


DIN3126 C8

D8

14142-D6.3

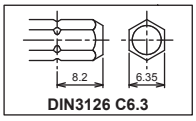
Bit Holder (Quick Release)
Kingenhalter (Schnellwechselfutter)
Porte embouts (mandrin autoserrant)



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
14142-D6.3	16	25	55	97	10	*1

*1 C-Ring=1401C,Pin/O-Ring=1401A/B ➔P238-239

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts

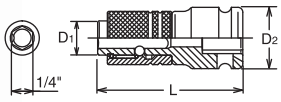


DIN3126 C6.3

D6.3

14142-F6.3

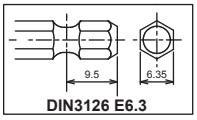
Bit Holder (Quick Release)
Kingenhalter (Schnellwechselfutter)
Porte embouts (mandrin autoserrant)



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
14142-F6.3	16.5	25	55	100	10	*1

*1 C-Ring=1401C,Pin/O-Ring=1401A/B ➔P238-239

For DIN3126 E6.3 Bits
Für DIN3126 E6.3 Bits
Pour DIN3126 E6.3 Embouts



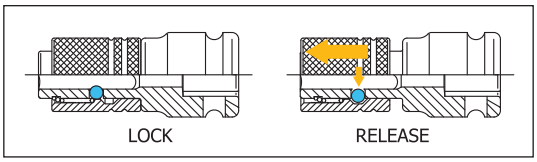
DIN3126 E6.3

F6.3

14760-50P/-75P/-100P/-125P/-150P/ -175P/-200P/-250P

Extension Bars
Verlängerungen
Rallonges

Lock & Quick Release

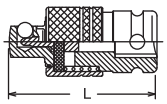


14760	D (mm)	L (mm)	(g)	(pcs.)	
50P	30	50	150	10	*1
75P	30	75	188	10	*1
100P	30	100	240	10	*1
125P	30	125	275	5	*1
150P	30	150	300	5	*1
175P	30	175	358	5	*1
200P	30	200	405	5	*1
250P	30	250	480	1	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➔P238-239

14444AL

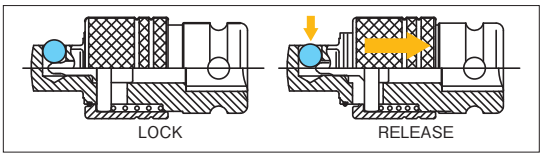
Adaptor (Quick Release)
Verbindungsstück (Quick Release)
Adaptateur (Quick Release)



	L (mm)	(g)	(pcs.)	
14444AL	60	128	5	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➔P238-239

Lock & Quick Release

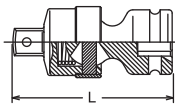


14770-P

Universal Joint
Gelenk-Einsatz
Cardan universel

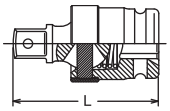
	L (mm)	(g)	(pcs.)	
14770-P	74	210	5	*1
14771-P	65	198	5	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➔P238-239



14771-P

Universal Joint
Gelenk-Einsatz
Cardan universel

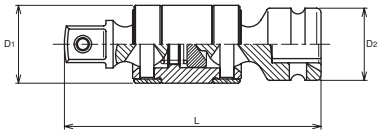


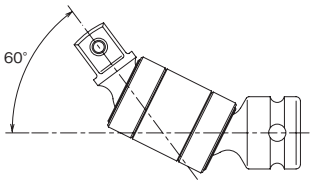
14772-P

Universal Double Joint
Doppelgelenk-Einsatz
Cardan universel double

	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
14772-P	27	25	90	230	5	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➔P238-239





Make sure sockets hold bolts or nuts before operation.

Vergewissern Sie sich vor dem Gebrauch, dass der Steckschlüssel die Schraube sicher umfasst hat.

Avant la manipulation, il est nécessaire de s’assurer que la douille renferme parfaitement la vis.

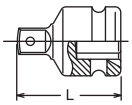
14433A-P

Adaptor
Verbindungsstück
Réducteur

No Warranty
Keine Garantie
Sans Garantie ⚠

	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
14433A-P	1/2"	3/8"	37.5	68	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➔P238-239



⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

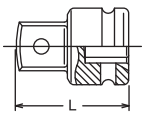
Il est possible d’appliquer aux articles marqués ⚠ des couples de serrage susceptibles d’occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d’une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

14455A

Adaptor
Verbindungsstück
Augmentateur

	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
14455A	1/2"	5/8"	42	135	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➔P238-239

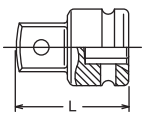


14466A

Adaptor
Verbindungsstück
Augmentateur

	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
14466A	1/2"	3/4"	44	146	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➔P238-239



14203M

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douilles

14203M	10 Pieces Set/=900g
METAL CASE: W190×H59×T45mm	
Bits	Bit Holder
107.11 Hex Bits 5, 6, 8, 10	**14105** Bit Holder
107.16 Hex Bits 12, 14, 17, 19	**14106** Bit Holder

14204M

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douilles

14204M	18 Pieces Set/=1,370g
METAL CASE:W310×H90×T48mm	
Bits	Bit Holder
107.11 Hex Bits 4, 5, 6, 7, 8, 10, 12, 14	**14105** Bit Holder
107.11 (L80) Hex Bits 4, 5, 6, 7, 8, 10, 12, 14	**168H-2.5 (40)** Screwdriver

14204T

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douilles

14204T	14 Pieces Set/=1,180g
METAL CASE:W310×H90×T48mm	
Bits	Bit Holder
107.11 (T) TORX® Bits T30, T40, T45, T50, T55, T60	**14105** Bit Holder
107.11 (L80) TORX® Bits T30, T40, T45, T50, T55, T60	**168H-2.5 (40)** Screwdriver

14204X

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douilles

14204X	14 Pieces Set/=1,180g
METAL CASE:W310×H90×T48mm	
Bits	Bit Holder
107.11 (XZN) XZN Bits M4, M5, M6, M8, M10, M12	**14105** Bit Holder
107.11 (L80) XZN Bits M4, M5, M6, M8, M10, M12	**168H-2.5 (40)** Screwdriver

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TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

14207M

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

14207M	10 Pieces Set/=2,700g

METAL CASE:W310×H90×T48mm

Sockets
14300M 6-pt Deep Sockets 10, 12, 13, 14, 17, 19, 21, 22, 24, 27

14208M

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

14208M	13 Pieces Set/=3,500g

METAL CASE:W395×H90×T50mm

Sockets
14300M 6-pt Deep Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27

14241M-00
14241M-05

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

14241M-00	13 Pieces Set/=2,000g

METAL CASE:W196×H100×T45mm

Sockets
14400M 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27

14241M-05	13 Pieces Set/=2,000g

METAL CASE:W196×H100×T45mm

Sockets
14405M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27

14242M

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

14242M	12 Pieces Set/=1,890g

METAL CASE:W310×H90×T48mm

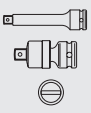
Sockets
14400M 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 27

14245M-00
14245M-05

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

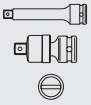
14245M-00	18 Pieces Set/=2,250g

METAL CASE:W310×H90×T48mm

Sockets	Accessories
14400M 6-pt. Sockets 10, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27	 **14760-125P** **14770-P** **1401A, 1402A** **1401B, 1402B**

14245M-05	18 Pieces Set/=2,250g

METAL CASE:W310×H90×T48mm

Sockets	Accessories
14405M 12-pt. Sockets 10, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27	 **14760-125P** **14770-P** **1401A, 1402A** **1401B, 1402B**

5/8”

15400M

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

15400M (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
14	24	35	10	47.5	220	5	*1
17	27.8	35	12	47.5	225	5	*1
19	30.3	35	13	47.5	225	5	*1
21	32.8	35	15	47.5	225	5	*1
22	34	35	15	47.5	225	5	*1
23	35.4	35	16	47.5	225	5	*1
24	36.5	35	16	50.5	245	5	*1
26	39	35	16	50.5	260	1	*1

*1 Pin/O-Ring=1500A/B ➡P239

15410M

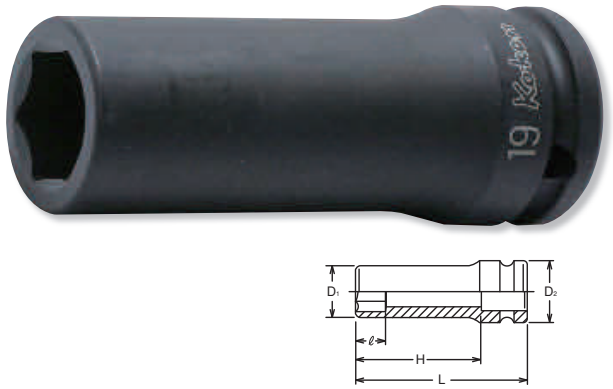
Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive

15410M (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
14	24	35	10	47.5	220	5	*1
17	27.8	35	12	47.5	225	5	*1
19	30.3	35	13	47.5	225	5	*1
21	32.8	35	15	47.5	225	5	*1
22	34	35	15	47.5	225	5	*1
23	35.4	35	16	47.5	225	5	*1
24	36.5	35	16	50.5	245	5	*1
26	39	35	16	50.5	260	5	*1

*1 Pin/O-Ring=1500A/B ➡P239

15300M

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans

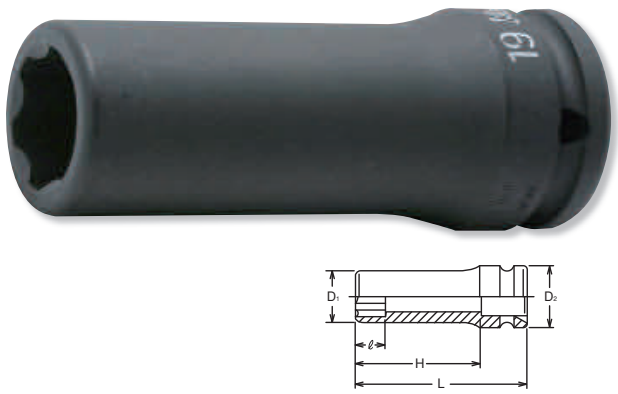


15300M (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
14	24	35	14	71	90	295	2	*1
17	27.8	35	17	71	90	325	2	*1
19	30.3	35	19	71	90	350	2	*1
21	32.8	35	21	71	90	380	2	*1
22	34	35	22	71	90	390	2	*1

*1 Pin/O-Ring=1500A/B ➡P239

15310M

Surface Drive Sockets, deep
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive



15310M (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
14	24	35	14	71	90	295	2	*1
17	27.8	35	17	71	90	325	2	*1
19	30.3	35	19	71	90	350	2	*1
21	32.8	35	21	71	90	380	2	*1
22	34	35	22	71	90	390	2	*1

*1 Pin/O-Ring=1500A/B ➡P239

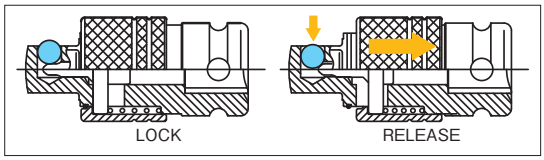
15555AL

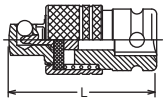
Adaptor (Quick Release)
Schnellwechsel-Verbindungsstück (Quick Release)
Adaptateur (Quick Release)

	L (mm)	(g)	(pce.)	
15555AL	70	310	1	*1

*1 Pin/O-Ring=1500A/B ➡P239

Lock & Quick Release



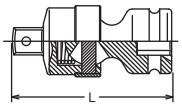


15770

Universal Joint
Gelenk-Einsatz
Cardan universel

	L (mm)	(g)	(pce.)	
15770	88	420	1	*1

*1 Pin/O-Ring=1500A/B ➡P239



15544A-P

Adaptor
Verbindungsstück
Réducteur

No Warranty
Keine Garantie
Sans Garantie

	(sq.)	(sq.)	L (mm)	(g)	(pce.)	
15544A-P	5/8"	1/2"	46	165	1	*1

*1 Pin/O-Ring=1500A/B ➡P239

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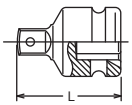
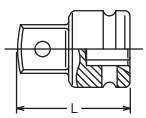


15566A

Adaptor
Verbindungsstück
Augmentateur

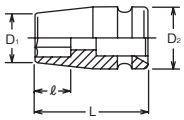
	(sq.)	(sq.)	L (mm)	(g)	(pce.)	
15566A	5/8"	3/4"	48	200	1	*1

*1 Pin/O-Ring=1500A/B ➡P239



16400M / 16400A

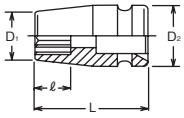
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



16400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
11/16	30	44	12	50	355	5	*1
3/4	32.5	44	13	50	360	5	*1
13/16	35	44	15	50	374	5	*1
7/8	36.3	44	15	50	373	5	*1
15/16	38.8	44	16	50	370	5	*1
1	40	44	16	50	374	5	*1
1. 1/16	42.5	44	16	50	375	5	*1
1. 1/8	45	44	18	53	412	5	*1
1. 3/16	46.3	44	18	53	410	5	*1
1. 1/4	48.8	44	19	53	428	5	*1
1. 5/16	51.3	44	20	55	490	5	*1
1. 3/8	52.5	44	20	55	494	5	*1
1. 7/16	55	44	20	55	526	2	*1
1. 1/2	56.3	44	20	57	558	2	*1
1. 9/16	58.8	44	20	57	598	2	*1
1. 5/8	60	44	22	57	572	2	*1
1.11/16	62.5	44	23	62	720	2	*1
1. 3/4	65	44	23	62	757	2	*1
1.13/16	66.3	44	23	62	755	2	*1
1. 7/8	68.8	54	23	62	940	2	*2
1.15/16	70	54	23	62	912	2	*2
2	72.5	54	30	62	969	2	*2
2. 1/16	73.8	54	29	62	1011	2	*2
2. 1/8	76.3	54	29	62	1035	2	*2
2. 3/16	77.5	54	29	62	1056	2	*2
2. 1/4	80	54	32	65	1126	2	*2
2. 5/16	81.3	54	31	65	1163	2	*2
2. 3/8	83.8	54	31	65	1215	2	*2

16405M / 16405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



16405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
3/4	32.5	44	13	50	360	5	*1
13/16	35	44	15	50	374	5	*1
7/8	36.3	44	15	50	373	5	*1
15/16	38.8	44	16	50	370	5	*1
1	40	44	16	50	374	5	*1
1. 1/16	42.5	44	16	50	375	5	*1
1. 1/8	45	44	18	53	412	5	*1
1. 3/16	46.3	44	18	53	410	5	*1
1. 1/4	48.8	44	19	53	428	5	*1
1. 5/16	51.3	44	20	55	490	5	*1
1. 3/8	52.5	44	20	55	494	5	*1
1. 7/16	55	44	20	55	526	2	*1
1. 1/2	56.3	44	20	57	558	2	*1
1. 5/8	60	44	22	57	572	2	*1
1.11/16	62.5	44	23	62	720	2	*1
1. 3/4	65	44	23	62	757	2	*1
1. 7/8	68.8	54	23	62	940	2	*2
2	72.5	54	30	62	969	2	*2

16400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	30	44	12	50	355	5	*1
18	31.3	44	13	50	372	5	*1
19	32.5	44	13	50	360	5	*1
20	33.8	44	14	50	375	5	*1
21	35	44	15	50	374	5	*1
22	36.3	44	15	50	373	5	*1
23	37.5	44	16	50	373	5	*1
24	38.8	44	16	50	370	5	*1
25	40	44	16	50	374	5	*1
26	41.3	44	16	50	378	5	*1
27	42.5	44	16	50	375	5	*1
28	43.8	44	16	50	383	5	*1
29	45	44	18	53	412	5	*1
30	46.3	44	18	53	410	5	*1
31	47.5	44	18	53	426	5	*1
32	48.8	44	19	53	428	5	*1
33	50	44	20	55	470	5	*1
34	51.3	44	20	55	490	5	*1
35	52.5	44	20	55	494	5	*1
36	53.8	44	20	55	498	5	*1
37	55	44	20	55	526	2	*1
38	56.3	44	20	57	558	2	*1
39	57.5	44	20	57	579	2	*1
40	58.8	44	20	57	598	2	*1
41	60	44	22	57	572	2	*1
42	61.3	44	22	57	617	2	*1
43	62.5	44	23	62	720	2	*1
44	63.8	44	23	62	761	2	*1
45	65	44	23	62	757	2	*1
46	66.3	44	23	62	755	2	*1
47	67.5	54	23	62	805	2	*2
48	68.8	54	23	62	940	2	*2
49	70	54	23	62	912	2	*2
50	71.3	54	30	62	930	2	*2
52	73.8	54	29	62	1011	2	*2
54	76.3	54	29	62	1035	2	*2
55	77.5	54	29	62	1056	2	*2
56	78.8	54	29	62	1091	2	*2
57	80	54	32	65	1126	2	*2
58	81.3	54	31	65	1163	2	*2
59	82.5	54	31	65	1185	2	*2
60	83.8	54	31	65	1215	2	*2
65	90	54	30	65	1325	2	*2
70	96.3	54	34	70	1570	1	*2

*1 C-Ring=1600C, Pin/O-Ring=1601A/B
*2 C-Ring=1801C, Pin/O-Ring=1602A/B
➡P238-239

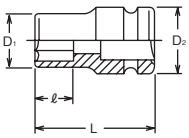
16405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	30	44	12	50	355	5	*1
18	31.3	44	13	50	372	5	*1
19	32.5	44	13	50	360	5	*1
20	33.8	44	14	50	375	5	*1
21	35	44	15	50	374	5	*1
22	36.3	44	15	50	373	5	*1
23	37.5	44	16	50	373	5	*1
24	38.8	44	16	50	370	5	*1
25	40	44	16	50	374	5	*1
26	41.3	44	16	50	378	5	*1
27	42.5	44	16	50	375	5	*1
28	43.8	44	16	50	383	5	*1
29	45	44	18	53	412	5	*1
30	46.3	44	18	53	410	5	*1
32	48.8	44	19	53	428	5	*1
33	50	44	20	55	470	5	*1
34	51.3	44	20	55	490	5	*1
36	53.8	44	20	55	498	5	*1
38	56.3	44	20	57	558	2	*1
41	60	44	22	57	572	2	*1
42	61.3	44	22	57	617	2	*1
46	66.3	44	23	62	755	2	*1
50	71.3	54	30	62	930	2	*2
52	73.8	54	29	62	1011	2	*2
55	77.5	54	29	62	1056	2	*2
60	83.8	54	31	65	1215	2	*2
65	90	54	30	65	1325	2	*2

*1 C-Ring=1600C, Pin/O-Ring=1601A/B
*2 C-Ring=1801C, Pin/O-Ring=1602A/B
➡P238-239

16401M
16401A

6-point Sockets, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince, 6-pans

thin



16401M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	28	43	12	50	300	5	*1
18	29.3	43	13	50	300	5	*1
19	30.5	43	13	50	300	5	*1
20	31.8	43	14	50	302	5	*1
21	33	43	15	50	305	5	*1
22	34.3	43	15	50	310	5	*1
23	35.5	43	16	50	315	5	*1
24	36.8	43	16	50	325	5	*1
25	38	43	16	50	326	5	*1
26	39.3	43	16	50	330	5	*1
27	40.5	43	16	50	340	5	*1
28	41.8	43	16	50	345	5	*1
29	43	43	18	53	355	5	*1
30	44.3	43	18	53	365	5	*1
31	45.5	43	18	53	375	5	*1
32	46.8	43	19	53	385	5	*1
33	48	43	20	55	395	5	*1
34	49.3	43	20	55	420	5	*1
35	50.5	43	20	55	430	5	*1
36	51.8	43	20	55	440	5	*1
37	53	43	20	55	460	2	*1
38	54.3	43	20	57	472	2	*1
40	56.8	43	20	57	525	2	*1
41	58	43	22	57	555	2	*1
42	59.3	43	22	57	565	2	*1
44	61.8	43	23	62	670	2	*1
46	64.3	43	23	62	710	2	*1

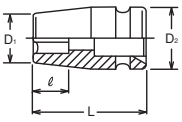
*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

16401A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
11/16	28	43	12	50	300	5	*1
3/4	30.5	43	13	50	300	5	*1
13/16	33	43	15	50	305	5	*1
7/8	34.3	43	15	50	310	5	*1
15/16	36.8	43	16	50	325	5	*1
1	38	43	16	50	326	5	*1
1. 1/16	40.5	43	16	50	340	5	*1
1. 1/8	43	43	18	53	355	5	*1
1. 3/16	44.3	43	18	53	365	5	*1
1. 1/4	46.8	43	19	53	385	5	*1
1. 5/16	49.3	30	20	55	437	5	*1
1. 3/8	50.5	43	20	55	430	5	*1
1. 7/16	53	43	20	55	460	2	*1
1. 1/2	54.3	43	20	57	472	2	*1
1. 9/16	56.8	43	20	57	525	2	*1
1. 5/8	58	43	22	57	555	2	*1
1.13/16	64.3	43	23	62	710	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

16425

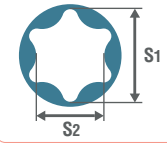
TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



16425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
E18	26.3	44	13	50	355	5	*1
E20	28.8	44	14.4	50	370	5	*1
E22	31.3	44	15.5	50	390	5	*1
E24	32.5	44	17	50	390	5	*1
E26	35	44	18.8	60	460	5	*1
E28	36.3	44	25.2	60	465	5	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

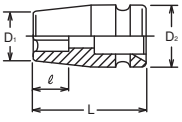
TORX® (E)



E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24	E26	E28
S1	(ref. mm)	3.7	4.6	5.6	6.1	7.4	9.3	9.9	11.0	12.8	14.6	16.5	18.3	20.1	22.0	23.7	25.5
S2	(ref. mm)	2.7	3.3	4.0	4.3	5.3	6.8	7.1	7.9	9.2	10.5	11.9	13.2	14.8	15.7	17.5	18.3

16425-EPL

TORXPLUS® Sockets
TORXPLUS® Steckschlüssel
Douilles TORXPLUS®



16425 (EPL)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
24EPL	32.5	44	12.2	55	427	5	*1
32EPL	40	44	16.1	62	488	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

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TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

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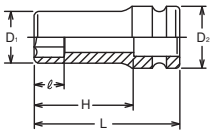
TORXplus® ist ein registriertes Markenzeichen der Firma **Acument Intellectual Properties, LLC.**
TORXplus® est une marque déposée de **Acument Intellectual Properties, LLC.**

16301X

6-point Semi-Deep Sockets, Thin Walled
6-kant Steckschlüssel mittel lang, dünnwandig
Douilles à paroi mince semi-longues, 6-pans

thin



16301X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
17	28	43	17	49	75	370	2	*1
18	29.3	43	18	49	75	380	2	*1
19	30.5	43	19	49	75	393	2	*1
20	31.8	43	20	49	75	400	2	*1
21	33	43	21	49	75	408	2	*1
22	34.3	43	22	49	75	418	2	*1
23	35.5	43	23	49	75	425	2	*1
24	36.8	43	24	49	75	435	2	*1
25	38	43	25	49	75	449	2	*1
26	39.3	43	26	49	75	455	2	*1
27	40.5	43	27	48	75	464	2	*1
28	41.8	43	28	48	75	479	2	*1
29	43	43	29	48	75	489	2	*1
30	44.3	43	30	48	75	506	2	*1
31	45.5	43	31	47	75	518	2	*1
32	46.8	43	32	47	75	535	2	*1
33	48	43	33	47	75	550	2	*1
35	50.5	43	35	46	75	585	2	*1
36	51.8	43	36	46	75	603	2	*1
37	53	43	37	46	75	645	2	*1
38	54.3	43	38	50	80	691	2	*1
40	56.8	43	38	50	80	725	2	*1
41	58	43	38	49	80	755	2	*1
46	64.3	43	38	48	80	808	2	*1

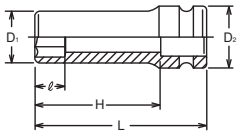
*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

16300M / 16300A

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles longues, 6-pans

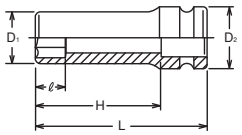
16300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
3/4	32.5	44	19	74	100	655	2	*1
13/16	35	44	21	74	100	700	2	*1
7/8	36.3	44	22	74	100	700	2	*1
15/16	38.8	44	24	74	100	705	2	*1
1	40	44	25	74	100	715	2	*1
1 1/16	42.5	44	27	73	100	765	2	*1
1 1/8	45	44	29	73	100	835	2	*1
1 3/16	46.3	44	30	73	100	840	2	*1
1 1/4	48.8	44	32	72	100	875	2	*1
1 5/16	51.3	44	34	72	100	950	2	*1
1 3/8	52.5	44	35	71	100	980	2	*1
1 7/16	55	44	37	71	100	970	2	*1
1 1/2	56.3	44	38	70	100	990	2	*1
1 9/16	58.8	44	38	70	100	1060	2	*1
1 5/8	60	44	38	69	100	1120	2	*1
1.11/16	62.5	44	38	69	100	1200	2	*1
1 3/4	65	44	38	68	100	1284	2	*1
1.13/16	66.3	44	38	68	100	1305	2	*1
1 7/8	68.8	54	38	67	100	1561	2	*2
2	72.5	54	60	–	100	1516	2	*2

*1 C-Ring=1600C, Pin/O-Ring=1601A/B
*2 C-Ring=1801C, Pin/O-Ring=1602A/B ➡P238-239



16300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
17	30	44	17	74	100	544	2	*1
18	31.3	44	18	74	100	642	2	*1
19	32.5	44	19	74	100	655	2	*1
20	33.8	44	20	74	100	680	2	*1
21	35	44	21	74	100	700	2	*1
22	36.3	44	22	74	100	700	2	*1
23	37.5	44	23	74	100	720	2	*1
24	38.8	44	24	74	100	705	2	*1
25	40	44	25	74	100	715	2	*1
26	41.3	44	26	74	100	710	2	*1
27	42.5	44	27	73	100	710	2	*1
28	43.8	44	28	73	100	800	2	*1
29	45	44	29	73	100	835	2	*1
30	46.3	44	30	73	100	840	2	*1
31	47.5	44	31	72	100	815	2	*1
32	48.8	44	32	72	100	875	2	*1
33	50	44	33	72	100	920	2	*1
34	51.3	44	34	72	100	950	2	*1
35	52.5	44	35	71	100	980	2	*1
36	53.8	44	36	71	100	960	2	*1
37	55	44	37	71	100	970	2	*1
38	56.3	44	38	70	100	990	2	*1
40	58.8	44	38	70	100	1060	2	*1
41	60	44	38	69	100	1120	2	*1
42	61.3	44	38	69	100	1153	2	*1
43	62.5	44	38	69	100	1200	2	*1
46	66.3	44	38	68	100	1305	2	*1
50	71.3	54	61	–	100	1469	2	*2
55	77.5	54	59	–	100	1620	2	*2

*1 C-Ring=1600C, Pin/O-Ring=1601A/B
*2 C-Ring=1801C, Pin/O-Ring=1602A/B ➡P238-239



16301M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
17	28	43	17	74	100	470	2	*1
18	29.3	43	18	74	100	475	2	*1
19	30.5	43	19	74	100	480	2	*1
20	31.8	43	20	74	100	491	2	*1
21	33	43	21	74	100	505	2	*1
22	34.3	43	22	74	100	528	2	*1
23	35.5	43	23	74	100	542	2	*1
24	36.8	43	24	74	100	560	2	*1
25	38	43	25	74	100	581	2	*1
26	39.3	43	26	74	100	600	2	*1
27	40.5	43	27	73	100	610	2	*1
28	41.8	43	28	73	100	639	2	*1
29	43	43	29	73	100	650	2	*1
30	44.3	43	30	73	100	670	2	*1
31	45.5	43	31	72	100	690	2	*1
32	46.8	43	32	72	100	715	2	*1
33	48	43	33	72	100	750	2	*1
34	49.3	43	34	72	100	772	2	*1
35	50.5	43	35	71	100	785	2	*1
36	51.8	43	36	71	100	830	2	*1
37	53	43	37	71	100	850	2	*1
38	54.3	43	38	70	100	885	2	*1
40	56.8	43	38	70	100	925	2	*1
41	58	43	38	69	100	970	2	*1
42	59.3	43	38	69	100	990	2	*1
46	64.3	43	38	68	100	1150	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

16305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
14	26.3	44	14	74	100	500	2	*1
17	30	44	17	74	100	544	2	*1
18	31.3	44	18	74	100	600	2	*1
19	32.5	44	19	74	100	655	2	*1
21	35	44	21	74	100	700	2	*1
22	36.3	44	22	74	100	700	2	*1
23	37.5	44	23	74	100	720	2	*1
24	38.8	44	24	74	100	715	2	*1
26	41.3	44	26	74	100	760	2	*1
27	42.5	44	27	73	100	765	2	*1
28	43.8	44	28	73	100	800	2	*1
29	45	44	29	73	100	835	2	*1
30	46.3	44	30	73	100	840	2	*1
32	48.8	44	32	72	100	875	2	*1
35	52.5	44	35	71	100	980	2	*1
36	53.8	44	36	71	100	960	2	*1
38	56.3	44	38	70	100	990	2	*1
41	60	44	38	69	100	1120	2	*1
46	66.3	44	38	68	100	1305	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

16325 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
E18	26.3	44	13	74	100	520	2	*1
E20	28.8	44	14.4	74	100	560	2	*1
E22	31.3	44	15.5	74	100	600	2	*1
E24	32.5	44	17	74	100	630	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

16301M
16301A

6-point Deep Sockets, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince longues, 6-pans

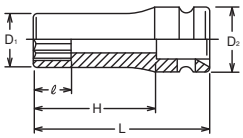
thin

16301A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
11/16	28	43	17	74	100	470	2	*1
3/4	30.5	43	19	74	100	480	2	*1
13/16	33	43	21	74	100	505	2	*1
7/8	34.3	43	22	74	100	528	2	*1
15/16	36.8	43	24	74	100	560	2	*1
1	38	43	25	74	100	581	2	*1
1. 1/16	40.5	43	27	73	100	610	2	*1
1. 1/8	43	43	29	73	100	650	2	*1
1. 3/16	44.3	43	30	73	100	670	2	*1
1. 1/4	46.8	43	32	72	100	715	2	*1
1. 3/8	50.5	43	35	71	100	785	2	*1
1. 7/16	53	43	37	71	100	850	2	*1
1. 1/2	54.3	43	38	70	100	885	2	*1
1. 9/16	56.8	43	38	70	100	925	2	*1
1. 5/8	58	43	38	69	100	970	2	*1
1.13/16	64.3	43	38	68	100	1150	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

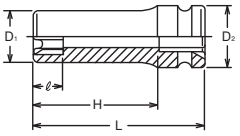
16305M

12-point Sockets, deep
12-kant Steckschlüssel, lang
Douilles longues, 12-pans



16325

TORX® Deep Sockets
TORX® Steckschlüssel, lang
Douilles longues TORX®



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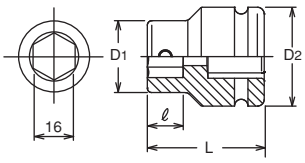
16106

Bit Holder
Klingenhalter
Porte-embout



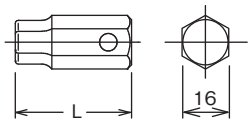
	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
16106	32	44	16	52	370	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

Replacement Screw : M6×10, ⬢ 3mm
Ersatzschraube : M6×10, ⬢ 3mm
Vis de remplacement : M6×10, ⬢ 3mm

107-16

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux

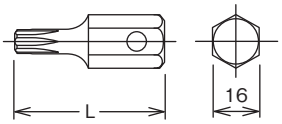


107-16 (mm)	L (mm)	(g)	(pcs.)
10	40	46	10
12	40	52	10
13	40	56	10
14	40	60	10
16	40	69	10
17	40	73	10
18	40	78	10
19	40	80	10
22	40	97	10

107-16 (inch)	L (mm)	(g)	(pcs.)
1/2	40	56	10
9/16	40	60	10
5/8	40	69	10
3/4	40	80	10

107-16 (T)

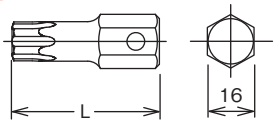
TORX® Bits
TORX® Klingen
Embouts, TORX®



107-16 (T)	L (mm)	(g)	(pcs.)
T55	50	57	10
T60	50	64	10
T70	50	73	10

107-16 (IP)

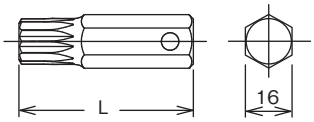
TORXPLUS® Bits
TORXPLUS® Klingen
Embouts TORXPLUS®



	107-16 (IP)	L (mm)	(g)	(pcs.)
New	**55IP**	50	57	10
New	**60IP**	50	64	10
New	**70IP**	50	73	10

107-16 (XZN)

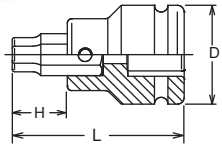
Bits XZN
Klingen XZN
Embouts de vissage, XZN



107-16 (XZN)	L (mm)	(g)	(pcs.)
M14	60	83	10
M16	60	93	10
M18	60	103	10

16106-16

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embout avec bit



16106-16 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	44	24	76	416	2	*1
12	44	24	76	422	2	*1
13	44	24	76	426	2	*1
14	44	24	76	430	2	*1
16	44	24	76	439	2	*1
17	44	24	76	443	2	*1
18	44	24	76	448	2	*1
19	44	24	76	450	2	*1
22	44	24	76	473	2	*1

16106-16 (inch)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
1/2	44	24	76	426	2	*1
9/16	44	24	76	430	2	*1
5/8	44	24	76	439	2	*1
3/4	44	24	76	450	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

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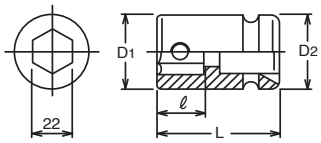
16107

Bit Holder
Klingenhalter
Porte embouts

	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
16107	44	44	22	60	530	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

Replacement Screw : M8×14, ⬢ 4mm
Ersatzschraube : M8×14, ⬢ 4mm
Vis de remplacement : M8×14, ⬢ 4mm

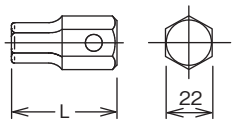


107-22

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux

107-22 (mm)	L (mm)	(g)	(pcs.)
17	50	120	10
19	50	140	10
22	50	162	10
24	50	176	10
27	50	200	10
30	50	227	10
32	55	243	10

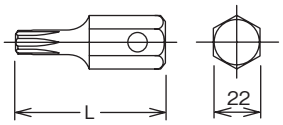
107-22 (inch)	L (mm)	(g)	(pcs.)
5/8	50	120	10
3/4	50	140	10
7/8	50	162	10
1	50	190	10
1. 1/4	55	243	10



107-22 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®

107-22 (T)	L (mm)	(g)	(pcs.)
T 80	60	141	10
T 90	60	155	10
T100	60	170	10

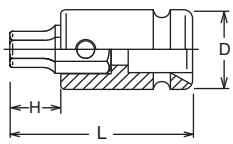


16107-22

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embouts avec bit

16107-22 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
19	44	28	88	670	2	*1
22	44	28	88	692	2	*1
24	44	28	88	706	2	*1
27	44	28	88	730	2	*1
30	44	28	88	757	2	*1
32	44	28	93	783	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239



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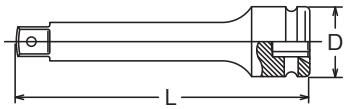
16760-150/-175/-200/-250/-330

Extension Bars
Verlängerungen
Rallonges

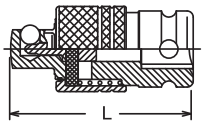


16760	D (mm)	L (mm)	(g)	(pce.)	
150	44	150	775	1	*1
175	44	175	870	1	*1
200	44	200	955	1	*1
250	44	250	1150	1	*1
330	44	330	1460	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

16666AL

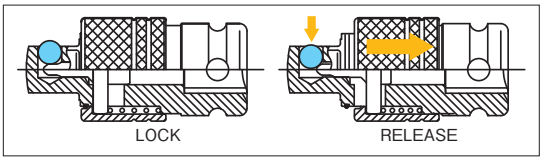
Adaptor (Quick Release)
Verbindungsstück (Quick Release)
Adaptateur (Quick Release)



	L (mm)	(g)	(pcs.)	
16666AL	75	660	2	*1

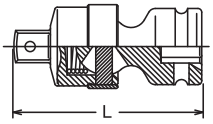
*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

Lock & Quick Release



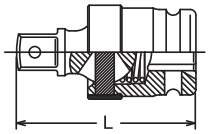
16770

Universal Joint
Gelenk-Einsatz
Cardan universel



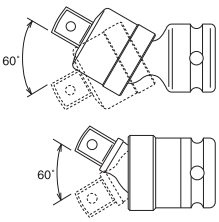
16771

Universal Joint
Gelenk-Einsatz
Cardan universel



	L (mm)	(g)	(pce.)	
16770	106	790	1	*1
16771	95	720	1	*1

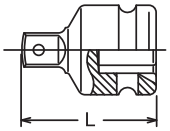
*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239



16644A-P
16655A

Adaptors
Verbindungsstücke
Réducteurs

No Warranty
Keine Garantie
Sans Garantie



	凹 (sq.)	凸 (sq.)	L (mm)	(g)	(pcs.)	
16644A-P	3/4"	1/2"	54	310	5	*1

	凹 (sq.)	凸 (sq.)	L (mm)	(g)	(pcs.)	
16655A	3/4"	5/8"	55.5	336	5	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

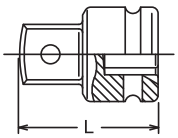
⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

16688A

Adaptor
Verbindungsstück
Augmentateur



	凹 (sq.)	凸 (sq.)	L (mm)	(g)	(pce.)	
16688A	3/4"	1"	62	435	1	*1
16688A-250	3/4"	1"	250	1400	1	*1
16688A-330	3/4"	1"	330	1880	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

16201M-00 / 16201A-00

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

16201M-00	13 Pieces Set/⚖=6,800g
METAL CASE:W320×H110×T70mm	
Sockets	
16400M 6-pt. Sockets 19, 21, 22, 23, 24, 26, 27, 30, 32, 33, 36, 38, 41	

16201A-00	11 Pieces Set/⚖=6,000g
METAL CASE:W320×H110×T70mm	
Sockets	
16400A 6-pt. Sockets 3/4, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.1/4, 1.5/16, 1.3/8, 1.7/16, 1.1/2	

16201M-01 / 16201A-01

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

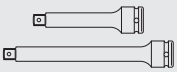
thin

16201M-01	13 Pieces Set/⚖=6,000g
METAL CASE:W320×H110×T70mm	
Sockets	
16401M 6-pt. Sockets, Thin-walled 19, 21, 22, 23, 24, 26, 27, 30, 32, 33, 36, 38, 41	

16201A-01	11 Pieces Set/⚖=5,400g
METAL CASE:W320×H110×T70mm	
Sockets	
16401A 6-pt. Sockets, Thin-walled 3/4, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.1/4, 1.5/16, 1.3/8, 1.7/16, 1.1/2	

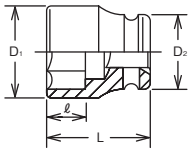
16245M

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

16245M	17 Pieces Set/⚖=12,000g	
METAL CASE:W580×H200×T85mm		
Sockets	Accessories	
16400M 6-pt. Sockets 19, 21, 22, 24, 27, 29, 30, 32, 33, 35, 36, 38, 41, 46, 50		**16760-175** **16760-330**

18400M / 18400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



18400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	32.8	54	12	57	579	2	*1
18	34	54	13	57	586	2	*1
19	35.3	54	13	57	590	2	*1
21	37.8	54	15	57	605	2	*1
22	39	54	15	57	620	2	*1
23	40.3	54	16	57	615	2	*1
24	41.5	54	16	57	627	2	*1
25	42.8	54	16	57	620	2	*1
26	44	54	16	57	640	2	*1
27	45.3	54	16	57	627	2	*1
28	46.5	54	16	57	640	2	*1
29	47.8	54	18	57	657	2	*1
30	49	54	21	62	657	2	*1
31	50.3	54	21	62	687	2	*1
32	51.5	54	21	62	685	2	*1
33	52.8	54	21	62	685	2	*1
34	54	54	21	62	690	2	*1
35	55.3	54	21	62	710	2	*1
36	56.5	54	21	62	712	2	*1
37	57.8	54	21	62	735	2	*1
38	59	54	25	66	720	2	*1
40	61.5	54	25	66	850	2	*1
41	62.8	54	25	66	850	2	*1
42	64	54	25	66	905	2	*1
43	65.3	54	27	68	977	2	*1
44	66.5	54	27	68	970	2	*1
45	67.8	54	27	68	963	2	*1
46	69	54	29	70	1010	2	*1
47	70.3	54	36	70	997	2	*1
48	71.5	54	35	70	990	2	*1
50	74	54	35	70	1065	2	*1
52	76.5	54	40	75	1185	2	*1
54	79	54	40	75	1252	2	*1
55	80.3	54	39	75	1260	2	*1
56	81.5	54	39	75	1277	2	*1
58	84	54	39	75	1340	2	*1
60	86.5	54	39	75	1400	2	*1
62	89	54	38	75	1410	2	*1
63	90.3	54	38	75	1383	2	*1
65	92.8	54	38	75	1630	2	*1
67	95.3	54	38	75	1580	2	*1
68	96.5	54	37	75	1583	1	*1
70	99	54	37	75	1625	1	*1
75	105.3	86	37	80	2675	1	*2
80	111.5	86	41	85	2996	1	*2
85	117.8	86	37	90	3378	1	*2
90	124	86	40	95	3871	1	*2
95	130.3	86	43	100	4500	1	*2
100	136.5	86	47	105	5000	1	*2

*1 C-Ring=1801C, Pin/O-Ring=1801A/B
*2 C-Ring=1802C, Pin/O-Ring=1802A/B
➡P238-239

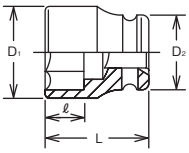
18400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
11/16	32.8	54	12	57	579	2	*1
3/4	35.3	54	13	57	590	2	*1
13/16	37.8	54	15	57	605	2	*1
7/8	39	54	15	57	620	2	*1
15/16	41.5	54	16	57	627	2	*1
1	42.8	54	16	57	620	2	*1
1. 1/16	45.3	54	16	57	627	2	*1
1. 1/8	47.8	54	18	57	657	2	*1
1. 3/16	49	54	21	62	657	2	*1
1. 1/4	51.5	54	21	62	685	2	*1
1. 5/16	54	54	21	62	690	2	*1
1. 3/8	55.3	54	21	62	710	2	*1
1. 7/16	57.8	54	21	62	735	2	*1
1. 1/2	59	54	25	66	720	2	*1
1. 9/16	61.5	54	25	66	850	2	*1
1. 5/8	62.8	54	25	66	850	2	*1
1.11/16	65.3	54	27	68	977	2	*1
1. 3/4	67.8	54	27	68	963	2	*1
1.13/16	69	54	29	70	1010	2	*1
1. 7/8	71.5	54	35	70	990	2	*1
1.15/16	72.8	54	35	70	1000	2	*1
2	75.3	54	35	70	1060	2	*1
2. 1/16	76.5	54	40	75	1185	2	*1
2. 1/8	79	54	40	75	1252	2	*1
2. 3/16	80.3	54	39	75	1260	2	*1
2. 1/4	82.8	54	39	75	1337	2	*1
2. 5/16	84	54	39	75	1340	2	*1
2. 3/8	86.5	54	39	75	1400	2	*1
2. 7/16	89	54	38	75	1410	2	*1
2. 1/2	91.5	54	38	75	1498	2	*1
2. 9/16	92.8	54	38	75	1630	2	*1
2. 5/8	95.3	54	38	75	1580	2	*1
2.11/16	96.5	54	37	75	1583	1	*1
2. 3/4	99	54	37	75	1625	1	*1
2.13/16	101.5	86	37	80	2705	1	*2
2. 7/8	102.8	86	38	80	2629	1	*2
2.15/16	105.3	86	37	80	2675	1	*2
3	106.5	86	37	80	2705	1	*2
3. 1/16	109	86	42	85	2967	1	*2
3. 1/8	111.5	86	41	85	2996	1	*2
3. 1/4	115.3	86	44	90	3328	1	*2
3. 3/8	119	86	36	90	3389	1	*2
3. 1/2	124	86	40	95	3871	1	*2

*1 C-Ring=1801C, Pin/O-Ring=1801A/B
*2 C-Ring=1802C, Pin/O-Ring=1802A/B
➡P238-239

18401M
18401A

6-point Sockets, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince, 6-pans

thin



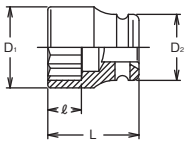
18401M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	29.8	53	12	57	481	2	*1
19	32.3	53	13	57	492	2	*1
21	34.8	53	15	57	512	2	*1
22	36	53	15	57	520	2	*1
24	38.5	53	16	57	520	2	*1
27	42.3	53	16	57	540	2	*1
30	46	53	21	62	572	2	*1
32	48.5	53	21	62	600	2	*1
33	49.8	53	21	62	613	2	*1
35	52.3	53	21	62	630	2	*1
36	53.5	53	21	62	635	2	*1
38	56	53	25	66	705	2	*1
41	59.8	53	25	66	740	2	*1
46	66	53	29	70	900	2	*1
50	71	53	35	70	940	2	*1

18401A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
11/16	29.8	53	12	57	481	2	*1
3/4	32.3	53	13	57	492	2	*1
13/16	34.8	53	15	57	512	2	*1
7/8	36	53	15	57	520	2	*1
15/16	38.5	53	16	57	520	2	*1
1. 1/16	42.3	53	16	57	540	2	*1
1. 3/16	46	53	21	62	572	2	*1
1. 1/4	48.5	53	21	62	600	2	*1
1. 3/8	52.3	53	21	62	630	2	*1
1. 1/2	56	53	25	66	705	2	*1
1. 5/8	59.8	53	25	66	740	2	*1
1.13/16	66	53	29	70	900	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P238-239

18405M / 18405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



18405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
27	45.3	54	16	57	607	2	*1
30	49	54	21	62	657	2	*1
32	51.5	54	21	62	685	2	*1
33	52.8	54	21	62	690	2	*1
35	55.3	54	21	62	690	2	*1
36	56.5	54	21	62	692	2	*1
38	59	54	25	66	700	2	*1
40	61.5	54	25	66	830	2	*1
41	62.8	54	25	66	905	2	*1
46	69	54	29	70	990	2	*1
50	74	54	35	70	1021	2	*1
55	80.3	54	39	75	1234	2	*1
56	81.5	54	39	75	1250	2	*1
60	86.5	54	39	75	1400	2	*1
65	92.8	54	38	75	1600	2	*1

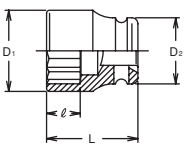
18405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
3/4	35.3	54	13	57	590	2	*1
7/8	39	54	15	57	620	2	*1
1	42.8	54	16	57	620	2	*1
1. 1/8	47.8	54	18	57	660	2	*1
1. 3/16	49	54	21	62	660	2	*1
1. 1/4	51.5	54	21	62	690	2	*1
1. 3/8	55.3	54	21	62	710	2	*1
1. 7/16	57.8	54	21	62	735	2	*1
1. 1/2	59	54	25	66	720	2	*1
1. 3/4	67.8	54	27	68	970	2	*1
1.15/16	72.8	54	35	70	1000	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P238-239

18405M (D)

Sockets for Cardan Shafts
Steckschlüssel für Gelenkwellen
Douilles pour arbres à cardan

No Warranty
Keine Garantie
Sans Garantie



18405M (D) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
50(D68)	68	54	35	70	890	2	*1
55(D76)	76	54	39	75	1130	2	*1
65(D87)	87	54	38	75	1344	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P238-239

Items in this catalogue marked ⚠ can be loaded to torque values which may cause breakage.In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

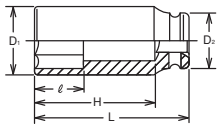
Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

18301X

6-point Semi-Deep Sockets, Thin Walled
6-kant Steckschlüssel mittel lang, dünnwandig
Douilles à paroi mince semi-longues, 6-pans

thin

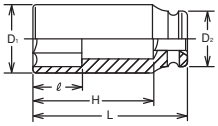


18301X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
17	29.8	53	17	48	80	635	2	*1
19	32.3	53	19	48	80	655	2	*1
21	34.8	53	21	48	80	680	2	*1
22	36	53	22	48	80	686	2	*1
24	38.5	53	24	48	80	693	2	*1
27	42.3	53	27	48	80	745	2	*1
30	46	53	30	48	80	761	2	*1
32	48.5	53	32	53	85	770	2	*1
33	49.8	53	33	53	85	781	2	*1
35	52.3	53	35	53	85	800	2	*1
36	53.5	53	36	52	85	808	2	*1
38	56	53	38	52	85	865	2	*1
41	59.8	53	38	51	85	937	2	*1
46	66	53	38	50	85	1032	2	*1
50	71	53	55	—	85	1220	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

18300M / 18300A

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles 6-pans, longues



18300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
19	35.3	54	19	77	108	1010	2	*1
21	37.8	54	21	77	108	1010	2	*1
22	39	54	22	77	108	1010	2	*1
23	40.3	54	23	77	108	1063	2	*1
24	41.5	54	24	77	108	1060	2	*1
25	42.8	54	25	77	108	1085	2	*1
26	44	54	26	77	108	1133	2	*1
27	45.3	54	27	77	108	1125	2	*1
28	46.5	54	28	77	108	1140	2	*1
29	47.8	54	29	77	108	1120	2	*1
30	49	54	30	77	108	1179	2	*1
31	50.3	54	31	77	108	1125	2	*1
32	51.5	54	32	77	108	1200	2	*1
33	52.8	54	33	77	108	1200	2	*1
34	54	54	34	77	108	1280	2	*1
35	55.3	54	35	77	108	1300	2	*1
36	56.5	54	36	76	108	1280	2	*1
37	57.8	54	37	76	108	1320	2	*1
38	59	54	38	76	108	1423	2	*1
40	61.5	54	38	75	108	1415	2	*1
41	62.8	54	38	75	108	1450	2	*1
42	64	54	38	75	108	1550	2	*1
44	66.5	54	38	74	108	1636	2	*1
45	67.8	54	38	74	108	1660	2	*1
46	69	54	38	74	108	1680	2	*1
48	71.5	54	67	—	108	1500	2	*1
50	74	54	66	—	108	1650	2	*1
52	76.5	54	65	—	108	1770	2	*1
55	80.3	54	63	—	108	1855	2	*1
60	86.5	54	60	—	108	2047	2	*1
65	92.8	54	58	—	108	2310	2	*1
70	99	54	55	—	108	2440	1	*1
75	105.3	86	52	—	108	3646	1	*2
80	111.5	86	49	—	108	4039	1	*2
85	117.8	86	59	—	108	4000	1	*2
90	124	86	57	—	108	4200	1	*2
95	130.3	86	55	—	108	4400	1	*2

*1 C-Ring=1801C, Pin/O-Ring=1801A/B
*2 C-Ring=1802C, Pin/O-Ring=1802A/B ➡P238-239

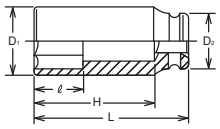
18300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
11/16	32.8	54	17	77	108	978	2	*1
3/4	35.3	54	19	77	108	1010	2	*1
7/8	39	54	22	77	108	1010	2	*1
15/16	41.5	54	24	77	108	1060	2	*1
1	42.8	54	25	77	108	1085	2	*1
1. 1/16	45.3	54	27	77	108	1125	2	*1
1. 1/8	47.8	54	29	77	108	1120	2	*1
1. 3/16	49	54	30	77	108	1179	2	*1
1. 1/4	51.5	54	32	77	108	1200	2	*1
1. 5/16	54	54	34	77	108	1280	2	*1
1. 3/8	55.3	54	35	77	108	1300	2	*1
1. 7/16	57.8	54	37	76	108	1320	2	*1
1. 1/2	59	54	38	76	108	1423	2	*1
1. 9/16	61.5	54	38	75	108	1415	2	*1
1. 5/8	62.8	54	38	75	108	1450	2	*1
1.11/16	65.3	54	38	74	108	1577	2	*1
1. 3/4	67.8	54	38	74	108	1660	2	*1
1.13/16	69	54	38	74	108	1680	2	*1
1. 7/8	71.5	54	67	—	108	1500	2	*1
1.15/16	72.8	54	67	—	108	1570	2	*1
2	75.3	54	66	—	108	1605	2	*1
2. 1/16	76.5	54	65	—	108	1770	2	*1
2. 1/8	79	54	64	—	108	1812	2	*1
2. 3/16	80.3	54	63	—	108	1855	2	*1
2. 1/4	82.8	54	62	—	108	1916	2	*1
2. 5/16	84	54	61	—	108	1987	2	*1
2. 3/8	86.5	54	60	—	108	2047	2	*1
2. 7/16	89	54	59	—	108	2041	2	*1
2. 1/2	91.5	54	58	—	108	2250	2	*1
2. 9/16	92.8	54	58	—	108	2310	2	*1
2. 5/8	95.3	54	56	—	108	2370	1	*1
2. 3/4	99	54	55	—	108	2440	1	*1
2. 7/8	102.8	86	53	—	108	3600	1	*2
2.15/16	105.3	86	52	—	108	3646	1	*2
3	106.5	86	51	—	108	3677	1	*2
3. 1/16	109	86	50	—	108	3939	1	*2
3. 1/8	111.5	86	49	—	108	4039	1	*2
3. 3/16	112.8	86	48	—	108	4170	1	*2

*1 C-Ring=1801C, Pin/O-Ring=1801A/B
*2 C-Ring=1802C, Pin/O-Ring=1802A/B ➡P238-239

18301M
18301A

6-point Deep Sockets, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince longues, 6-pans

thin



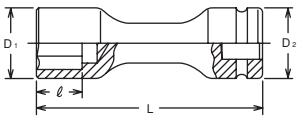
18301M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
17	29.8	53	17	77	108	692	2	*1
18	31	53	18	77	108	710	2	*1
19	32.3	53	19	77	108	725	2	*1
20	33.5	53	20	77	108	740	2	*1
21	34.8	53	21	77	108	750	2	*1
22	36	53	22	77	108	770	2	*1
23	37.3	53	23	77	108	780	2	*1
24	38.5	53	24	77	108	800	2	*1
26	41	53	26	77	108	830	2	*1
27	42.3	53	27	77	108	860	2	*1
29	44.8	53	29	77	108	880	2	*1
30	46	53	30	77	108	910	2	*1
32	48.5	53	32	77	108	970	2	*1
33	49.8	53	33	77	108	980	2	*1
34	51	53	34	77	108	980	2	*1
35	52.3	53	35	77	108	986	2	*1
36	53.5	53	36	76	108	992	2	*1
38	56	53	38	76	108	1025	2	*1
39	57.3	53	38	76	108	1130	2	*1
41	59.8	53	38	75	108	1213	2	*1
43	62.3	53	38	74	108	1400	2	*1
46	66	53	38	74	108	1400	2	*1
50	71	65	38	—	108	1520	2	*1

18301A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
11/16	29.8	53	17	77	108	692	2	*1
3/4	32.3	53	19	77	108	725	2	*1
13/16	34.8	53	21	77	108	750	2	*1
7/8	36	53	22	77	108	770	2	*1
15/16	38.5	53	24	77	108	800	2	*1
1. 1/16	42.3	53	27	77	108	860	2	*1
1. 3/16	46	53	30	77	108	910	2	*1
1. 1/4	48.5	53	32	77	108	970	2	*1
1. 3/8	52.3	53	35	77	108	986	2	*1
1. 1/2	56	53	38	76	108	1025	2	*1
1. 5/8	59.8	53	38	75	108	1213	2	*1
1.13/16	66	53	38	74	108	1400	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P238-239

18104M

Special Sockets for Spring Clamps
Steckschlüssel für Federbrieden
Douilles pour brides de ressorts

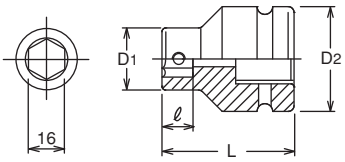


18104M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
24	41.5	54	24	170	1327	1	*1
27	45.3	54	27	170	1375	1	*1
28	46.5	54	28	170	1390	1	*1
30	49	54	30	170	1407	1	*1
32	51.5	54	32	170	1537	1	*1
33	52.8	54	33	170	1590	1	*1
34	54	54	34	170	1670	1	*1
36	56.5	54	36	170	1800	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P238-239

18106

Bit Holder
Klingenhalter
Porte embouts



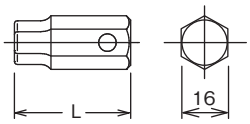
	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
18106	32	54	16	68	640	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

Replacement Screw : M6×10, ⬢ 3mm
Ersatzschraube : M6×10, ⬢ 3mm
Vis de remplacement : M6×10, ⬢ 3mm

107-16

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux

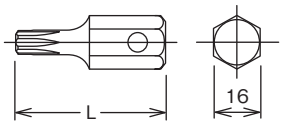


107-16 (mm)	L (mm)	(g)	(pcs.)
10	40	46	10
12	40	52	10
13	40	56	10
14	40	60	10
16	40	69	10
17	40	73	10
18	40	78	10
19	40	80	10
22	40	97	10

107-16 (inch)	L (mm)	(g)	(pcs.)
1/2	40	56	10
9/16	40	60	10
5/8	40	69	10
3/4	40	80	10

107-16 (T)

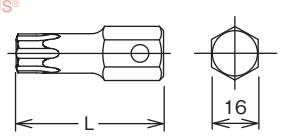
TORX® Bits
TORX® Klingen
Embouts, TORX®



107-16 (T)	L (mm)	(g)	(pcs.)
T55	50	57	10
T60	50	64	10
T70	50	73	10

107-16 (IP)

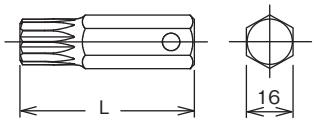
TORXPLUS® Bits
TORXPLUS® Klingen
Embouts TORXPLUS®



	107-16 (IP)	L (mm)	(g)	(pcs.)
New	**55IP**	50	57	10
New	**60IP**	50	64	10
New	**70IP**	50	73	10

107-16 (XZN)

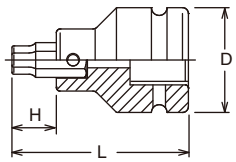
Bits XZN
Klingen XZN
Embouts de vissage, XZN



107-16 (XZN)	L (mm)	(g)	(pcs.)
M14	60	83	10
M16	60	93	10
M18	60	103	10

18106-16

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embouts avec bit



18106-16 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	54	24	92	686	2	*1
12	54	24	92	692	2	*1
13	54	24	92	696	2	*1
14	54	24	92	700	2	*1
16	54	24	92	709	2	*1
17	54	24	92	713	2	*1
18	54	24	92	718	2	*1
19	54	24	92	764	2	*1
22	54	24	92	781	2	*1

18106-16 (inch)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
1/2	54	24	92	696	2	*1
9/16	54	24	92	700	2	*1
5/8	54	24	92	709	2	*1
3/4	54	24	92	764	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

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TORX® ist ein registriertes Markenzeichen der Firma **Acument Intellectual Properties, LLC.**
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

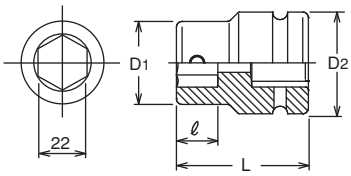
18107

Bit Holder
Klingenhalter
Porte embouts

	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
18107	44	54	22	70	770	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

Replacement Screw : M8×14, ⬢ 4mm
Ersatzschraube : M8×14, ⬢ 4mm
Vis de remplacement : M8×14, ⬢ 4mm

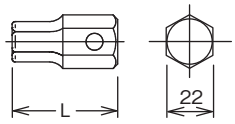


107-22

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux

107-22 (mm)	L (mm)	(g)	(pcs.)
17	50	120	10
19	50	140	10
22	50	162	10
24	50	176	10
27	50	200	10
30	50	227	10
32	55	243	10

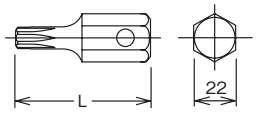
107-22 (inch)	L (mm)	(g)	(pcs.)
5/8	50	120	10
3/4	50	140	10
7/8	50	162	10
1	50	190	10
1. 1/4	55	243	10



107-22 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®

107-22 (T)	L (mm)	(g)	(pcs.)
T 80	60	141	10
T 90	60	155	10
T100	60	170	10

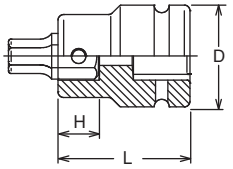


18107-22

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embouts avec bit

18107-22 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)	
19	54	28	98	910	2	*1
22	54	28	98	932	2	*1
24	54	28	98	946	2	*1
27	54	28	98	986	2	*1
30	54	28	98	1008	2	*1
32	54	28	103	1029	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239



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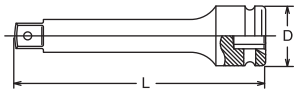
18760-175/-200/-250/-330

Extension Bars
Verlängerungen
Rallonges

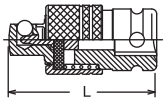


18760	D (mm)	L (mm)	(g)	(pce.)	
175	54	175	1400	1	*1
200	54	200	1580	1	*1
250	54	250	1885	1	*1
330	54	330	2380	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

18888AL

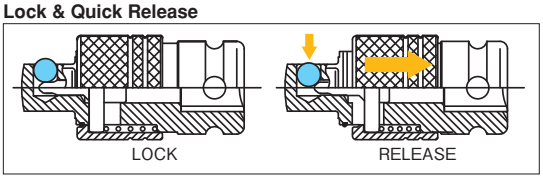
Adaptor (Quick Release)
Verbindungsstück (Quick Release)
Adaptateur (Quick Release)



	L (mm)	(g)	(pcs.)	
18888AL	95	980	2	*1

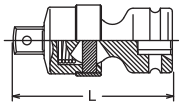
*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

Lock & Quick Release



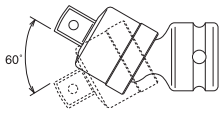
18770

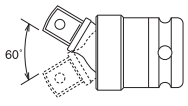
Universal Joint
Gelenk-Einsatz
Cardan universel



	L (mm)	(g)	(pce.)	
18770	127	1210	1	*1
18771	115	1210	1	*1

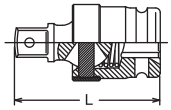
*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239





18771

Universal Joint
Gelenk-Einsatz
Cardan universel



18866A
18866A-200

Adaptors
Verbindungsstücke
Réducteurs

No Warranty
Keine Garantie
Sans Garantie

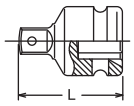
	凹 (sq.)	凸 (sq.)	L (mm)	(g)	(pce.)	
18866A	1"	3/4"	66.5	580	1	*1
18866A-200	1"	3/4"	200	1100	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P238-239

⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

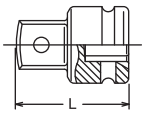


18877A

Adaptor
Verbindungsstück
Augmentateur

	凹 (sq.)	凸 (sq.)	L (mm)	(g)	(pce.)	
18877A	1"	1.1/2"	80	935	1	*1

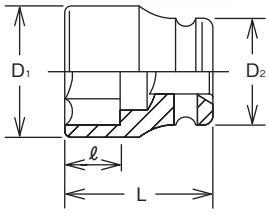
*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P238-239



1-1/2”

17400M / 17400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



17400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
36	62	86	20	77	2126	1	*1
41	68	86	22	80	2346	1	*1
42	70	86	22	80	2330	1	*1
46	74	86	26	84	2360	1	*1
50	79	86	27	84	2400	1	*1
52	82	86	38	84	2340	1	*1
54	84	86	38	84	2340	1	*1
55	85	86	44	90	2450	1	*1
58	88	86	44	90	2510	1	*1
60	91	86	43	90	2640	1	*1
65	97	86	48	95	3050	1	*1
70	103	86	52	100	3350	1	*1
75	108	86	56	105	3700	1	*1
80	115	86	60	110	4240	1	*1
85	122	86	60	110	4550	1	*1
90	128	86	60	112	4840	1	*1
95	135	127	52	112	7660	1	*2
100	140	127	53	115	7700	1	*2
105	146	127	57	120	8000	1	*2
110	153	127	60	124	9200	1	*2
115	160	127	62	128	10700	1	*2
120	166	127	64	132	11200	1	*2
125	173	127	67	136	13000	1	*2
130	180	127	69	140	14200	1	*2
135	186	127	73	145	14940	1	*2
140	190	127	76	150	15600	1	*2
150	200	127	83	160	16500	1	*2

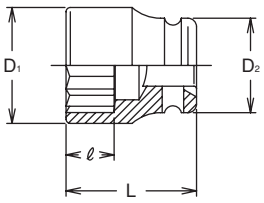
17400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
1. 5/8	68	86	22	80	2346	1	*1
1.11/16	71	86	22	80	2300	1	*1
1. 3/4	73	86	22	80	2290	1	*1
1.13/16	74	86	26	84	2360	1	*1
1. 7/8	77	86	26	84	2440	1	*1
1.15/16	79	86	27	84	2400	1	*1
2	80	86	27	84	2420	1	*1
2. 1/16	82	86	38	84	2340	1	*1
2. 1/8	84	86	38	84	2340	1	*1
2. 3/16	85	86	44	90	2450	1	*1
2. 1/4	87	86	43	90	2460	1	*1
2. 5/16	88	86	44	90	2510	1	*1
2. 3/8	91	86	43	90	2640	1	*1
2. 7/16	93	86	47	95	2860	1	*1
2. 1/2	96	86	47	95	3000	1	*1
2. 9/16	97	86	48	95	3050	1	*1
2. 5/8	100	86	51	100	3300	1	*1
2.11/16	101	86	51	100	3300	1	*1
2. 3/4	103	86	52	100	3350	1	*1
2.13/16	105	86	55	105	3670	1	*1
2. 7/8	106	86	55	105	3610	1	*1
2.15/16	108	86	56	105	3700	1	*1
3	108	86	55	105	3680	1	*1
3. 1/8	115	86	60	110	4240	1	*1
3. 1/4	118	86	59	110	4370	1	*1
3. 3/8	123	86	60	110	4570	1	*1
3. 1/2	128	86	60	112	4840	1	*1
3. 5/8	132	86	52	112	5500	1	*1
3. 3/4	135	127	52	112	7660	1	*2
3. 7/8	140	127	53	115	7700	1	*2
4	146	127	57	120	8000	1	*2
4. 1/8	146	127	57	120	8000	1	*2
4. 1/4	153	127	60	124	9200	1	*2
4. 1/2	160	127	62	128	10700	1	*2
4. 5/8	166	127	64	132	11200	1	*2
4. 3/4	168	127	64	132	11200	1	*2
4. 7/8	173	127	67	136	13000	1	*2
5	180	127	69	140	14200	1	*2
5. 1/4	186	127	73	145	14940	1	*2
6	205	127	88	165	16500	1	*2
6. 1/2	205	127	94	175	17500	1	*2

*1 C-Ring=1700C, Pin/O-Ring=1701A/B
*2 Pin/O-Ring=1702A/B

➡P238-239

17405M / 17405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



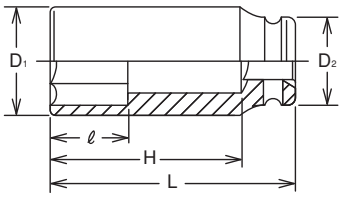
17405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
46	74	86	26	84	2360	1	*1
50	79	86	27	84	2400	1	*1
55	85	86	44	90	2450	1	*1
60	91	86	43	90	2640	1	*1
65	97	86	48	95	3050	1	*1
70	103	86	52	100	3350	1	*1
75	108	86	56	105	3700	1	*1
80	115	86	60	110	4240	1	*1
85	122	86	60	110	4550	1	*1
90	128	86	60	112	4840	1	*1

17405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
1.11/16	71	86	22	80	2300	1	*1
1. 3/4	73	86	22	80	2290	1	*1
1. 7/8	77	86	26	84	2440	1	*1
1.15/16	79	86	27	84	2400	1	*1
2	80	86	27	84	2420	1	*1
2. 1/16	82	86	38	84	2340	1	*1
2. 1/8	84	86	38	84	2340	1	*1
2. 3/16	85	86	44	90	2450	1	*1
2. 1/4	87	86	43	90	2460	1	*1
2. 3/8	91	86	43	90	2640	1	*1
2. 7/16	93	86	47	95	2860	1	*1
2. 1/2	96	86	47	95	3000	1	*1
2. 9/16	97	86	48	95	3050	1	*1
2. 5/8	100	86	51	100	3300	1	*1

*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➔P238-239

17300M / 17300A

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



17300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)	
41	68	86	27	70.5	115	3080	1	*1
42	70	86	27	70.5	115	3140	1	*1
46	74	86	28	80.5	125	3440	1	*1
50	79	86	30	90.5	135	3840	1	*1
54	84	86	30	90.5	135	4160	1	*1
55	85	86	33	90.5	135	4130	1	*1
60	91	86	35	90.5	135	4370	1	*1
65	97	86	38	99.5	145	5260	1	*1
70	103	86	40	98.5	145	5780	1	*1
75	108	86	42	107.5	155	6580	1	*1
80	115	86	46	115.5	165	7740	1	*1
85	122	86	49	114.5	165	7420	1	*1
90	128	86	52	122.5	175	9630	1	*1
95	135	127	55	121.5	175	10450	1	*2
100	140	127	58	130.5	185	9741	1	*2
105	146	127	62	138.5	195	10850	1	*2
110	153	127	65	137.5	195	11500	1	*2
115	160	127	68	135.5	195	12160	1	*2
120	166	127	72	144.5	205	13680	1	*2
125	173	127	74	142.5	205	14450	1	*2
130	180	127	76	142.5	205	15190	1	*2

*1 C-Ring=1700C, Pin/O-Ring=1701A/B
*2 Pin/O-Ring=1702A/B ➔P238-239

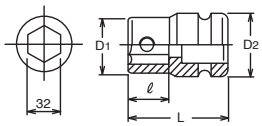
17300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)	
1. 5/8	68	86	27	70.5	115	3080	1	*1
1.11/16	71	86	27	70.5	115	3180	1	*1
1. 3/4	73	86	27	70.5	115	3210	1	*1
1.13/16	74	86	28	80.5	125	3440	1	*1
1. 7/8	77	86	28	80.5	125	3550	1	*1
1.15/16	79	86	28	80.5	125	3590	1	*1
2	80	86	30	90.5	135	3916	1	*1
2. 1/16	82	86	30	90.5	135	4030	1	*1
2. 1/8	84	86	30	90.5	135	4160	1	*1
2. 3/16	85	86	33	90.5	135	4200	1	*1
2. 1/4	87	86	33	90.5	135	4160	1	*1
2. 3/8	91	86	35	90.5	135	4370	1	*1
2. 7/16	93	86	35	90.5	135	4490	1	*1
2. 1/2	96	86	35	90.5	135	4630	1	*1
2. 9/16	97	86	38	99.5	145	5260	1	*1
2. 5/8	100	86	38	99.5	145	5320	1	*1
2.11/16	101	86	38	99.5	145	5670	1	*1
2. 3/4	103	86	40	98.5	145	5780	1	*1
2.13/16	105	86	40	98.5	145	6000	1	*1
2. 7/8	106	86	40	98.5	145	6080	1	*1
2.15/16	108	86	42	107.5	155	6580	1	*1
3	108	86	42	107.5	155	6850	1	*1
3. 1/8	115	86	46	115.5	165	7740	1	*1
3. 3/4	135	127	55	121.5	175	12200	1	*2
3. 7/8	140	127	56	120.5	175	11080	1	*2

*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➔P238-239
*2 Pin/O-Ring=1702A/B

1-1/2”

17108

Bit Holder
Klingenhalter
Porte-embouts



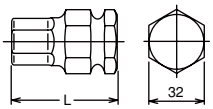
	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
17108	60	86	30	85	2200	1	*1

*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➔P238-239

Replacement Screw : M8×14, ⬢ 4mm
Ersatzschraube : M8×14, ⬢ 4mm
Vis de remplacement : M8×14, ⬢ 4mm

107-32

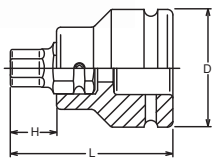
Bit for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans mâle creux



107-32 (mm)	L (mm)	(g)	(pcs.)
19	60	300	10
22	60	320	10
24	60	330	10
27	60	360	10
30	60	390	10
32	60	410	10
36	60	460	10

17108-32

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embouts avec bit



17108-32 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pce.)	
19	86	30	115	2500	1	*1
22	86	30	115	2520	1	*1
24	86	30	115	2530	1	*1
27	86	30	115	2560	1	*1
30	86	30	115	2590	1	*1
32	86	30	115	2610	1	*1
36	86	30	115	2660	1	*1

*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➔P238-239

17760-175/-250/-330

Extension Bars
Verlängerungen
Rallonges

17760	D (mm)	L (mm)	(g)	(pce.)	
175	86	175	3300	1	*1
250	86	250	4500	1	*1
330	86	330	5200	1	*1

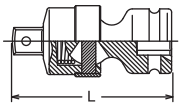
*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➔P238-239

17770

Universal Joint
Gelenk-Einsatz
Cardan universel

	L (mm)	(g)	(pce.)	
17770	200	4700	1	*1

*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➔P238-239



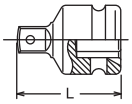
17788A ⚠

Adaptor
Verbindungsstück
Réducteur

No Warranty
Keine Garantie
Sans Garantie

	凹 (sq.)	凸 (sq.)	L (mm)	(g)	(pce.)	
17788A	1.1/2"	1"	98	2600	1	*1

*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➔P238-239



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Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

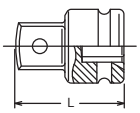
Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

17799A

Adaptor
Verbindungsstück
Augmentateur

	凹 (sq.)	凸 (sq.)	L (mm)	(g)	(pce.)	
17799A	1.1/2"	2.1/2"	115	3790	1	*1

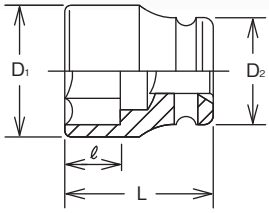
*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➔P238-239



2-1/2”

19400M / 19400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



19400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
50	88	127	39	115	7270	1	*1
55	94	127	42	115	7350	1	*1
60	100	127	45	125	7870	1	*1
65	105	127	48	125	7790	1	*1
70	110	127	51	125	7640	1	*1
75	118	127	54	125	7740	1	*1
80	124	127	57	125	7640	1	*1
85	127	127	61	132	7840	1	*1
90	135	127	64	132	8500	1	*1
95	140	127	71	140	10160	1	*1
100	146	127	71	142	11500	1	*1
105	155	127	74	146	11350	1	*1
110	160	127	76	155	12710	1	*1
115	167	127	78	158	13980	1	*1
120	175	175	79	160	15430	1	*2
125	180	175	82	165	16590	1	*2
130	185	175	85	169	17590	1	*2
135	190	175	89	175	19030	1	*2
140	200	175	93	180	21810	1	*2
145	205	175	95	183	24440	1	*2
150	210	175	97	192	25720	1	*2
160	225	175	102	200	30920	1	*2
165	230	175	105	204	32610	1	*2
170	235	175	106	207	34390	1	*2
175	240	175	109	211	36210	1	*2
180	250	175	110	214	40630	1	*2
185	255	175	113	218	42690	1	*2
190	265	175	113	220	47440	1	*2
200	275	175	116	225	51550	1	*2
210	285	175	123	235	57170	1	*2
215	290	175	126	240	60260	1	*2
225	305	175	133	250	70180	1	*2
235	315	175	140	260	77060	1	*2

19400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
2. 3/8	100	127	45	125	7870	1	*1
2. 7/16	102	127	46	125	7840	1	*1
2. 1/2	103	127	47	125	7810	1	*1
2. 9/16	105	127	48	125	7790	1	*1
2. 5/8	107	127	49	125	7790	1	*1
2.11/16	108	127	50	125	7790	1	*1
2. 3/4	110	127	51	125	7640	1	*1
2.13/16	113	127	52	125	7690	1	*1
2. 7/8	115	127	53	125	7730	1	*1
2.15/16	118	127	54	125	7740	1	*1
3	120	127	55	125	7740	1	*1
3. 1/8	124	127	57	125	7640	1	*1
3. 1/4	125	127	59	125	7740	1	*1
3. 3/8	127	127	61	132	7840	1	*1
3. 1/2	135	127	64	132	8500	1	*1
3. 5/8	138	127	64	132	9330	1	*1
3. 3/4	140	127	71	140	10160	1	*1
3. 7/8	143	127	70	140	10830	1	*1
4	146	127	71	142	11500	1	*1
4. 1/8	155	127	70	142	11250	1	*1
4. 1/4	160	127	76	155	12710	1	*1
4. 1/2	167	127	78	158	13980	1	*1
4. 5/8	175	175	79	160	15430	1	*2
4. 7/8	180	175	82	165	16590	1	*2
5	183	175	81	165	17090	1	*2
5. 1/4	190	175	89	175	19030	1	*2
5. 3/8	198	175	94	180	20880	1	*2
5. 1/2	200	175	93	180	21810	1	*2
5. 5/8	203	175	94	182	22480	1	*2
5. 3/4	207	175	103	192	24440	1	*2
6	217	175	100	196	28510	1	*2
6. 1/8	218	175	99	196	29720	1	*2
6. 5/8	233	175	105	205	33500	1	*2
7	248	175	110	213	39160	1	*2

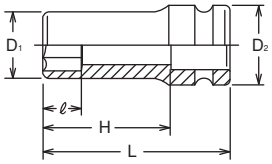
*1 Pin/O-Ring=1901A/B
*2 Pin/O-Ring=1902A/B
➡P239

19300M

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans

19300M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)	
75	118	127	42	129	190	11930	1	*1
80	124	127	46	129	190	12280	1	*1
85	127	127	49	134	195	12480	1	*1
90	135	127	52	144	205	14000	1	*1
95	140	127	55	149	210	14630	1	*1
100	146	127	58	154	215	15520	1	*1
105	155	127	62	146.5	220	18250	1	*1
110	160	127	65	150.5	225	18740	1	*1
115	167	127	68	153.5	230	20940	1	*1
120	175	175	72	157.5	235	23530	1	*2
125	180	175	74	158.5	238	26110	1	*2
130	185	175	76	163.5	243	25320	1	*2
135	190	175	80	165.5	248	26290	1	*2
140	200	175	82	164.5	248	28940	1	*2
145	205	175	84	163.5	248	29520	1	*2
150	210	175	88	168.5	255	30600	1	*2
155	215	175	92	167.5	255	31680	1	*2
160	225	175	95	170.5	260	35560	1	*2
165	230	175	98	169.5	260	36040	1	*2
170	235	175	100	172.5	265	37230	1	*2
175	240	175	102	176.5	270	39420	1	*2

*1 Pin/O-Ring=1901A/B
*2 Pin/O-Ring=1902A/B
➔P239

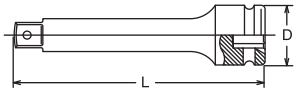


19760-250/-500

Extension Bars
Verlängerungen
Rallonges

19760	D (mm)	L (mm)	(g)	(pce.)	
250	127	250	17800	1	*1
500	127	500	27800	1	*1

*1 Pin/O-Ring=1901A/B
➔P239

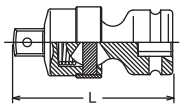


19770

Universal Joint
Gelenk-Einsatz
Cardan universel

	L (mm)	(g)	(pce.)	
19770	303	21360	1	*1

*1 Pin/O-Ring=1901A/B
➔P239



19977A

Adaptor
Verbindungsstück
Réducteur

No Warranty
Keine Garantie
Sans Garantie

	凹 (sq.)	凸 (sq.)	L (mm)	(g)	(pce.)	
19977A	2.1/2"	1.1/2"	145	7210	1	*1

*1 Pin/O-Ring=1901A/B
➔P239

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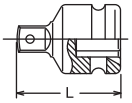
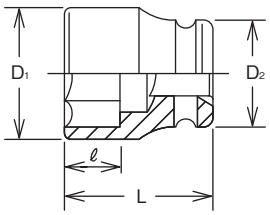


3-1/2”

10400M / 10400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



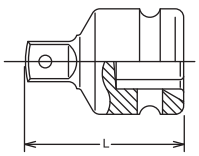
10400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
105	165	175	86	176	19370	1	*1
110	170	175	88	179	20160	1	*1
115	175	175	90	183	21160	1	*1
120	180	175	91	185	21930	1	*1
125	188	175	94	190	23940	1	*1
130	193	175	97	194	25050	1	*1
135	200	175	101	199	26930	1	*1
140	205	175	105	205	28560	1	*1
145	210	200	106	207	29600	1	*2
150	215	200	109	212	31240	1	*2
160	228	200	114	220	35500	1	*2
165	235	200	117	224	37940	1	*2
170	240	200	118	227	39660	1	*2
175	245	200	121	231	41400	1	*2
180	255	200	122	234	45740	1	*2
185	265	200	125	238	50350	1	*2
190	275	200	125	239	54650	1	*2
200	285	200	128	245	59190	1	*2
210	295	200	135	255	64970	1	*2
215	300	200	138	260	68150	1	*2

10400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
4.1/8	165	175	86	176	19370	1	*1
4.1/4	168	175	87	178	19770	1	*1
4.3/8	172	175	88	180	20660	1	*1
4.1/2	175	175	89	182	21160	1	*1
4.5/8	178	175	90	183	21550	1	*1
4.3/4	180	175	91	185	21930	1	*1
4.7/8	188	175	94	190	23940	1	*1
5	188	175	95	191	24500	1	*1
5.1/8	193	175	97	194	25050	1	*1
5.1/4	197	175	100	198	25990	1	*1
5.3/8	201	175	102	202	27750	1	*1
5.1/2	205	175	105	205	28560	1	*1
5.5/8	208	200	106	208	30110	1	*2
5.3/4	212	200	108	210	30610	1	*2
5.7/8	215	200	109	212	31240	1	*2
6	219	200	110	214	32460	1	*2
6.1/8	223	200	112	216	33670	1	*2
6.1/4	227	200	114	218	34590	1	*2
6.3/8	231	200	115	221	36720	1	*2
6.1/2	235	200	117	224	37940	1	*2
6.5/8	238	200	118	226	38800	1	*2
6.3/4	241	200	119	228	39870	1	*2
6.7/8	245	200	120	230	40640	1	*2
7	251	200	121	232	43570	1	*2
7.1/8	257	200	122	234	46450	1	*2
7.1/4	263	200	123	236	48400	1	*2
7.3/8	269	200	124	238	52500	1	*2
7.1/2	275	200	125	240	55350	1	*2
7.5/8	278	200	127	242	56050	1	*2
7.3/4	282	200	129	245	57620	1	*2
7.7/8	285	200	130	248	60870	1	*2
8	290	200	132	250	62550	1	*2
8.1/8	293	200	133	251	63760	1	*2
8.1/4	295	200	135	255	64970	1	*2
8.3/8	298	200	136	258	65580	1	*2
8.1/2	300	200	138	260	68150	1	*2
8.5/8	305	200	139	262	70760	1	*2
8.3/4	310	200	140	264	73830	1	*2
8.7/8	313	200	142	267	75780	1	*2

*1 Pin/O-Ring=2001A/B
*2 Pin/O-Ring=2002A/B
➡P239

10099A

Adaptor
Verbindungsstück
Réducteur ⚠



	(sq.)	(sq.)	L (mm)	(g)	(pce.)	
10099A	3.1/2"	2.1/2"	182	16870	1	*1

*1 Pin/O-Ring=2001A/B ➡P239

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3/8”

1/2”

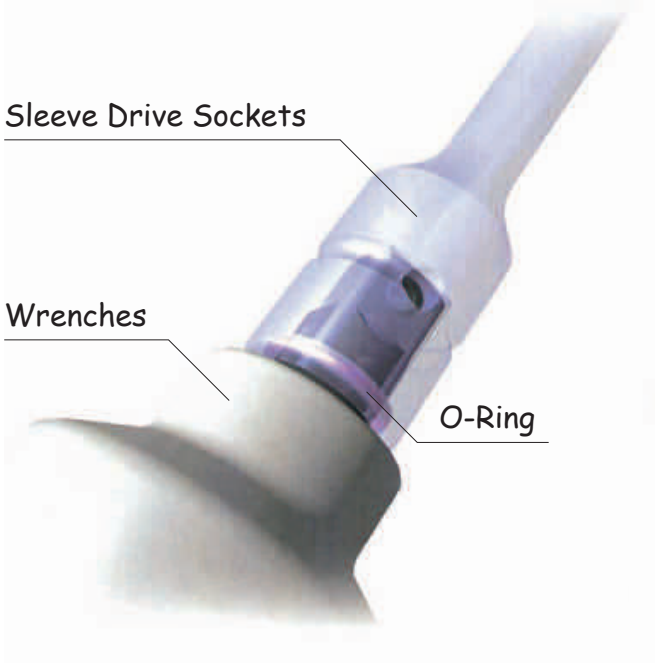
3/4”

SLEEVE-DRIVE SOCKETS
SLEEVE-DRIVE STECKSCHLÜSSEL
DOUILLES, SLEEVE DRIVE

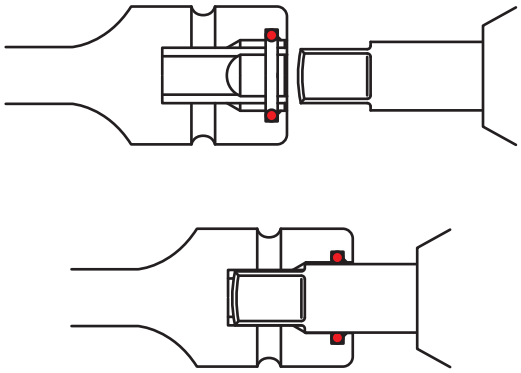
The deepened drive end of the **Sleeve-Drive** tools prevents the sometimes "wobbly" connection between pulse tool - extension - socket. An O-ring inside **Sleeve-Drive** optimizes the perfect fit of extension bars and sockets on the anvil to the effect, that the exactness of the required torque given by the pulse tool is generally improved. Further, the **Sleeve-Drive** avoids the direct transmission of vibrations on the pulse tool and finally on the operator.

Der **Sleeve-Drive** Vierkant-Antrieb vermeidet durch die vertiefte Passung den "Wackelkontakt" zwischen Maschine - Verlängerung - Steckschlüssel. Ein im **Antriebsende der Sleeve-Drive-Steckschlüssel** eingesetzter Ring optimiert den festen Sitz der Verlängerungen und Steckschlüssel auf der Schrauberspindel und sorgt somit für die unmittelbare Weitergabe des vorgegebenen Drehmomentes ohne wesentliche Drehkraftverluste. Nicht zuletzt vermeidet der **Sleeve-Drive** Antrieb die Übertragung von Schwingungen auf Mensch und Maschine.

Ces nouveaux outils **Sleeve-Drive** se caractérisent par un entraînement carré allongé et un joint torique incorporé. Le guidage rigide ainsi obtenu maintient les outils **Sleeve-Drive** dans l'axe de la broche de la machine et garantit une connection optimale machine-rallonges-douilles. Le jeu latéral et les vibrations engendrés par les outils traditionnels sont de ce fait supprimés. Il en résulte une transmission plus précise du coupe de serrage et un plus grand confort de travail pour l'opérateur.



SLEEVE DRIVE SOCKET **PULSE TOOL**

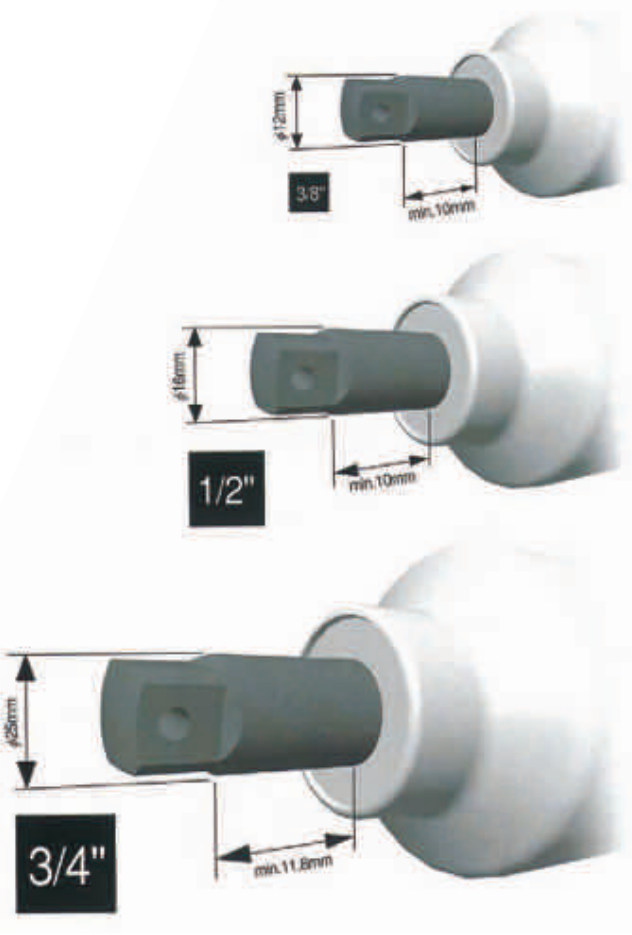


The ***"Sleeve Drive"*** Sockets and accessories are designed for use on Pulse Tools with anvils of certain lengths and diameters as shown hereunder.

Die serienmässigen ***"Sleeve Drive"*** Steckschlüssel können nur auf Impuls Schraubern mit Antriebswellen der nachstehenden Längen und Durchmesser gesteckt werden.

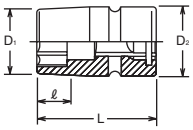
Les douilles ***"Sleeve Drive"*** ne peuvent être placeés que sur des axes des boulonneuses à impulsions d'une longueur et d'un diamètre selon la spécification ci-dessous.

	Anvil Diameter (mm)	Minimum Anvil Length (mm)
3/8"sq.	12	10
1/2"sq.	16	10
3/4"sq.	25	11.8



NV13400

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

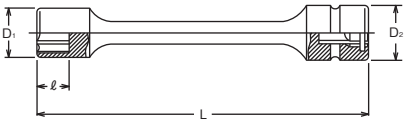


NV13400 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	15.8	19	7	43	53	10	*1
11	17	19	8	43	54	10	*1
12	18.3	19	9	43	55	10	*1
13	19.5	22	10	43	80	10	*2
14	20.8	22	10	43	80	10	*2
15	22	22	11	43	81	10	*2
16	23.3	22	11	43	83	10	*2
17	24.5	22	11	43	85	10	*2
18	25.8	22	11	43	89	10	*2
19	27	22	11	43	98	10	*2
21	29.5	22	11	43	105	10	*2
22	30.8	22	11	43	112	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P238-239

NV13145-100/-150/-200

Extended Sockets
Schaftsteckschlüssel
Douilles rallongées



NV13145-100 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	13	19	6	100	108	10	*1
8	13	19	8	100	110	10	*1
10	15.5	19	10	100	112	10	*1
12	18	19	12	100	120	10	*1
13	19	19	13	100	127	10	*1
14	21	19	14	100	131	10	*1
15	22	19	15	100	133	10	*1
16	24	19	15	100	144	10	*1
17	25	19	15	100	154	10	*1

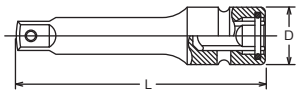
NV13145-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	13	19	6	150	160	10	*1
8	13	19	8	150	160	10	*1
10	15.5	19	10	150	165	10	*1
12	18	19	12	150	168	10	*1
13	19	19	13	150	170	10	*1
14	21	19	14	150	175	10	*1
15	22	19	15	150	177	10	*1
16	24	19	15	150	190	10	*1
17	25	19	15	150	203	10	*1

NV13145-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	13	19	6	200	210	10	*1
8	13	19	8	200	210	10	*1
10	15.5	19	10	200	212	10	*1
12	18	19	12	200	214	10	*1
13	19	19	13	200	218	10	*1
14	21	19	14	200	220	10	*1
15	22	19	15	200	226	10	*1
16	24	19	15	200	235	10	*1
17	25	19	15	200	250	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
➡P238-239

NV13760-75P/-125P/-150P/-250P

Extension Bars
Verlängerungen
Rallonges



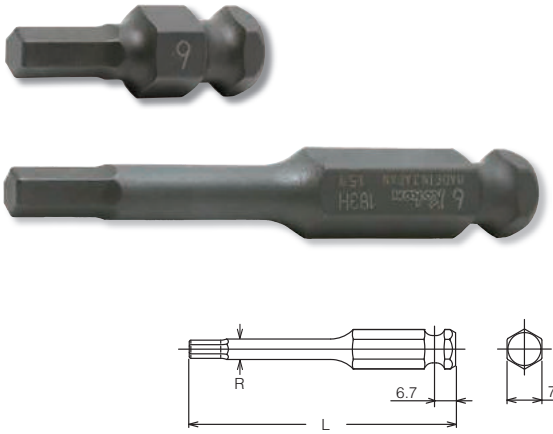
NV13760	D (mm)	L (mm)	(g)	(pcs.)	
75P	19	75	95	10	*1
125P	19	125	125	10	*1
New **150P**	19	150	150	10	*1
250P	19	250	255	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
➡P238-239

3/8”,1/2”

183H-35/-75/-150

Hex Bits
Sechskant Bits
Embouts, 6 pans creux



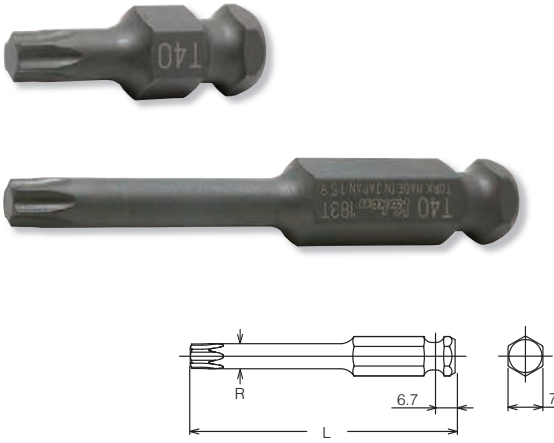
	183H-35 (mm)	L (mm)	(g)	(pcs.)
New	3	35	15	10
New	4	35	15	10
New	5	35	15	10
New	6	35	18	10
New	8	35	20	10
New	10	35	26	10
New	12	35	30	10
New	14	35	35	10

	183H-75 (mm)	L (mm)	R (mm)	(g)	(pcs.)
New	3	75	6.0	48	10
New	4	75	6.0	48	10
New	5	75	6.5	49	10
New	6	75	7.5	51	10
New	8	75	9.5	52	10
New	10	75	–	57	10
New	12	75	–	65	10
New	14	75	–	79	10

	183H-150 (mm)	L (mm)	R (mm)	(g)	(pcs.)
New	4	150	6.0	111	10
New	5	150	6.5	112	10
New	6	150	7.5	114	10
New	8	150	9.5	118	10
New	10	150	–	124	10
New	12	150	–	131	10

183T-35/-75/-150(T)

TORX® Bits
TORX® Bits
Embouts, TORX®



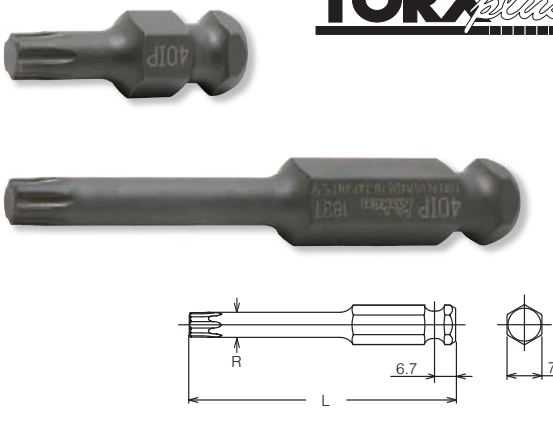
	183T-35 (T)	L (mm)	(g)	(pcs.)
New	T30	35	18	10
New	T40	35	20	10
New	T45	35	22	10
New	T50	35	26	10
New	T55	35	30	10
New	T60	35	38	10

	183T-75 (T)	L (mm)	R (mm)	(g)	(pcs.)
New	T30	75	6.0	48	10
New	T40	75	6.9	49	10
New	T45	75	8.0	51	10
New	T50	75	9.0	52	10
New	T55	75	11.4	57	10
New	T60	75	13.5	67	10

	183T-150 (T)	L (mm)	R (mm)	(g)	(pcs.)
New	T30	150	6.0	113	10
New	T40	150	6.9	114	10
New	T45	150	8.0	116	10
New	T50	150	9.0	118	10
New	T55	150	11.4	124	10

183T-35/-75(IP)

TORXPLUS® Bits
TORXPLUS® Bits
Embouts TORXPLUS®



	183T-35 (IP)	L (mm)	(g)	(pcs.)
New	30IP	35	18	10
New	40IP	35	20	10
New	45IP	35	22	10
New	50IP	35	26	10
New	55IP	35	30	10
New	60IP	35	38	10

	183T-75 (IP)	L (mm)	R (mm)	(g)	(pcs.)
New	30IP	75	6.0	48	10
New	40IP	75	6.8	49	10
New	45IP	75	8.0	51	10
New	50IP	75	9.0	52	10
New	55IP	75	11.4	57	10
New	60IP	75	13.5	67	10

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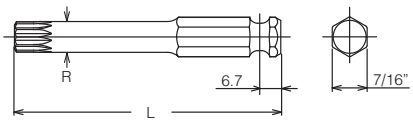
183X-35/-75/-150(XZN)

XZN Bits
XZN Bits
Embouts, XZN

	183X-35 (XZN)	L (mm)	(g)	(pcs.)
New	**M 5**	35	18	10
New	**M 6**	35	20	10
New	**M 8**	35	22	10
New	**M10**	35	26	10
New	**M12**	35	30	10
New	**M14**	35	38	10

	183X-75 (XZN)	L (mm)	R (mm)	(g)	(pcs.)
New	**M 5**	75	6.0	48	10
New	**M 6**	75	6.2	49	10
New	**M 8**	75	7.4	51	10
New	**M10**	75	9.8	52	10
New	**M12**	75	11.7	57	10
New	**M14**	75	13.5	67	10

	183X-150 (XZN)	L (mm)	R (mm)	(g)	(pcs.)
New	**M 5**	150	6.0	112	10
New	**M 6**	150	6.2	113	10
New	**M 8**	150	7.4	115	10
New	**M10**	150	9.8	120	10
New	**M12**	150	11.7	125	10



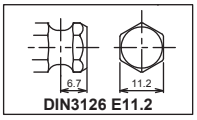
NV13134

Bit Holder for 183 series.
Klingenhalter
Porte-embouts

	NV13134	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
New		22.5	22	15	45	100	5	*1

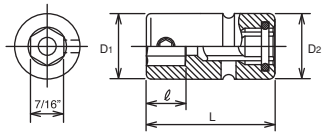
*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P238-239

For DIN3126 E11.2 Bits
Für DIN3126 E11.2 Bits
Pour DIN3126 E11.2 Embouts



F11.2

Replacement Screw : M8×5, ⬢ 4mm
Ersatzschraube : M8×5, ⬢ 4mm
Vis de remplacement : M8×5, ⬢ 4mm



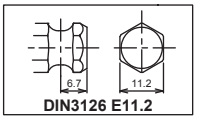
NV14134

Bit Holder for 183 series.
Klingenhalter
Porte-embouts

	NV14134	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
New		22.5	25	15	55	130	5	*1

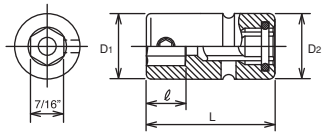
*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P238-239

For DIN3126 E11.2 Bits
Für DIN3126 E11.2 Bits
Pour DIN3126 E11.2 Embouts



F11.2

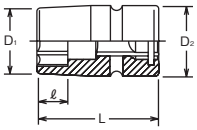
Replacement Screw : M8×5, ⬢ 4mm
Ersatzschraube : M8×5, ⬢ 4mm
Vis de remplacement : M8×5, ⬢ 4mm



1/2”

NV14400

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

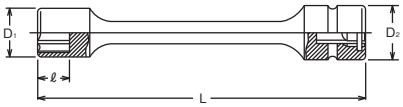


NV14400 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
12	19.5	25	9	54	120	10	*1
13	20.7	25	10	54	120	10	*1
14	22	25	10	54	120	10	*1
15	23.2	30	11	54	188	10	*2
16	24.5	30	11	54	189	10	*2
17	25.7	30	12	54	190	10	*2
18	27	30	12	54	190	10	*2
19	28.2	30	12	54	190	10	*2
21	30.7	30	12	54	191	10	*2
22	32	30	12	54	192	10	*2
23	33.2	30	12	54	196	10	*2
24	34.5	30	12	54	200	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

NV14145-100/-150/-200

Extended Sockets
Schaftsteckschlüssel
Douilles rallongées



NV14145-100 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	15.5	25	10	100	161	10	*1
12	18	25	12	100	178	10	*1
13	19	25	13	100	175	10	*1
14	21	25	14	100	181	10	*1
15	22	25	15	100	185	10	*1
16	24	25	15	100	193	10	*1
17	25	25	15	100	201	10	*1
18	26	25	15	100	211	10	*1
19	28	25	15	100	221	10	*1

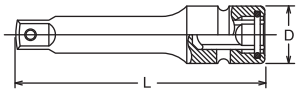
NV14145-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	15.5	25	10	150	200	10	*1
12	18	25	12	150	215	10	*1
13	19	25	13	150	220	10	*1
14	21	25	14	150	225	10	*1
15	22	25	15	150	230	10	*1
16	24	25	15	150	240	10	*1
17	25	25	15	150	250	10	*1
18	26	25	15	150	262	10	*1
19	28	25	15	150	275	10	*1

NV14145-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	15.5	25	10	200	236	10	*1
12	18	25	12	200	250	10	*1
13	19	25	13	200	260	10	*1
14	21	25	14	200	270	10	*1
15	22	25	15	200	275	10	*1
16	24	25	15	200	287	10	*1
17	25	25	15	200	300	10	*1
18	26	25	15	200	310	10	*1
19	28	25	15	200	320	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
➡P238-239

NV14760-75P/-125P/-175P/-250P

Extension Bars
Verlängerungen
Rallonges



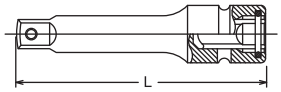
NV14760	D (mm)	L (mm)	(g)	(pcs.)	
75P	25	75	149	10	*1
125P	25	125	230	10	*1
175P	25	175	308	10	*1
250P	25	250	422	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
➡P238-239

NV14433A-75P/-100P/-150P

Adaptors
Verbindungsstücke
Réducteurs

No Warranty
Keine Garantie
Sans Garantie



NV14433A	□ (mm)	□ (mm)	L (mm)	(g)	(pce.)	
75P	1/2"	3/8"	75	120	1	*1
100P	1/2"	3/8"	100	145	1	*1
150P	1/2"	3/8"	150	187	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
➡P238-239

⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

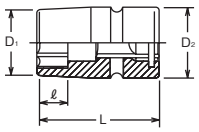
Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

NV16400

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

NV16400 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	30	44	12	65	448	5	*1
18	31.3	44	13	65	470	5	*1
19	32.5	44	13	65	455	5	*1
21	35	44	15	65	472	5	*1
22	36.3	44	16	65	471	5	*1
23	37.5	44	16	65	471	5	*1
24	38.8	44	16	65	467	5	*1
26	41.3	44	16	65	477	5	*1
27	42.5	44	16	65	473	5	*1
28	43.8	44	16	68	483	5	*1
29	45	44	18	68	464	5	*1
30	46.3	44	18	68	492	5	*1
32	48.8	44	19	70	514	5	*1
33	50	44	20	70	564	5	*1
34	51.3	44	20	70	588	5	*1
35	52.5	44	20	70	593	5	*1
36	53.8	44	20	70	598	5	*1
38	56.3	44	20	72	670	2	*1
41	60	44	22	72	687	2	*1
46	66.3	44	23	77	906	2	*1
50	69	44	23	77	1116	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

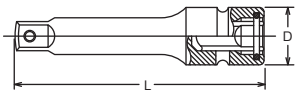


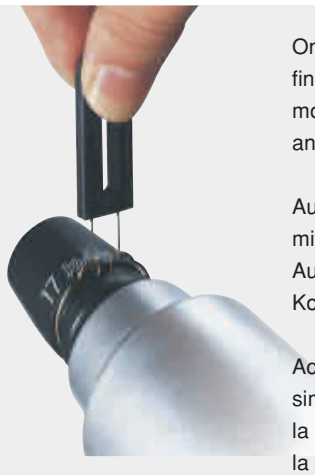
NV16760-175/-250/-330

Extension Bars
Verlängerungen
Rallonges

NV16760	D (mm)	L (mm)	(g)	(pce.)	
175	44	175	870	1	*1
250	44	250	1160	1	*1
330	44	330	1460	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

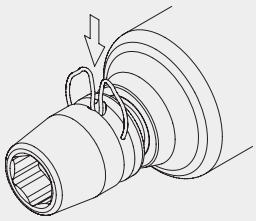


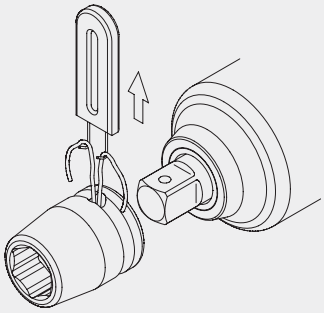


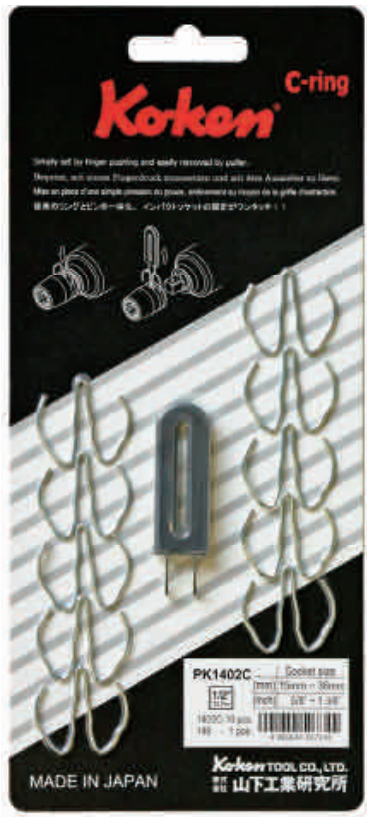
One Piece solid springs steel ring. Simply set by finger pushing and easily removed by puller. Much more convenient and safer than combination of pin and o-ring.

Aus starkem Federstahl, in einem Stück. Bequem, mit einem Fingerdruck einzusetzen und mit dem Auszieher zu lösen. Einfacher und sicherer als die Kombination Stift und Ring.

Acier à ressorts, en une pièce. Mise en place d'une simple pression du pouce, enlèvement au moyen de la griffe d'extraction. Beaucoup plus facile et sûr que la combinaison goupille/bague.

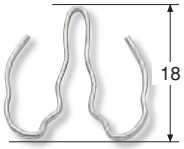




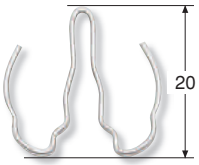


C-Ring

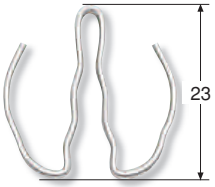
No.	⍁	Opening (mm)	(pcs.)
1301C	3/8"	≦12	100
1302C	3/8"	>12	100
1401C	1/2"	≦14	100
1402C	1/2"	>14	100
1600C	3/4"	≦46	100
1801C	1"	≦70	100
1802C	1"	>70	50
1700C	1-1/2"	≦90	50



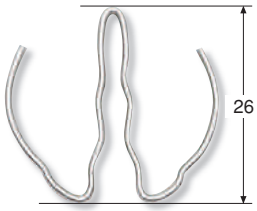
1301C



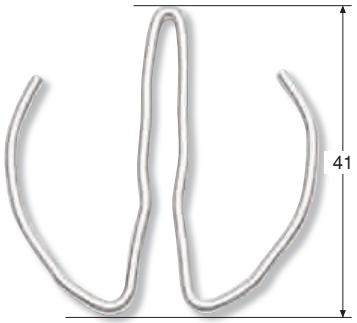
1302C



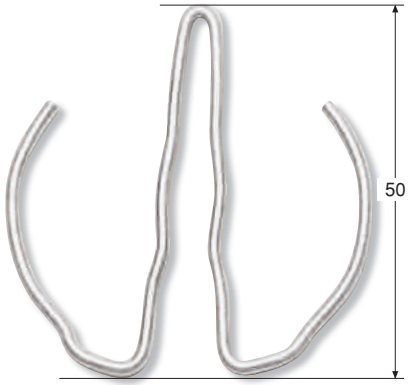
1401C



1402C



1600C



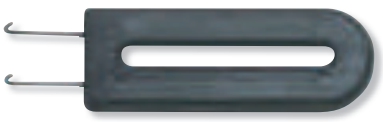
1801C

C-Ring Set

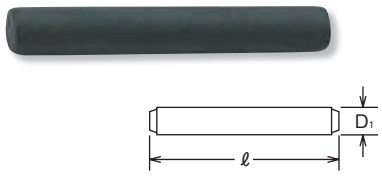
Set No.	⍁	C-Ring 10pcs.	Puller 1pce.
PK1301C	3/8"	1301C	+ 149
PK1302C	3/8"	1302C	+ 149
PK1401C	1/2"	1401C	+ 149
PK1402C	1/2"	1402C	+ 149
PK1600C	3/4"	1600C	+ 152
PK1801C	1"	1801C	+ 152

Puller

No.	⍁		(pcs.)
149	3/8"	1/2"	10
152	3/4"	1"	10

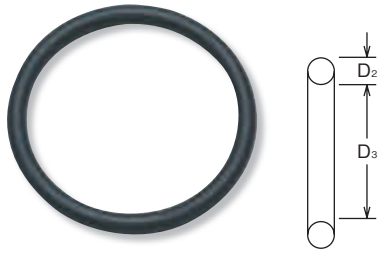

149

152



Pin

No.	⍁	Opening (mm)	D1 (mm)	ℓ (mm)	(pcs.)
1200A	1/4"		1.5	10.2	100
1301A	3/8"	≦ 12	2.5	14.5	100
1302A	3/8"	> 12	2.5	17.5	100
1401A	1/2"	≦ 14	3.5	20	100
1402A	1/2"	> 14	3.5	25	100
1500A	5/8"		4	29	100
1601A	3/4"	≦ 46	5.5	35	100
1602A	3/4"	> 46	5.5	45	100
1801A	1"	≦ 70	6	45	100
1802A	1"	> 70	6	75	50
1701A	1-1/2"	≦ 90	7	75	50
1702A	1-1/2"	> 90	7	110	50
1901A	2-1/2"	≦115	9	110	50
1902A	2-1/2"	>115	9	155	50
2001A	3-1/2"	≦140	13	155	1
2002A	3-1/2"	>140	13	180	1



O-Ring

No.	⍁	Opening (mm)	D2 (mm)	D3 (mm)	(pcs.)
1200B	1/4"		2.5	9	100
1301B	3/8"	≦ 12	3.5	13	100
1302B	3/8"	> 12	3.5	16	100
1401B	1/2"	≦ 14	4	19	100
1402B	1/2"	> 14	4	24	100
1500B	5/8"		5	28	100
1601B	3/4"	≦ 46	5	36	100
1602B	3/4"	> 46	5	45	100
1801B	1"	≦ 70	7	45	100
1802B	1"	> 70	7	75	50
1701B	1-1/2"	≦ 90	10	75	50
1702B	1-1/2"	> 90	10	114	50
1901B	2-1/2"	≦115	10.5	114	50
1902B	2-1/2"	>115	10.5	158	50
2001B	3-1/2"	≦140	15	158	1
2002B	3-1/2"	>140	15	183	1

IMPACT Standard Sockets	Sq.Dr.	1/4"	3/8"		1/2"		3/4"		1"		1-1/2"	
	C-Ring		1301C	1302C	1401C	1402C	1600C	1801C	1801C	1802C	1700C	
size	O-Ring/Pin	1200A/B	1301A/B	1302A/B	1401A/B	1402A/B	1601A/B	1602A/B	1801A/B	1802A/B	1701A/B	1702A/B
4		●										
4.5	3/16	●										
5		●										
5.5		●										
6	1/4	●	●									
7	9/32	●	●									
8	5/16	●	●		●							
9	11/32	●	●		●							
10	3/8	●	●		●							
11	7/16	●	●		●							
12		●	●		●							
13	1/2	●		●	●							
14	9/16	●		●	●							
15				●		●						
16	5/8			●		●						
17	11/16			●		●	●		●			
18				●		●	●		●			
19	3/4			●		●	●		●			
20				●		●	●		●			
21	13/16			●		●	●		●			
22	7/8			●		●	●		●			
23				●		●	●		●			
24	15/16			●		●	●		●			
25	1					●	●		●			
26						●	●		●			
27	1- 1/16					●	●		●			
28						●	●		●			
29	1- 1/8					●	●		●			
30	1- 3/16					●	●		●			
31						●	●		●			
32	1- 1/4					●	●		●			
33	1- 5/16					●	●		●			
34	1- 3/8					●	●		●			
36						●	●		●			
37	1- 7/16						●		●			
38	1- 1/2						●		●			
39							●		●			
40	1- 9/16						●		●			
41	1- 5/8						●		●		●	
42							●		●		●	
43	1- 11/16						●		●		●	
44							●		●		●	
45	1- 3/4						●		●		●	
46	1- 13/16						●		●		●	
47								●	●		●	
48	1- 7/8							●	●		●	
	1- 15/16							●	●		●	
50								●	●		●	
	2							●	●		●	
52	2- 1/16							●	●		●	
54	2- 1/8							●	●		●	
55	2- 3/16							●	●		●	
56								●	●		●	
	2- 1/4							●	●		●	
58	2- 5/16							●	●		●	
60	2- 3/8							●	●		●	
62	2- 7/16								●		●	
63									●		●	
	2- 1/2								●		●	
65	2- 9/16								●		●	
67	2- 5/8								●		●	
68	2- 11/16								●		●	
70	2- 3/4								●		●	
	2- 13/16									●	●	
	2- 7/8									●	●	
75	2- 15/16									●	●	
	3									●	●	
	3- 1/16									●	●	
80	3- 1/8									●	●	
	3- 1/4									●	●	
85										●	●	
	3- 3/8									●	●	
90	3- 1/2									●	●	
	3- 5/8										●	
95	3- 3/4											●
100	3- 7/8											●
105	4											●
	4- 1/8											●
110	4- 1/4											●
115	4- 1/2											●
120	4- 5/8											●
	4- 3/4											●
125	4- 7/8											●
130	5											●
135	5- 1/4											●
140												●
150												●
	6											●
	6- 1/2											●

SOCKETS WITH TURNABLE PLASTIC PROTECTORS
STECKSCHLÜSSEL MIT DREHBAREN SCHUTZHÜLSEN AUS KUNSTSTOFF
DOUILLES A PROTECTIONS PLASTIFIEES

Safety

Turnable plastic protector increases operator's safety during assembly process.

Unsere drehbaren Kunststoff-Hülsen erhöhen die Arbeitssicherheit während des Montageprozesses.

Nos protections rotatives plastifiées augmentent la sécurité lors du montage.

Scratch proof

Protector helps to reduce the possibility giving damage on painted, polished and sensitive surfaces. Protector is free rotation designed.

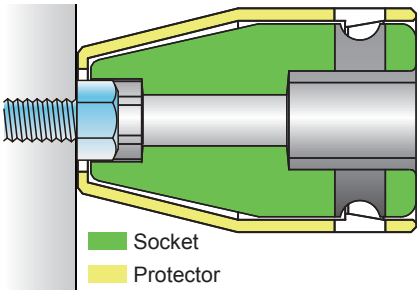
Die Protektoren vermeiden Beschädigungen an lackierten-, polierten- bzw. empfindlichen Oberflächen. Unsere Protektoren sind frei drehbar.

Les protections évitent des endommagements sur des surfaces laquées, polies ou sensibles. Nos protections ont une libre rotation.

Our Protector series is make-to-order manufacturing.

Die Kunststoffhülsen werden in Einzelfertigung hergestellt.

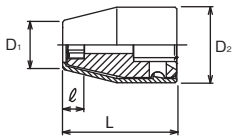
Les protections plastifiées sont fabriquées individuellement .



13400M-FR

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

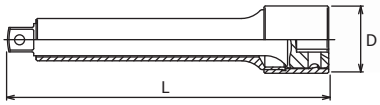
13400M (FR)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	⚖ (g)
8FR	15.7	22	6	33.3	40
10FR	18.2	22	7	33.3	40
12FR	20.8	22	9	33.3	43
13FR	21.8	25	10	33.3	56
14FR	23.6	25	10	33.3	56
16FR	26.1	25	11	33.3	57
17FR	27.3	25	12	33.3	60



13760-125P.FR/-250P.FR

Extension Bars
Verlängerungen
Rallonges

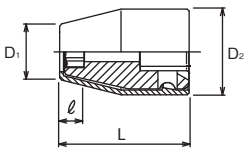
13760 (FR)	D (mm)	L (mm)	⚖ (g)
125P.FR	26.2	125	145
250P.FR	26.2	250	220



14400M-FR

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

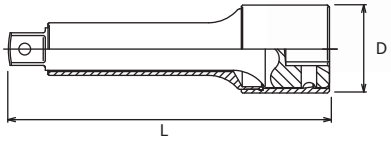
14400M (FR)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	⚖ (g)
10FR	19.5	28	7	39.3	90
12FR	22	28	9	39.3	90
13FR	23.2	28	10	39.3	90
14FR	24.8	28	11	39.3	90
16FR	27	33	10	39.3	135
17FR	28.2	33	12	39.3	135
19FR	31	33	13	39.3	130



14760-125P.FR/-250P.FR

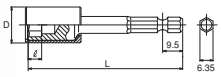
Extension Bars
Verlängerungen
Rallonges

14760 (FR)	D (mm)	L (mm)	⚖ (g)
125P.FR	34.2	125	280
250P.FR	34.2	250	480



113-75SV/-100SV/-150SV

Nut Setters
Steckschlüssel Klingen
Embouts pour écrous



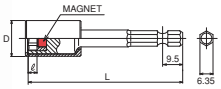
113-75 (SV)	D (mm)	ℓ (mm)	L (mm)	⚖ (g)
8SV	15.1	6	75	34
10SV	16.9	7	75	37
12SV	19.4	8	75	44
New **13SV**	20.4	8	75	45

113-150 (SV)	D (mm)	ℓ (mm)	L (mm)	⚖ (g)
8SV	15.1	4	150	62
10SV	16.9	4.5	150	66
12SV	19.4	6	150	72
New **13SV**	20.4	8	150	80

113-100 (SV)	D (mm)	ℓ (mm)	L (mm)	⚖ (g)
8SV	15.1	6	100	43
10SV	16.9	7	100	47
12SV	19.4	8	100	54
New **13SV**	20.4	8	100	55

115-75SV/-100SV/-150SV

Nut Setters with Magnet
Steckschlüssel Klingen mit Magnet
Embouts avec aimant pour écrous



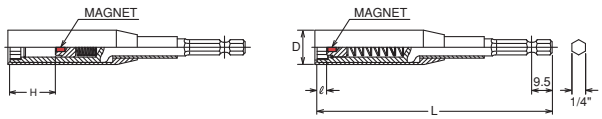
115-75 (SV)	D (mm)	ℓ (mm)	L (mm)	⚖ (g)
8SV	15.1	3.5	75	35
10SV	16.9	4.2	75	40
12SV	19.4	5.6	75	48
New **13SV**	20.4	6	75	54

115-150 (SV)	D (mm)	ℓ (mm)	L (mm)	⚖ (g)
8SV	15.1	3.5	150	63
10SV	16.9	4.2	150	70
12SV	19.4	5.6	150	79
New **13SV**	20.4	6	150	87

115-100 (SV)	D (mm)	ℓ (mm)	L (mm)	⚖ (g)
8SV	15.1	3.5	100	44
10SV	16.9	4.2	100	52
12SV	19.4	5.6	100	60
New **13SV**	20.4	6	100	67

115G-100FR/-150FR/-200FR

Nut Setters with sliding Magnet
Steckschlüssel Klingen mit versenkbarem Magnet
Embouts avec aimant, glissant pour écrous



115G-100 (FR)	D (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)
8FR	15.1	4	26	100	55
10FR	16.9	4.5	26	100	60
12FR	19.3	6	26	100	80
New **13FR**	20.4	6.5	25	100	85

115G-200 (FR)	D (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)
8FR	15.1	4	26	200	90
10FR	16.9	4.5	26	200	100
12FR	19.3	6	26	200	125
New **13FR**	20.4	6.5	25	200	135

115G-150 (FR)	D (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)
8FR	15.1	4	26	150	75
10FR	16.9	4.5	26	150	80
12FR	19.3	6	26	150	100
New **13FR**	20.4	6.5	25	150	110

REPLACEMENT

Remove a damaged Protector and put a new Protector on socket / Extension bar by pressing. For your safety, worn out or cracked Protector must be replaced.

AUSTAUSCH

Entfernen Sie defekte Protektoren und ersetzen Sie diese auf Ihrem Steckschlüssel/Verlängerung mittels einer Presse.
Bitte tauschen Sie zu Ihrer Sicherheit verschlissene Protektoren aus !

REMPLACEMENT

Retirez les protections défectueuses, remplacez celles-ci et fixez-les sur les douilles/rallonges à l'aide d'une presse.
Pour votre sécurité remplacez toute protection défectueuse.

Specifications or design of any product in this catalogue are subject to change without notice.
Wir behalten uns das Recht vor, jedes in diesem Katalog gezeigte Werkzeug, auch ohne vorherige Ankündigung, in Ausführung und Design ändern zu dürfen.
Nous nous réservons le droit de modifier les modèles et les dimensions des outils présentés dans ce catalogue et ce sans autre notification préalable.

INDUSTRIAL SOCKETS
STECKSCHLÜSSEL, INDUSTRIE-AUSFÜHRUNG
CLES A DOUILLES, FINISSAGE INDUSTRIEL

1/4”

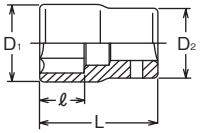
3/8”

1/2”

1/4”

22400M

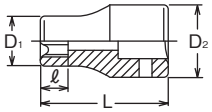
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



22400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
6	9.2	11.2	5.5	22	9	10
7	10.3	11.2	6	22	9	10
8	11.2	11.7	6.9	22	11	10
10	14.3	12.9	7.7	22	15	10
12	16.8	15.5	9.3	22	23	10
13	18	16.4	9.8	22	23	10

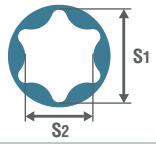
22425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



22425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 4	5.4	11.2	4.6	22	7	10
E 5	6.7	11.2	5.2	22	8	10
E 6	7.7	11.2	5.4	22	8	10
E 7	8.3	11.2	6.6	22	9	10
E 8	9.6	11.2	7	22	9	10
E10	11.3	12	8.2	22	10	10

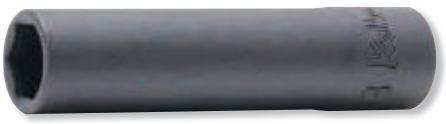
TORX®
(E)

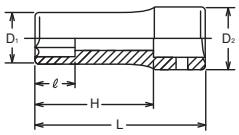


E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24	E26	E28
S1	(ref. mm)	3.7	4.6	5.6	6.1	7.4	9.3	9.9	11.0	12.8	14.6	16.5	18.3	20.1	22.0	23.7	25.5
S2	(ref. mm)	2.7	3.3	4.0	4.3	5.3	6.8	7.1	7.9	9.2	10.5	11.9	13.2	14.8	15.7	17.5	18.3

22300M / 22300A

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles longues, 6-pans





22300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	10.3	11.2	8	40	50	24	10
8	11.2	11.7	9	40	50	28	10
10	14.3	12.9	11	39	50	33	10
12	16.8	15.5	13	39	50	50	10
13	18	16.4	14	39	50	50	10

22300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/4	9.6	11.2	7	40	50	24	10
5/16	11.2	11.7	9	40	50	28	10
3/8	13.7	12.5	11	40	50	33	10

Industrial sockets are thin walled sockets and to be used on electric or pneumatic nut runners for assembly work only.

Bei den Industrial Steckschlüsseln handelt es sich um dünnwandige Werkzeuge, die ausschliesslich auf pneumatischen und elektrischen Drehschraubern (nicht schlagend) verwendet werden dürfen.

Les douilles Industrielles à paroi mince ne doivent être utilisées que sur des vis à fixer par visseuses (non-chocs).

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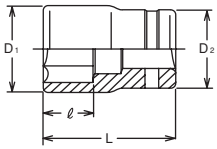
3/8”

23400M / 23400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

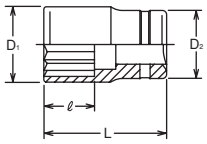


23400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
6	9.9	17.3	6	26	20	10
7	10.8	17.3	6.5	26	20	10
8	12	17.3	6.9	26	22	10
10	14.5	17.3	8	26	24	10
11	15.8	17.3	9.3	26	25	10
12	16.8	17.3	9	26	25	10
13	18	17	9.4	26	24	10
14	19.5	18.5	11	27	31	10
15	21	19.5	11.5	28	39	10
16	22	20	12	28	42	10
17	23.5	21.5	12.5	29	51	10
18	24.6	22.5	13	30	51	10
19	26	23.5	13.5	30	53	10
21	28	26	14.5	32	77	10

23400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5/16	12	17.3	6.9	26	22	10
3/8	13.9	17.3	8	26	22	10
7/16	15.8	17.3	9.3	26	25	10
1/2	18	17	9.4	26	24	10
9/16	19.5	18.5	11	27	31	10
11/16	24.6	22.5	13	30	51	10
3/4	26	23.5	13.5	30	63	10

23405M

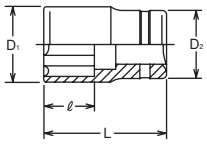
12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



23405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	12	17.3	6.9	26	22	10
10	14.5	17.3	8	26	24	10
12	16.8	17.3	9	26	25	10
14	19.5	18.5	11	27	31	10

23410M

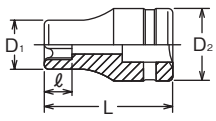
Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive



23410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	12	17.3	6.9	26	22	10
10	14.5	17.3	8	26	24	10
12	16.8	17.3	9	26	25	10
13	18	17	9.4	26	24	10
14	19.5	18.5	11	27	31	10
15	21	19.5	11.5	28	39	10
16	22	20	12	28	42	10
17	23.5	21.5	12.5	29	51	10
18	24.6	22.5	13	30	51	10
19	26	23.5	13.5	30	53	10

23425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



23425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 5	7	17.3	5.2	26	20	10
E 6	8.3	17.3	5.4	26	21	10
E 7	8.9	17.3	6.6	26	22	10
E 8	9.9	17.3	7	26	23	10
E10	12	17.3	8.2	26	24	10
E11	13.3	17.3	8.7	26	25	10
E12	14.5	17.3	9.3	26	26	10
E14	15.8	17.3	10.6	26	27	10
E16	18	17	11.8	26	27	10

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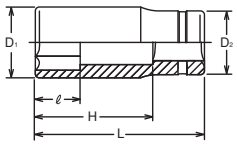
3/8”

23300M / 23300A

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles longues, 6-pans

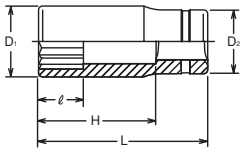


23300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	17.4	9	41.5	55	45	10
10	14.5	17.4	11	41.5	55	52	10
11	16	17.2	12	41.5	55	55	10
12	16.8	17.2	13	41.5	55	58	10
13	18	17	14	41.5	55	57	10
14	20	18	16	41.5	55	68	10
15	21	20	16	40.5	55	78	10
16	22	20	17	40.5	55	79	10
17	23.5	22	18	40.5	55	96	10
18	24.5	23	19	39.5	55	96	10
19	25	24	20	39.5	55	102	10

23300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
5/16	12	17.4	9	41.5	55	45	10
3/8	14	17.4	11	41.5	55	51	10
7/16	16	17.2	12	41.5	55	55	10
1/2	18	17	14	41.5	55	57	10
9/16	20	18	16	41.5	55	68	10
11/16	23.5	22	18	40.5	55	96	10
3/4	25	24	20	39.5	55	102	10

23305M

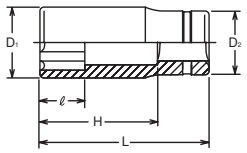
12-point Deep Sockets
12-kant Steckschlüssel,lang
Douilles longues 12-pans



23305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	17.4	9	41.5	55	45	10
10	14.5	17.4	11	41.5	55	52	10
12	16.8	17.2	13	41.5	55	58	10
14	20	18	16	41.5	55	68	10

23310M

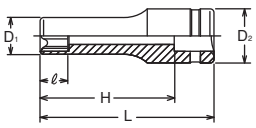
Surface Drive Sockets, deep
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive



23310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	17.4	9	41.5	55	45	10
10	14.5	17.4	11	41.5	55	52	10
12	16.8	17.2	13	41.5	55	58	10
13	18	17	14	41.5	55	57	10
14	20	18	16	41.5	55	68	10
15	21	20	16	40.5	55	80	10
17	23.5	22	18	40.5	55	96	10

23325

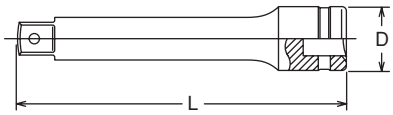
TORX® Deep Sockets
TORX® Steckschlüssel, lang
Douilles longues TORX®



23325 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
E 5	6.9	17.4	5.2	41.5	55	50	10
E 6	7.9	17.4	5.4	41.5	55	52	10
E 7	8.9	17.4	6.6	41.5	55	55	10
E 8	9.9	17.4	7	41.5	55	58	10
E10	11.8	17.2	8.2	41.5	55	60	10
E12	14.5	17.2	9.3	41.5	55	68	10
E14	15.7	17.2	10.6	41.5	55	77	10
E16	18	17	11.8	41.5	55	80	10

23760-75P/-125P/-250P

Extension Bars
Verlängerungen
Rallonges



23760	D (mm)	L (mm)	(g)	(pcs.)
75P	18	75	70	10
125P	18	125	110	10
250P	18	250	200	5

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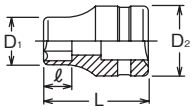
24400M / 24400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

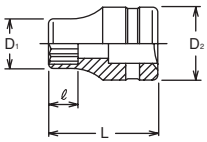


24400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10	15.3	21	9	37	45	10
11	16.5	21	9.5	37	46	10
12	17.8	21	10	37	47	10
13	19	22	10.5	37	53	10
14	20.3	22	11	37	56	10
15	21.5	22	11.5	37	52	10
16	22.8	22	12	37	62	10
17	24.1	23	12.5	37	69	10
18	25.1	24	13	37	74	10
19	26.6	25	14	38	89	10
20	27.9	26	15	38	92	10
21	29.1	27	15.5	38	102	10
22	30.1	28	16	40	113	10
23	31.5	29	16.5	40	128	10
24	32.9	30	17	42	140	5
26	35	32	19	42	165	5
27	36.5	33	19.5	43	196	5
29	39	35	20.5	43	190	5
30	40	36	22	46	222	5
32	42.8	38	23	46	250	5

24400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7/16	16.5	21	9.5	37	46	10
1/2	19	22	10.5	37	53	10
9/16	20.3	22	11	37	56	10
5/8	22.9	22	12	37	62	10
3/4	26.6	25	14	38	89	10
15/16	32.9	30	17	42	140	10

24405M

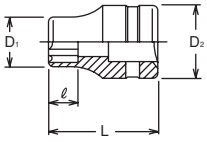
12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



24405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10	15.3	21	9	37	45	10
12	17.8	21	10	37	47	10
14	20.3	22	11	37	56	10
17	24.1	23	12.5	37	69	10
19	26.6	25	14	38	89	10

24410M

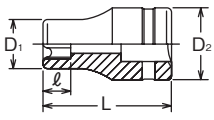
Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive



24410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10	15.3	21	9	37	45	10
12	17.8	21	10	37	47	10
13	19	22	10.5	37	53	10
14	20.3	22	11	37	56	10
15	21.5	22	11.5	37	52	10
16	22.8	22	12	37	62	10
17	24.1	23	12.5	37	69	10
18	25.1	24	13	37	74	10
19	26.6	25	14	38	89	10
21	29.1	27	15.5	38	102	10
22	30.1	28	16	40	113	10
24	32.9	30	17	42	140	10

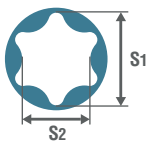
24425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



24425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E10	13.2	21	8.2	36	68	10
E12	14.6	21	9.3	37	70	10
E14	16.5	21	10.6	37	75	10
E16	19	21.9	11.8	37	80	10
E18	20.3	21.9	13	37	83	10
E20	22.9	22	14.4	37	121	10

TORX®
(E)



E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24	E26	E28
S1	(ref. mm)	3.7	4.6	5.6	6.1	7.4	9.3	9.9	11.0	12.8	14.6	16.5	18.3	20.1	22.0	23.7	25.5
S2	(ref. mm)	2.7	3.3	4.0	4.3	5.3	6.8	7.1	7.9	9.2	10.5	11.9	13.2	14.8	15.7	17.5	18.3

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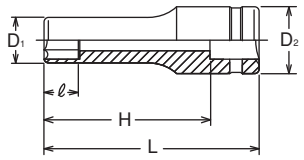
24300M / 24300A

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles longues, 6-pans

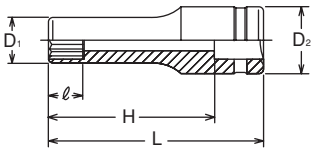


24300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
10	15.3	21	11	59	77	91	10
11	16.5	21	12	59	77	95	10
12	17.8	21	13	59	77	99	10
13	19	21.8	14	59	77	107	10
14	20.3	21.8	16	59	77	118	10
15	21.5	21.8	16	59	77	123	10
16	22.8	22	17	59	77	141	10
17	24	23	18	59	77	150	10
18	25	24	19	59	77	164	10
19	26.5	25	20	58	77	177	10
20	27.8	26	21	58	77	178	10
21	29	27	23	58	77	187	10
22	30	28	27	57	77	202	10
24	32.8	30	27	57	77	252	10
27	36.5	33	28	56	77	303	10
30	40	36	34	55	77	342	10
32	42.8	38	34	55	77	405	10

24300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
7/16	16.5	21	12	59	77	95	10
1/2	19	21.8	14	59	77	107	10
9/16	20.3	21.8	15	59	77	118	10
5/8	22.8	22	17	59	77	141	10
21/32	24	23	18	59	77	150	10
11/16	25	24	19	59	77	164	10
3/4	26.5	25	20	58	77	177	10
13/16	29	27	23	58	77	187	10
15/16	32.8	30	27	57	77	252	10

24305M

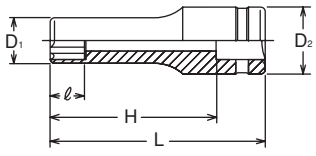
12-point Deep Sockets
12-kant Steckschlüssel,lang
Douilles longues 12-pans



24305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
10	15.3	21	11	59	77	91	10
12	17.8	21	13	59	77	99	10
14	20.3	21.8	16	59	77	118	10
17	24	23	18	59	77	150	10
19	26.5	25	20	58	77	177	10

24310M

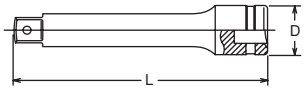
Surface Drive Sockets, deep
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive



24310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
10	15.3	21	11	59	77	91	10
12	17.8	21	13	59	77	99	10
13	19	21.8	14	59	77	107	10
14	20.3	21.8	16	59	77	118	10
15	21.5	21.8	16	59	77	123	10
16	22.8	22	17	59	77	141	10
17	24	23	18	59	77	150	10
18	25	24	19	59	77	160	10
19	26.5	25	20	58	77	177	10
21	29	27	23	58	77	187	10
22	30	28	27	57	77	202	10
24	32.8	30	27	57	77	250	10

24760-75P/-125P/-250P

Extension Bars
Verlängerungen
Rallonges



24760	D (mm)	L (mm)	(g)	(pcs.)
75P	24	75	140	10
125P	24	125	200	5
250P	24	250	370	5

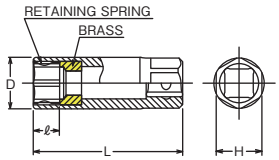
AUTOMOTIVE TOOLS

WERKZEUGE FÜR KFZ UND NUTZFAHRZEUGE

OUTILS POUR POIDS LOURDS ET VÉHICULES UTILITAIRES

3300C / 4300C

Spark Plug Sockets with Spring Clips
Zündkerzen-Schlüssel mit Haltefeder
Douille avec ressorts de retenue pour bougies

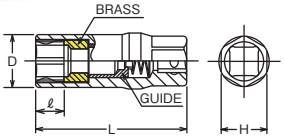


3300C (mm)	⬚	D (mm)	ℓ (mm)	L (mm)	H (mm)	⚖ (g)	◈ (pcs.)
13	3/8"	17.5	11	70	17	66	10
14		19	11	70	17	82	10
16		20.5	13	70	17	91	10
18		23.9	12	70	21	140	10
20.8		26.9	13.5	70	22	132	10

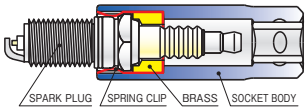
4300C (mm)	⬚	D (mm)	ℓ (mm)	L (mm)	H (mm)	⚖ (g)	◈ (pcs.)
16	1/2"	21	13	70	21	101	10
18		23.9	12	70	21	132	10
20.8		26.9	13.5	70	22	130	10

3300CB

Spark Plug Socket (BMW)
Zündkerzen-Schlüssel (BMW)
Douille pour bougies (BMW)



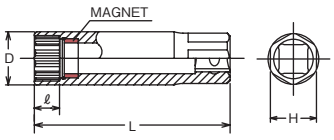
3300CB (mm)	⬚	D (mm)	ℓ (mm)	L (mm)	H (mm)	⚖ (g)	◈ (pcs.)
16	3/8"	22.8	13	65	19	118	10



SPARK PLUG SOCKETS with SPRING CLIP
An internal brass guide holds the clips in place, which ensures perfect alignment of the spark plug into the threaded plug hole of the cylinder head, thus preventig thread damage.
The brass guide also eliminates stress loading and possible damage to the ceramic insulator of the spark plug.

3305P

Spark Plug Socket with Magnet, 12-pt. opening
Zündkerzensteckschlüssel mit Magnet, 12-kant
Douille pour bougies, avec aimant, 12-pans

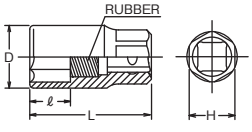


3305P (mm)	⬚	D (mm)	ℓ (mm)	L (mm)	H (mm)	⚖ (g)	◈ (pcs.)
14	3/8"	19	8	70	17	87	10
New **16**		20.5	8	70	17	100	10

Spark Plug Socket with Magnet, 12-pt. opening: 3305P-14

3300S / 4300S

Spark Plug Sockets with Rubber
Zündkerzen-Schlüssel mit Gummieinsatz
Douille pour bougies avec caoutchouc

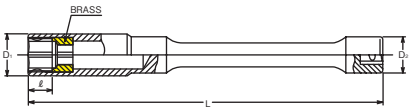


3300S (mm)	⬚	D (mm)	ℓ (mm)	L (mm)	H (mm)	⚖ (g)	◈ (pcs.)
16	3/8"	20.9	19	70	17	100	10
18		23.9	21	70	21	145	10
20.8		26.9	27	70	22	140	10

4300S (mm)	⬚	D (mm)	ℓ (mm)	L (mm)	H (mm)	⚖ (g)	◈ (pcs.)
16	1/2"	21	19	70	21	100	10
18		23.9	21	70	21	130	10
20.8		26.9	27	70	22	135	10

3300C-180/-250

Spark Plug Sockets with Spring Clips
Zündkerzen-Schlüssel mit Haltefedern
Douille avec ressorts de retenue pour bougies

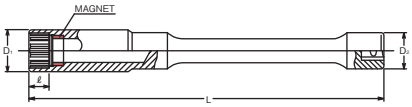


3300C-180 (mm)		D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	3/8"	19	18	11	180	205	5
16		20.5	18	13	180	220	5
20.8		26.9	18	13.5	180	260	5

3300C-250 (mm)		D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	3/8"	19	18	11	250	271	5
16		20.5	18	13	250	290	5
20.8		26.9	18	13.5	250	340	5

3305P-250

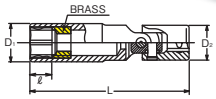
Spark Plug Socket with Magnet, 12pt. opening
Zündkerzensteckschlüssel mit Magnet, 12-kant
Douille pour bougies, avec aimant, 12-pans



3305P-250 (mm)		D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	3/8"	19	18	8	250	250	5

3340C / 4340C

Universal Spark Plug Sockets with Spring Clips
Gelenk-Zündkerzenschlüssel mit Haltefeder
Douille articulée avec ressorts de retenue pour bougies

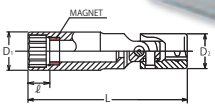


3340C (mm)		D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	3/8"	19	19	11	88	109	10
16		21	19	13	88	122	10
New **18**		23.9	19	12	88	145	10
20.8		26.8	19	13.5	88	174	10

4340C (mm)		D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
16	1/2"	21	25	13	100	220	10
20.8		26.8	25	13.5	100	250	10

3345P

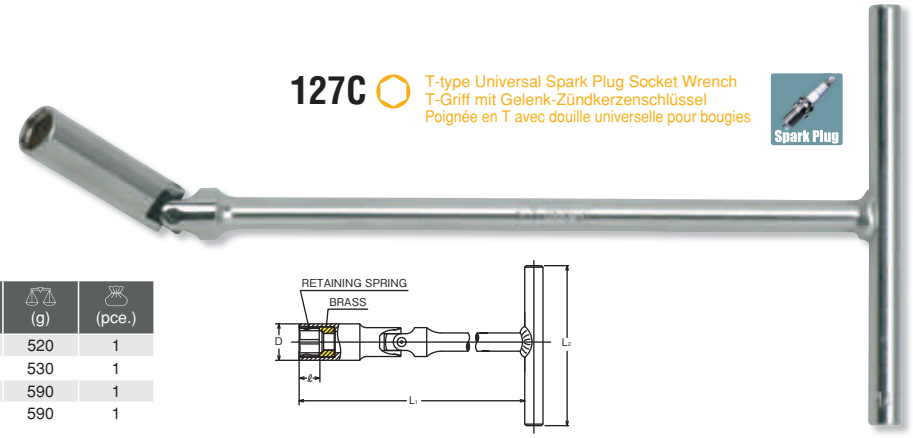
Universal Spark Plug Socket with Magnet, 12-point opening
Gelenk-Zündkerzensteckschlüssel mit Magnet, 12-kant Ausführung
Clé pour bougies à déclenchement articulée avec aimant, 12 pans



3345P (mm)		D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New **14**	3/8"	19	19	8	88	110	10

127C

T-type Universal Spark Plug Socket Wrench
T-Griff mit Gelenk-Zündkerzenschlüssel
Poignée en T avec douille universelle pour bougies



127C-315 (mm)	D (mm)	ℓ (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
14	19	11	315	150	520	1
16	21	13	315	150	530	1
18	23.9	12	315	150	590	1
20.8	26.8	13.5	315	150	590	1

3751N

Torque Ratchet for Spark plugs
Drehmoment-Knarre für Zündkerzen
Cliquet pour bougies à déclenchement 25Nm

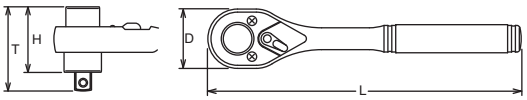
TORQUE RATCHET
The torque is set at 25Nm. When the torque is loaded higher than 25Nm, the gear slips and no increased torque is transmitted. Cylinder heads and spark plugs are protected by this mechanism.

DREHMOMENT-KNARRE
Die Knarre ist auf ein Drehmoment von 25Nm eingestellt. Ist das Drehmoment von 25Nm erreicht, springt das innere Getriebe über. Dies schont die Zündkerzengewinde am Zylinderkopf.

CLIQUET À DÉCLENCEMENT
Le cliquet est fixé à un torque d'une capacité maximale de 25NM. Une fois les 25NM atteints, ce mécanisme évite tout dépassement du cliquet.

3751J

Torque Ratchet for Spark plugs
Drehmoment-Knarre für Zündkerzen
Cliquet pour bougies à déclenchement 25Nm



		D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3751N-25	3/8"	34	57	43	178	320	1
3751J-25		34	57	43	178	320	1

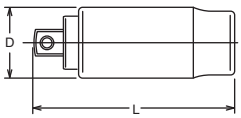
3225A

Set for Torque Controlled Installation of Spark Plugs
Set zur Drehmoment kontrollierten Montage von Zündkerzen
Jeu qui permet la rotation controlée lors du montage des bougies à déclenchement

3225A	4 Pieces Set/=960g
METAL CASE:W215×H80×T47mm	
Sockets	Accessories
3300C Spark Plug Sockets 16, 20.8	**3751J-25** **3763-125**

3701-20Nm/-30Nm

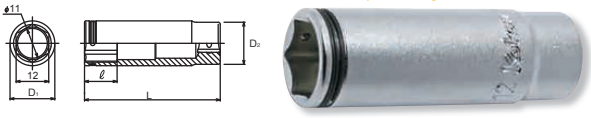
Torque Adaptors 20Nm / 30Nm
Drehmoment-Verbindungsstücke 20Nm / 30Nm
Adaptateurs dynamométriques 20Nm / 30Nm



3701		D (mm)	L (mm)	(g)	(pce.)
20Nm	3/8"	25.5	75	178	1
30Nm		28	75	220	1

2350G-12PSG

NUT GRIP® Sockets for PSG-Glow Plugs
Steckschlüssel für PSG-Glühkerzen
Douille pour bougies PSG



2350G-PSG (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New **12**	1/4"	23.9	19	12	88	145	10

3341G-70/-89

Universal PSG Glow Plug Socket with **NUT GRIP®**
Gelenksteckschlüssel für PSG-Glühkerzen mit 2fach Kugelhalterung
Douille articulée pour bougies de préchauffement PSG, avec le système de billes de retenue, double.

3341G-70 (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10	3/8"	14.5	19	6	70	76	10
11		15.8	19	6	70	80	10
12		17	19	6	70	85	10

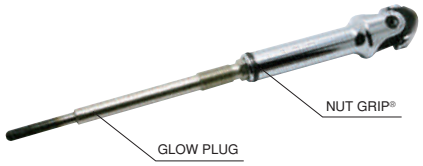
3341G-89 (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	3/8"	12	19	7.5	89	82	10
9		13.3	19	7.5	89	87	10
10		14.5	19	6	89	92	10
New **12(DP52)**		17	19	6	89	101	10

GLOW PLUG SOCKETS, NUT GRIP®

Twin balls at the 6-point opening hold bolt/nut tightly for safe and reliable work.

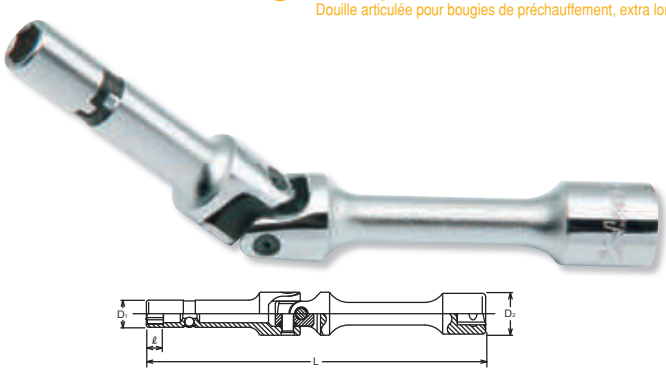
Die zwei Kugeln in der 6-kant Öffnung unserer NUT GRIP® Glühkerzensteckschlüssel halten die Zündkerze sicher im Steckschlüssel. Dies erlaubt ein Arbeiten auch an schwer zugänglichen Stellen.

Les deux billes se trouvant dans l'ouverture de notre NUT GRIP® (6 pans) pour bougies de préchauffement, maintiennent la bougie de déclenchement dans la douille. Ceci permet l'accès dans les endroits difficilement accessibles.



3342G-150

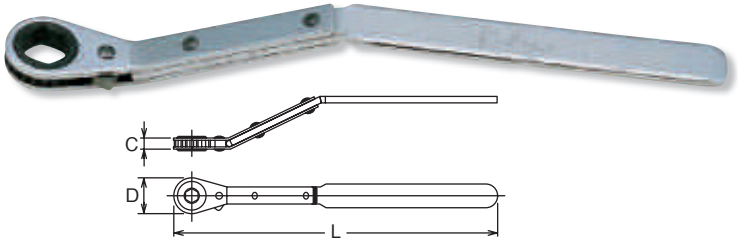
Deep length universal Glow Plug Socket
Extra langer Glühkerzen-Steckschlüssel mit Gelenk
Douille articulée pour bougies de préchauffement, extra longue



3342G-150 (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	3/8"	12	18	7.5	150	137	10

144KM

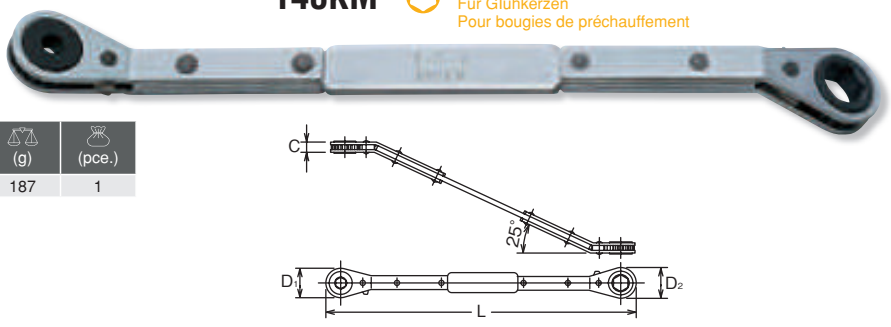
For Glow Plugs
Für Glühkerzen
Pour bougies de préchauffement



144KM (mm)	L (mm)	D (mm)	C (mm)	(g)	(pce.)
8	200	22.7	7.5	95	1
12	200	22.7	7.5	102	1

148KM

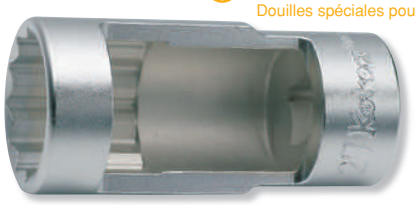
For Glow Plugs
Für Glühkerzen
Pour bougies de préchauffement

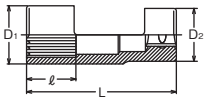


148KM (mm)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pce.)
8S×12	245	23.6	24.6	9	187	1

SP4305M-77

Socket for Diesel engine injectors
Steckschlüssel für Diesel-Einspritzüsen
Douilles spéciales pour injecteurs



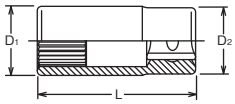


SP4305M-77 (mm)	⍁	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◈ (pcs.)
27	1/2"	36.5	33	28	77	212	10

SP4305M.77-27
For fuel injection pump of BMW diesel cars.

4133

Socket for Diesel engine injectors
Steckschlüssel für Diesel-Einspritzüsen
Douilles spéciales pour injecteurs

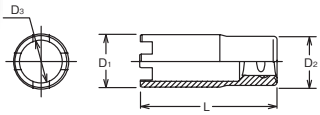


	⍁	D1 (mm)	D2 (mm)	L (mm)	⚖ (g)	◈ (pcs.)
4133	1/2"	23.9	23	55	86	10

4133
For fuel injection pump of M.B diesel cars.

4122-72

Diesel Injection Holder Nut Socket
Steckschlüssel für Einspritzdüsen
Douilles pour injecteur diesel

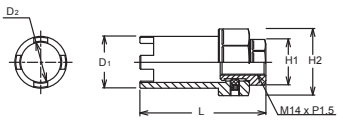


4122-72 (mm)	⍁	D1 (mm)	D2 (mm)	D3 (mm)	L (mm)	⚖ (g)	◈ (pcs.)
22	1/2"	28.5	27	22	72	150	10

4122.72-22
For M.B Trucks, Holder nut of injection post.

SP4122-69

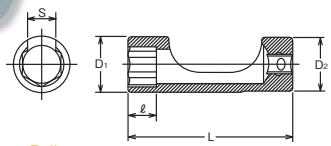
Diesel Injection Holder Nut Socket
Steckschlüssel für Einspritzdüsen
Douilles pour injecteur diesel



SP4122-69 (mm)	D1 (mm)	D2 (mm)	H1 (mm)	H2 (mm)	L (mm)	⚖ (g)	◈ (pcs.)
New 22	28.4	22	22	32	69	185	5

3300FN

Flare Nut Sockets
Geschlitzte Steckschlüssel für Überwurfmuttern
Douilles à tuyauter



3300FN (mm)	⍁	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	S (mm)	⚖ (g)	◈ (pcs.)
8		14.5	17.3	6	53	6.4	38	10
9		16	17.3	7	53	6.8	41	10
10		16.8	17.2	7.5	53	7.2	42	10
11		18	17	8.5	53	8.3	42	10
12		20	18	9	53	8.8	50	10
13		21.1	20	9.5	62	9.4	66	10
14	3/8"	22	20	10.5	62	10.5	66	10
15		23	22	11	70	11.5	82	10
16		24	23	11.5	70	12	90	10
17		25	24	12.5	80	13	110	10
18		27	25	13	80	13.5	120	10
19		28	26	14	80	14.5	130	10
New 22		32	29.5	16	80	16	180	10
New 24		34.5	31.5	17	80	17	200	10

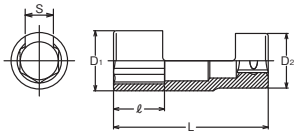
RS3300FN/6

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

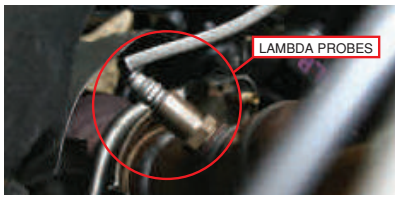
RS3300FN/6	6 Pieces Set/Rail 150mm	⚖ (g)
8, 10, 12, 14, 17, 19		450

SP4300M-85
SP4300M-110

Special socket for Lambda Probes
Spezialsteckschlüssel für Lambda Sonden
Douilles spéciales pour sonde Lambda



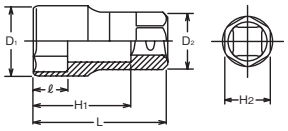
	⍁	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	S (mm)	⚖ (g)	◈ (pcs.)
SP4300M.85-22	1/2"	33	30	29	85	8	228	10
SP4300M.110-22		33	30	34	110	8	279	10



FLARE NUT SOCKET
Socket for Lambda Probes
Open section allows for use with wire/connector.

4300H

Oil Pressure Switch Sockets
Steckschlüssel für Öldruckschalter
Douilles pour interrupteur, pression d'huile

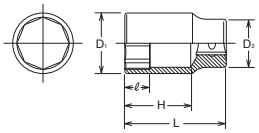


4300H (mm)	⍁	D1 (mm)	D2 (mm)	ℓ (mm)	H1 (mm)	L (mm)	H2 (mm)	⚖ (g)	◈ (pcs.)
24	1/2"	32.5	27	17	40	57	24	157	10
26		35	27	19	40	57	24	170	10
27		36.1	27	19.5	40	57	24	175	10

4300H series
Removes and installs oil pressure switches

4300H (8P)

8-point Sockets
8-kant Steckschlüssel
Douilles 8-pans

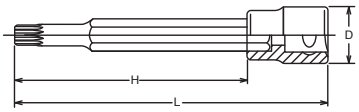


4300H (mm)	⍁	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)	◈ (pcs.)
27(8P)	1/2"	34	27	18.5	37	57	152	10

4300H(8P) series
Socket for Switches, Mercedes Benz and MAN

4010M-100/-120 (12P)

Bit Sockets for Double Inhex Screws (12-point)
Steckschlüssel für Innenzwölfkant-Schrauben
Douilles à 6-pans doubles



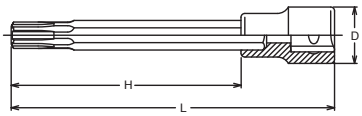
4010M-100 (mm)	⍁	D (mm)	H (mm)	L (mm)	⚖ (g)	◈ (pcs.)
8(12P)	1/2"	23	63.5	100	132	10
10(12P)		23	63.5	100	135	10

4010M-120 (mm)	⍁	D (mm)	H (mm)	L (mm)	⚖ (g)	◈ (pcs.)
8(12P)	1/2"	23	83.5	120	151	10
10(12P)		23	83.5	120	155	10

Cylinder head bolt socket for TOYOTA
4010M(12P) is Double Hex bit socket.
XZN(Triple Square) bit socket has different shape.

ST4027-140

Head Bolt Bit Socket for VW/AUDI
Bit Steckschlüssel für Zylinderkopfschrauben VW/AUDI
Douilles tournevis spéciales pour boulons de culasse VW/AUDI

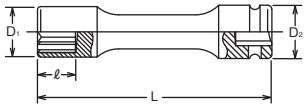


	⍁	D (mm)	H (mm)	L (mm)	⚖ (g)	◈ (pcs.)
ST4027.140	1/2"	23	103.5	140	155	10

Head Bolt Bit Socket for VW/AUDI
ST4027-140 can not substitute with 3027, 4027-CV bit series.

13145M-150/-200 (12P)

Extra Long Sockets
Schaftsteckschlüssel
Douilles, série allongée



13145M-150 (12P) (mm)	⍁	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◈ (pce.)	🔧
10	3/8"	15.8	19	10	150	120	1	*1
12		18.3	19	12	150	128	1	*1

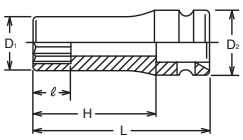
*1 C-Ring=1301C, Pin/O-Ring=1301A•B ➡P238-239

13145M.200 (12P) (mm)	⍁	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◈ (pce.)	🔧
10	3/8"	15.8	19	10	200	151	1	*1
12		18.3	19	12	200	159	1	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P238-239

16305M

12-point Sockets, deep
12-kant Steckschlüssel, lang
Douilles longues, 12-pans

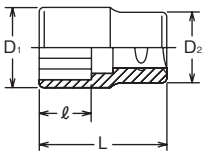


16305M (mm)	⍁	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)	◈ (pcs.)	🔧
14		26.3	44	14	74	100	500	2	*1
17	3/4"	30	44	17	74	100	544	2	*1
19		32.5	44	19	74	100	655	2	*1
22		36.3	44	22	74	100	700	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A•B ➡P238-239

4109M

Double 4-point Sockets
Doppelvierkant Steckschlüssel
Douilles 4-pans, doubles

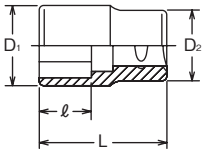


4109M (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	1/2"	26.8	26	11	38	110	10
17		30	28	12.5	40	140	10
19		31.5	29	14	40	150	10
21.5		35	32	16	40	170	10
23		37	34	16.5	43	180	10

4109M series
For Lubrication service

4111M

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

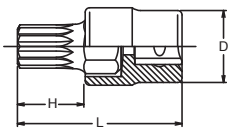


4111M (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
24	1/2"	32	30	17	40	133	10

4111M
For Lubrication service

4020-60 (MH)

Bit Socket for XZN-Screws with hole
Steckschlüssel für XZN-Schrauben mit Loch
Douilles tournevis avec trou pour empreinte XZN

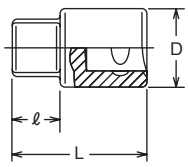


4020-60 (XZN)	☐	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
MH16	1/2"	24	20	60	135	10

4020-60-MH16
Specially designed for oil drain plug on gearbox of AUDI, VW, PORSCHE.

3110M / 3110A

4-point Male Sockets
Öldienst-Steckschlüssel
Douilles mâles 4-pans

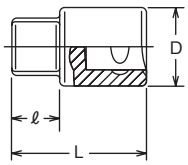


3110M (mm)	☐	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
6	3/8"	18	10	28	30	10
8		18	10	28	30	10
10		18	10	28	33	10
12		18	10	28	37	10

3110A (inch)	☐	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5/16	3/8"	18	10	28	30	10
3/8		18	10	28	33	10
1/2		18	10	28	37	10

4110M / 4110A

4-point Male Sockets
Öldienst-Steckschlüssel, Vierkant
Douilles mâles 4-pans



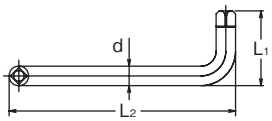
4110M (mm)	☐	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	1/2"	24	10	32	57	10
10		24	10	32	62	10
10.5		24	10	32	64	10
12		24	10	32	64	10
13		24	10	32	66	10
13.5		24	10	32	67	10
19		25	15	37	101	10
20		26	15	37	114	10

4110A (inch)	☐	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3/8	1/2"	24	10	32	62	10
1/2		24	10	32	64	10

158

For Lubrication Service
Schmierdienst-Werkzeuge
Service lubrification-vidange

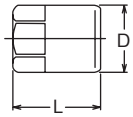
158	L_1 (mm)	L_2 (mm)	d (mm)	(g)	(pce.)
8S×10S	63	230	13	319	1



3012M-25

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux

3012M-25		D (mm)	L (mm)	(g)	(pcs.)
14	3/8"	19	25	30	10
17		19	25	30	10



4202

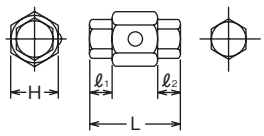
Drain Plug Keys Set
Öldienst-Satz
Jeu d'embouts pour le montage et démontage des bouchons de vidange

4202	7 Pieces Set/=426g
METAL CASE:W190×H59×T45mm	
Sockets	
106 Drain Plug Keys 8S×10S, 8H×3/8H, 10H×11H, 12H×13H, 14H×17H, 19H	
4102 Drain Plug Key Adaptor	

106

4-point / 6-point Male bits
Innenvierkant / Innensechskantsteckschlüssel
Embouts mâles 4-pans / 6-pans

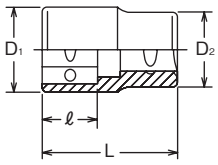
106	H (mm)	ℓ_1 (mm)	ℓ_2 (mm)	L (mm)	(g)	(pcs.)
8S×10S	17	8	8	32	40	10
8H×3/8H	17	8	8	32	38	10
10H×11H	17	8	8	32	42	10
12H×13H	17	8	8	32	47	10
14H×17H	17	8	8	32	55	10
19H	17	-	8	24	49	10



4102

Adaptor for 106 Drain plug key
Halter für Öldienst-Einsätze 106
Porte embouts pour 106

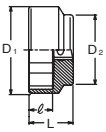
4102		D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
17	1/2"	25	24	16	40	82	10



3400M-24

Extra short 6-point Sockets for Oil-Filter Service
Extra kurze Steckschlüssel für Ölfilter
Douille extra courte pour filtre à huile

	3400M-24		D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	**27**	3/8"	36.5	21.5	13.5	24	76	10
New	**30**		40	25	13.5	24	91	10
New	**32**		42.8	28	13.5	24	108	10
New	**36**		47.2	32	13.5	24	135	10



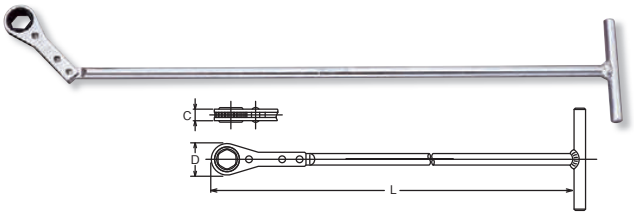
1206

Push and Pull-Ratchet
Hub Knarre
Clé à cliquet de levage

1206	3 Pieces Set/=320g
CARDBOARD BOX	
Sockets	Accessory
150.14H Sockets 12, 14	**154K-14**

154K

Push and Pull-Ratchets
Hub Knarre
Clé à cliquet de levage



154K (mm)	L (mm)	D (mm)	C (mm)	(g)	(pce.)
14	480	24.6	9	280	1

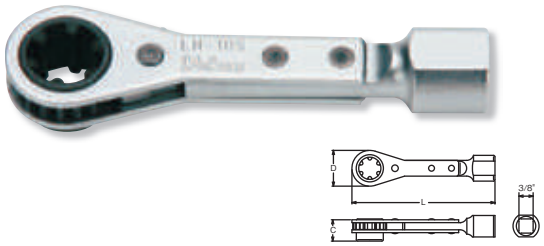
150-14H

Socket, For 154K
Einsätze für 154K
Douilles pour 154K

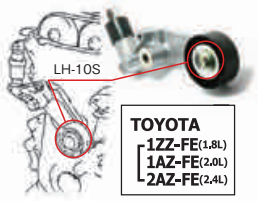
150-14H (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10	16	5	17	16	10
12	17.3	5	18	14	10
14	19.2	7	21	17	10

145LH3/8F

Belt Tension Pulley Wrench
Knarren-Ringschlüssel für Riemen-Spannrolle
Clé multicran à cliquet pour galet-tendeur



145LH3/8F (LH-S)	☐	L (mm)	D (mm)	C (mm)	(g)	(pcs.)
10S	3/8"	100	25	15.5	90	10



Belt Tension Pulley Wrench
For LH-10S bolt on TOYOTA engines 1ZZ (1.8L), 1AZ (2.0L) and 2AZ (2.4L), belt tension pulley.

⚠ This item has less strength due to the special design.

4282

1/2" Sq.Dr. Generator Service Set
1/2" Lichtmaschinen-Service Satz
Jeu 1/2" pour l'entretien des générateurs éléctriques

4282	4 Pieces Set/=449g
PLASTIC BAG	
Sockets	
4020.100-M10 **4020.140-M10**	
4025.100R-T50	
185	

Generator Service Set
For removing and installing belt pulley at the generator.

LHstix® is a registered trademark of **OSG CORPORATION** System Engineering Department.
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1210E

Door Hinge Wrench Set
Montagesatz für Kfz-Türscharniere
Jeux d'outils spéciaux pour charnières de portes

1210E	11 Pieces Set/=460g
PLASTIC BAG	
Sockets	Accessory
179B.12H Sockets 10, 12, 13	**145KD-12**
179B.12H XZN Bits M8, M10, M12	
179B.12H TORX® Bits T40, T45, T50	
179B.12H Hex Bit 8	

3247

Bit Socket Set
Schraubendreher-Steckschlüssel Satz
Jeu de douilles de vissage

3247	4 Pieces Set/=385g
PLASTIC BAG	
Sockets	
3025.160 Tamper-resistant TORX® Bit Sockets T27H, T30H, T40H, T50H	

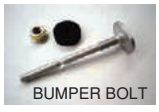
For Air Bag
For air-bag unit in hard to reach places in or around the steering wheel.

Tamper Resistant TORX® Bit Sockets have less strength.

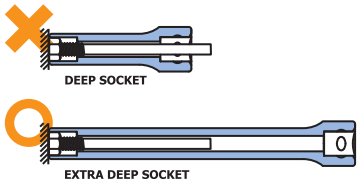
3300M/4-L120

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3300M/4-L120	4 Pieces Set/=477g
PLASTIC BAG	
Sockets	
3300M(L120) 6-pt. Extra Deep Sockets 8, 10, 12, 14	



Extra Deep Socket
Extra deep socket can be used to fasten or loosen longer bolts such as Bumper bolt and Door hinge etc.

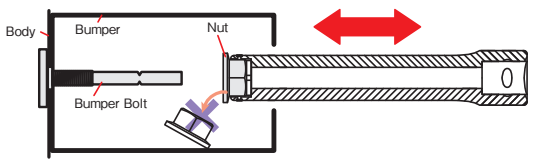


3350M/2-L120

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3350M/2-L120	2 Pieces Set/=230g
PLASTIC BAG	
Sockets	
3350M(L120) Nut Grip Extra Deep Sockets 10, 12	

Nut Grip Extra Deep Socket



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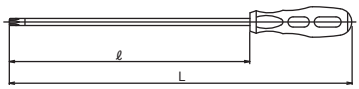
168T (250)

Extra long shank Screwdrivers
Extra lange Schraubendreher
Tournevis extra longs



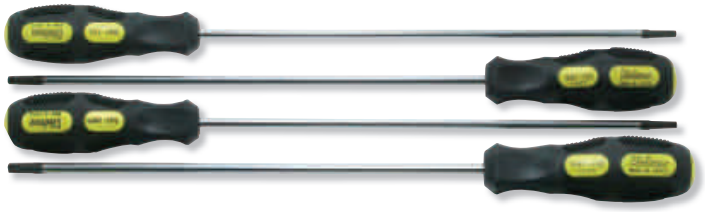
Long shank Screw Screwdriver

168T(250) (PR)	ℓ (mm)	L (mm)	(g)	(pce.)
20PR	250	350	85	1

168T(250) (T)	ℓ (mm)	L (mm)	(g)	(pce.)
T20	250	350	85	1
T25	250	350	85	1
T30	250	360	120	1

1212

Long shank Screwdriver 4 pieces set
Extra lange Schraubendreher 4teiliger Satz
Tournevis longs. Jeu de 4 pièces



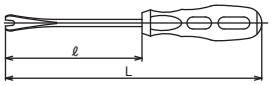
1212	4 Pieces Set/=380g
PLASTIC BAG	
Screwdrivers	
168T(250) 20PR	
168T(250) T20, T25, T30	

169/2

Door Trim Pad Tool
Demontagehebel für Türclips
Levier pour le démontage des garnitures de portes

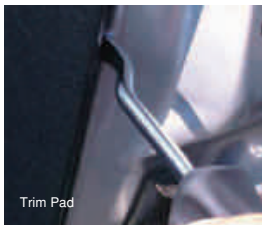
169

Door Trim Pad Tool, 2 pieces set
Demontagehebel für Türclips, Satz 2-teiling
Jeu, levier pour le démontage des garnitures de portes



169/2	2 Pieces Set/=200g
PLASTIC BAG	
Clip Handles	
169 6, 10	

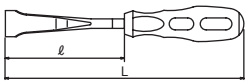
169	ℓ (mm)	L (mm)	(g)	(pcs.)
6	115	215	80	2
10	120	230	110	2



Clip Handle

169WM

Window Molding Remover
Zum Lösen von Fenstergummis
Pour le démontage des joints de vitres



	ℓ (mm)	L (mm)	(g)	(pcs.)
169WM	100	210	90	2

Window Molding Remover

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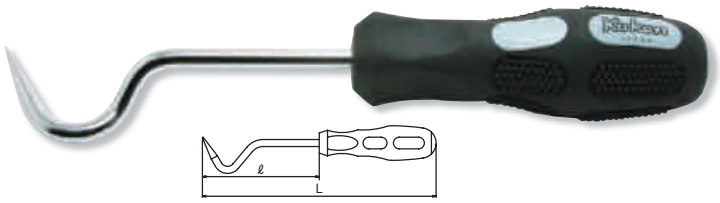
169HR

Hose Remover
Zum lösen von Schläuchen
Pour le démontage des tuyaux



169HR	ℓ (mm)	L (mm)	(g)	(pcs.)
A	100	200	75	2

Hose Remover

169BP

For Battery Screws
Für Batterie-Verschlussstopfen
Pour vis de batterie

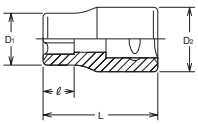
169BP	T×W (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1.8×13	1.8×13	50	150	60	2

For Battery screw

Quick Fastener

4425-N

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



4425 (E)	☐	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E10N	1/2"	13.2	21	8.2	36	47	10
E12N		14.6	21	9.3	37	48	10
E14N		16.5	21	10.6	37	50	10
E16N		19	22	11.8	37	60	10
E18N		20.3	22	13	37	60	10
E20N		22.8	22	14.4	37	65	10

RS4425/6-N

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4425/6-N	6 Pieces Set/Rail 200mm	(g)
E10N, E12N, E14N, E16N, E18N, E20N		370

Engine type : QR/MR
Flywheel bolt for NISSAN : E20N

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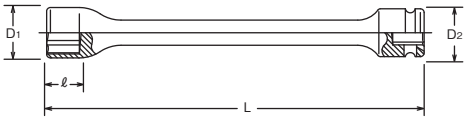
13145A-150
14145A-150

Extra Long Socket
Schaftsteckschlüssel
Douilles, série allongée

thin



13145A-150 (inch)	⊿	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	(pce.)	⏀
9/16(D20)	3/8"	20	19	13	150	130	1	*1

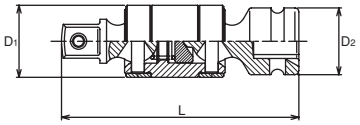
*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P238-239

14145A-150 (inch)	⊿	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	(pce.)	⏀
9/16(D20)	1/2"	20	25	13	150	200	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P238-239
For Land Rover Prop Shaft

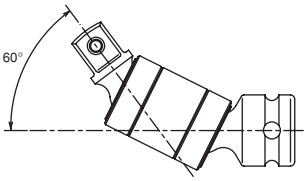
13772-P
14772-P

Universal Double Joint
Doppelgelenk-Einsatz
Cardan universel double



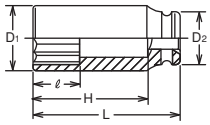
	⊿	D1 (mm)	D2 (mm)	L (mm)	⚖ (g)	(pcs.)	⏀
13772-P	3/8"	22	19	75	120	5	*1
14772-P	1/2"	27	25	90	230	1	*2

*1 C-Ring=1301C,Pin/O-Ring=1301A/B
*2 C-Ring=1401C,Pin/O-Ring=1401A/B ➡P238-239



14305M

12-point Deep Sockets
12-kant Steckschlüssel,lang
Douilles longues 12-pans

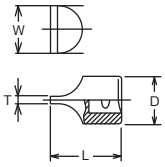


14305M (mm)	⊿	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)	◇ (pcs.)	⏀
30	1/2"	42	30	30	63	85	457	10	*2
32		44.5	30	32	63	85	542	10	*2
36		49.5	30	36	61	85	635	2	*2

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

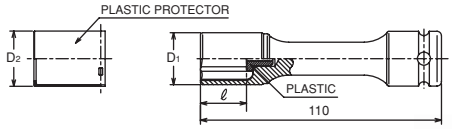
4101 / 6101

Sockets for Slotted Heads
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente



4101	⊿	TxW (mm)	D (mm)	L (mm)	⚖ (g)	◇ (pcs.)
1	1/2"	2.7×18.6	22	40	59	10
2		3.7×24	24	40	79	10
3		3.7×30	30	40	128	10

	⊿	TxW (mm)	D (mm)	L (mm)	⚖ (g)	◇ (pcs.)
6101	3/4"	6.4×33.5	35	50	205	10



14201M 3 Pieces Set/⚖=690g
CARDBOARD BOX:W125×H95×T34mm

Sockets

14145PM.110 Impact Wheel Nut Sockets
17, 19, 21

14145PM-110 (mm)	□	D1 (mm)	D2 (mm)	ℓ (mm)	Shaft Color	⚖ (g)	(pcs.)	
17	1/2"	23.7	25.2	21		208	5	*1
19		25.7	27.2	23		219	5	*1
21		27.5	29	25		226	5	*1
22		29	30.5	26		238	5	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P238-239

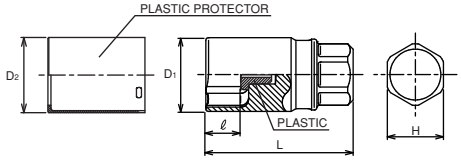
PLASTIC PROTECTOR
KUNSTSTOFF HÜLSE
PROTECTION EN PLASTIQUE

A detachable plastic protector is fi tted to the socket to prevent damage to the wheel when working in tight areas.
The socket size and Ko-ken mark printed on the shaft makes it easier to see if the socket is still rotating or stopped.

Zum Schutz empfi ndlicher Leichtmetallfelgen ist eine drehbare und abnehmbare Kunststoff Hülse an dem Steckschlüssel montiert. Die aufgedruckten Markierungen am Werkzeugschaft zeigen außerdem ob das Werkzeug steht oder rotiert.

La douille est pourvue d'un insert en plastique détachable. Il sert à prévenir tout dommage aux jantes lors de l'utilisation des douilles.
Le marquage sur la tige rend l'identifi cation des douilles très facile.

198-17 : Spare Plastic Protector for 14145PM.110-17 : **10 pcs.**
198-19 : Spare Plastic Protector for 14145PM.110-19 : **10 pcs.** 280PM-19
198-21 : Spare Plastic Protector for 14145PM.110-21 : **10 pcs.** 280PM-21
198-22 : Spare Plastic Protector for 14145PM.110-22 : **10 pcs.**



	280PM (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	H (mm)	Shaft Color	⚖ (g)	(pcs.)
New	**19**	25.7	27.2	13	52	19		150	5
New	**21**	27.5	29	13	55	21		180	5

Designed for Low Profile Wheel nut socket.
Detachable plastic protector is fitted to the adaptor to prevent damage to painted or surface treatment area on the wheel.
The Plastic insert locate inside of the adaptor helps prevent damage to wheel nut.
Colour coded band make size identification easy.

Die abnehmbare Kunststoffhülse schützt die Felge vor Kratzern oder Schrammen an der empfindlichen Oberfläche.
Der Kunststoffanschlag im inneren des Werkzeugs schützt zusätzlich die Radmutter.
Die Farbmarkierung macht die Identifikation des Werkzeugs einfach.

La protection plastifiée amovible, protège la jante et évite des endommagements sur des surfaces délicates.
Le plastic inséré à l'intérieur de l'outil protège également l' écrou de roue.
L'identification de l'outil est simplifiée par le marquage en couleur.

14201M
14145PM-110

Wheel Nut Sockets
Radmuttern Steckschlüssel
Douilles pour écrous de roue

Wheel Nut Sockets Set
Radmuttern Steckschlüssel im Satz
Douilles pour écrous de roue

EXTRA THIN WALL
EXTRA DÜNNWANDIG
PAROIS EXTRA MINCES

Special design for wheel nut work.
-110mm length gives socket extra reach for nuts recessed deep inside the wheel and ideal for Aluminum wheel nuts where access to nut is very tight.
-Blue(17mm), Red(19mm), Yellow(21mm) and White(22mm) colour coded shafts make size identifi cation easy.
-Plastic insert helps prevent damaged to wheel nut.

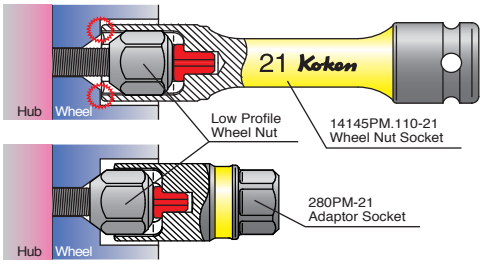
Speziell entwickelt für die Montage von Radmuttern
- Die Länge von 110mm erlaubt es mit diesem Steckschlüssel auch extra tiefe Radmuttern zu erreichen.
- Dieser Steckschlü ssel ist ideal für Radmuttern von Aluminiumfelgen, da gerade dort der Platz zwischen Schraube und Felge äußerst gering ist.
- Durch die farbige Markierung; blau(17mm), Rot(19mm), Gelb(21mm) und Weiß(22mm) wird die Erkennung des passenden Werkzeugs erleichtert.
- Der Plastikanschlag schont die Radmutter vor Beschädigungen.

Douilles spécialement conçues pour les écrous de roue :
- La longueur de 110mm permet d'atteindre les écrous enfoncés profondément.
- Idéales pour les écrous des jantes en aluminium où le passage est souvent étroit
- Les corps de couleurs différentes facilitent l'identifi cation : bleu (17mm), rouge (19mm), jaune (21mm) et blanc (22mm)
- Les inserts en plastique évitent de détériorer les jantes.

Please note that thin walled design is only for wheel nut work and Torque rating is limited.

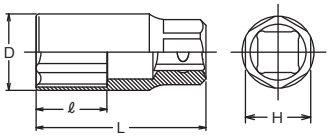
280PM

Adaptor Socket for Low Profile Wheel Nut
Adapter Steckschlüssel für kurze Radmuttern
Adapteur pour des écrous de roue courts

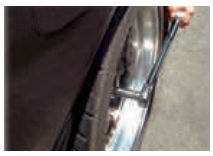


4300M (L60)

Wheel Nut Sockets (Long)
Radmuttern-Steckschlüssel, extra lang
Douilles extra longues pour écrous de roue



4300M(L60) (mm)	⬚	D (mm)	ℓ (mm)	L (mm)	H (mm)	⚖ (g)	◈ (pcs.)
17	1/2"	23.6	25	60	21	98	10
19		25.1	25	60	21	100	10
21		27.1	25	60	21	102	10

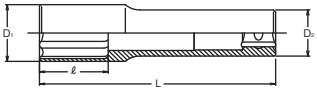


Wheel Nut Sockets

Please note that thin walled design is only for wheel nut work and Torque rating is limited.

4300M (L110)

Wheel Nut Sockets (Long)
Radmuttern-Steckschlüssel, extra lang
Douilles extra longues pour écrous de roue

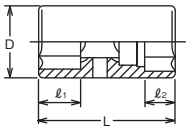


4300M(L110) (mm)	⬚	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◈ (pcs.)
17	1/2"	23	22	32	110	155	5
19		25.8	22	32	110	170	5
21		26.8	22	32	110	165	5

Please note that thin walled design is only for wheel nut work and Torque rating is limited.

14118M

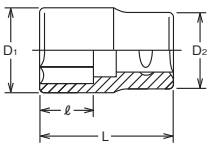
Wheel Nut Sockets, Double Ended
Radmuttern Steckschlüssel, doppelseitig
Douilles pour écrous de roue á ouvertures doubles



14118M (mm)	⬚	D (mm)	ℓ1 (mm)	ℓ2 (mm)	L (mm)	⚖ (g)	◈ (pcs.)
17×19	1/2"	28	15.5	13	48	150	10
19×21		31	17.5	13	57	177	10
19×22		31	17.5	15	57	187	10

AL4400M

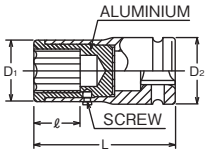
Aluminium Sockets for Wheel Nuts
Aluminium Steckschlüssel für Radmuttern
Douilles en aluminium, pour écrous de roue



AL4400M (mm)	⬚	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◈ (pcs.)
17	1/2"	29.5	27	21	43	52	10
19		31	29	24	45	58	10

AR14300

Impact Sockets with exchangeable Aluminium Inlets
Impact Steckschlüssel mit auswechselbarem Aluminium Einsatz
Douilles Impact avec cartouche en aluminium remplaçable

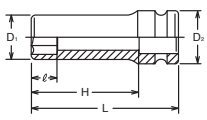


AR14300 (mm)	⬚	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◈ (pcs.)	◐
17	1/2"	28	30	21	65	220	10	*1
19		30	30	24	65	223	10	*1
21		33	30	25	65	237	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

AN14300

Impact Sockets, Aluminium alloyed, for aluminium wheel nuts
Aluminium-legierte Impact Steckschlüssel für Aluminium Radmuttern
Douilles Impact en aluminium pour écrous de roue aluminium



AN14300 (mm)	⬚	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)	◈ (pcs.)	◐
17	1/2"	25.7	30	17	62	80	85	10	*1
19		28.2	30	19	61	80	89	10	*1
21		30.7	30	21	61	80	93	10	*1

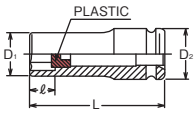
*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

14113J

Impact Sockets with Plastic Stops for Hub Cap Screws
Impact Steckschlüssel mit Plastik-Anschlag für Zier-Radmuttern
Douilles Impact avec arrêt en plastique, pour écrous de roue décoratifs

14113J (mm)		D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	1/2"	25.7	30	14	80	251	10	*1
19		28.2	30	16	80	286	10	*1
21		30.7	30	20	80	309	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239

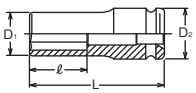


14113M

For Hub Cap Screws
Für Zier-Radmuttern
Pour écrous de roue décoratifs

14113M (mm)		D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	1/2"	25.7	30	34	80	230	10	*1
19		28.2	30	38	80	262	10	*1
21		30.7	30	42	80	285	10	*1

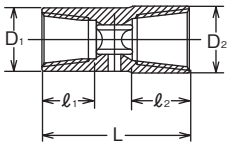
*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239



14124

Lock Nut Busters (Double Ended)
Felgenschloss-Knacker, doppelseitig
Douilles taraudées à ouvertures doubles pour dévisser les écrous ou goujons de roue antivols.

14124 (mm)		D1 (mm)	D2 (mm)	ℓ1 (mm)	ℓ2 (mm)	L (mm)	(g)	(pcs.)
21×24.5	1/2"	28	29.5	24	25	65	157	10
26×27.5		31.5	35	24.5	24.5	65	197	10



14124/3

Lock Nut Busters (Double Ended) in Set
Felgenschloss-Knacker, doppelseitig im Satz
Jeu de douilles taraudées à ouvertures doubles pour dévisser les écrous ou goujons de roue antivols.

14124/3 — 3 Pieces Set/⚖=580g
CARDBOARD BOX:W125×H91×T43mm

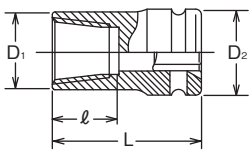
Sockets	Accessory	
14124 21×24.5 26×27.5		**14760-75B**

14124

Lock Nut Busters
Felgenschloss-Knacker
Douilles taraudées pour dévisser les écrous ou goujons de roue antivols.

14124 (mm)		D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	1/2"	20.5	25	15	50	83	10	*1
18		21	25	15	50	83	10	*1
18.5		23	25	15	50	95	10	*1
19		25	30	20.5	50	140	10	*2
21		28	30	20.5	50	153	10	*2
24.5		29.5	30	23	50	138	10	*2
26		31.5	30	23	50	147	10	*2
27.5		35	30	23	50	181	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P238-239



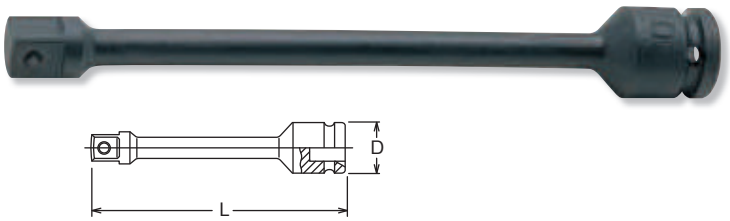
RS14124/7

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS14124/7	7 Pieces Set/Rail 250mm	(g)
	18, 18.5, 19, 21, 24.5, 26, 27.5	980

14112-P

Torsion Extension Bars (for tightening only)
Torsionsstab-Verlängerungen (nur zum Anziehen)
Barres de torsion (pour serrage seulement)

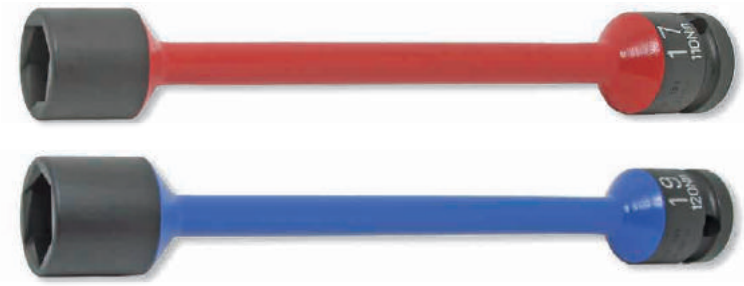


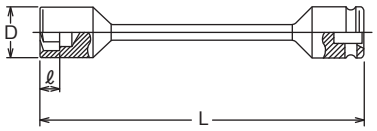
14112-P (Nm)	D (mm)	L (mm)	(g)	(pce.)	
90Nm	25	208	206	1	*1
95Nm	25	202	200	1	*1
100Nm	25	196	198	1	*1
110Nm	25	213	220	1	*1
120Nm	25	201	219	1	*1
130Nm	25	205	225	1	*1
140Nm	25	205	230	1	*1
150Nm	25	195	250	1	*1
170Nm	25	195	257	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➔P238-239

14101MP

Torsion Bars (for tightening only)
Torsionsstäbe (nur zum Anziehen)
Barres de torsion (pour serrage seulement)





14101MP (mm×Nm)	D (mm)	ℓ (mm)	L (mm)	Shaft Color	(pcs.)	
17× 95Nm	25.7	12	214		10	*1
17×110Nm	25.7	12	204		10	*1
17×120Nm	25.7	12	200		10	*1
19× 90Nm	28.2	13	259		10	*1
19×100Nm	28.2	13	233		10	*1
19×120Nm	28.2	13	203		10	*1
19×140Nm	28.2	13	199		10	*1
21×100Nm	30.7	14	214		10	*1
21×120Nm	30.7	14	203		10	*1
22×150Nm	30.7	14	220		10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➔P238-239

As the torque could vary with the type and the condition of the impact wrench, we strongly recommend the control with a torque wrench.

Da die Drehmomentwerte von Art und Leistung des verwendeten Schlagschraubers abhängen, empfehlen wir die Kontrolle der Kombination Schlagschrauber/ Torsionsstab mittels eines Drehmomentschlüssels.

Etant donné que le couple peut varier selon modèle, la capacité ou l'état de la clé à choc, le contrôle de la combinaison clé à choc/barre par clé dynamométrique est indispensable.

14101MP-M/8

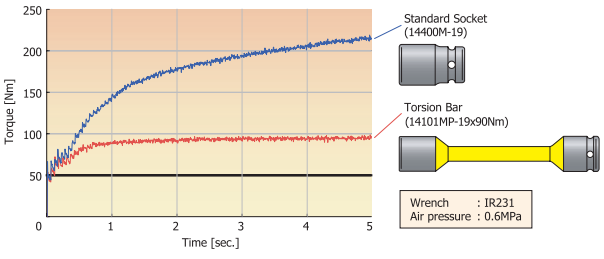
Metal-Wall-Hanger for Workshops
Werkstatt-Wandhänger (Metall)
Support métallique d'atelier

14101MP-M/8	8 Pieces Set/⚖=2,300g
HANGER	
Torsion Bar	
14101MP Impact Torsion Bars 17×95Nm, 17×110Nm, 17×120Nm, 19×90Nm, 19×100Nm, 19×120Nm, 19×140Nm, 21×100Nm	

Torsion Bars
- Designed for tightening wheel nuts with an impact wrench.
- Prevent the excessive torque road.
- Color coded shafts make size identification easy.

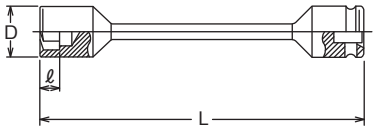
Torsionsstäbe
- Zur Montage von Radmuttern mit dem Schlagschrauber.
- Schützt die Radmutter vor zu hohen Anzugsmomenten.
- Die Farbmarkierung erleichtert das Erkennen des passenden Werkzeugs.

Barres de torsion
- Pour le montage d'écrous de roue avec visseuse à chocs.
- Protège l'écroue d'un serrage à couple excessif.
- La colorisation des barres facilite l'identification des tailles.



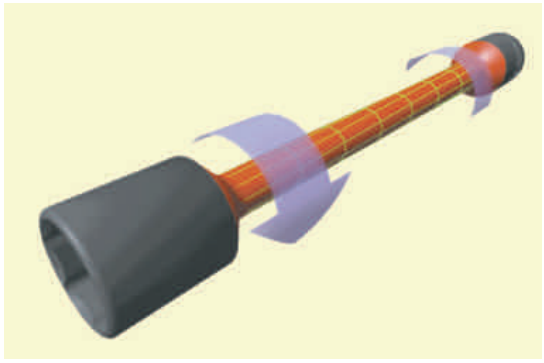
14101M

Torsion Bars (for tightening only)
Torsionsstäbe (nur zum Anziehen)
Barres de torsion (pour serrage seulement)



14101M (mm×Nm)		D (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
14× 95Nm	1/2"	22	11	208	230	1	*1
15×110Nm		23.2	11	201	230	1	*1
17× 60Nm		25.7	12	216	227	1	*1
17× 75Nm		25.7	12	228	240	1	*1
17× 95Nm		25.7	12	214	256	1	*1
17×110Nm		25.7	12	204	285	1	*1
17×120Nm		25.7	12	200	284	1	*1
19× 60Nm		28.2	13	219	237	1	*1
19× 90Nm		28.2	13	259	275	1	*1
19×110Nm		28.2	13	214	278	1	*1
19×120Nm		28.2	13	203	297	1	*1
19×135Nm		28.2	13	206	339	1	*1
19×170Nm		28.2	13	190	332	1	*1
21×100Nm		30.7	14	214	288	1	*1
21×120Nm		30.7	14	203	288	1	*1
22×160Nm		32	15	209	385	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P238-239



As the torque could vary with the type and the condition of the impact wrench, we strongly recommend the control with a torque wrench.

Da die Drehmomentwerte von Art und Leistung des verwendeten Schlagschraubers abhängen, empfehlen wir die Kontrolle der Kombination Schlagschrauber/ Torsionsstab mittels eines Drehmomentschlüssels.

Etant donné que le couple peut varier selon modèle, la capacité ou l'état de la clé à choc, le contrôle de la combinaison clé à choc/barre par clé dynamométrique est indispensable.

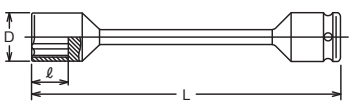
How to use Torsion Bar:
1. Use with a 1/2" Sq. Dr. Pneumatic impact wrench.
2. Set air pressure 0.6MPa, and set impact wrench dial Medium range.
3. Chose a suitable Torsion bar according to wheel nut size and indicated tightening torque.
4. Attach the torsion bar to impact wrench and apply load.
5. Check the actual tightening torque value with torque wrench.
6. Adjust air pressure or torque value according to the results of check 5.
7. Tight other wheel nut in diagonal order.

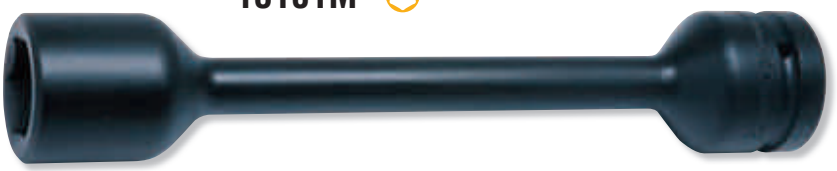
Anwendung der Torsionsstäbe:
1. Verwendung mit Druckluft-Schlagschraubern mit 1/2" Anschlussvierkant.
2. Stellen Sie den Druck auf 6 Bar ein, und wählen Sie die mittlere Einstellung am Schlagschrauber.
3. Wählen Sie den passenden Torsionsstab (Kombination aus Schlüsselweite der Radschraube und Drehmoment) aus, und befestigen ihn am Gerät.
4. Ziehen Sie nun die Radmutter an, bis sich der Torsionsstab nicht weiter dreht.
5. Überprüfen Sie das Anzugsmoment mit dem Drehmomentschlüssel.
6. Passen Sie den Luftdruck bzw. die Einstellung am Schrauber dem Resultat der Drehmomentüberprüfung (Punkt 5.) an.
7. Ziehen Sie nun alle Radschrauben diagonal an.

Conseils d´utilisation:
1. A utiliser avec une visseuse à chocs pneumatique en carré entraînant 1/2".
2. Choisissez comme pression d'air 0.6HPa et ensuite la position moyenne de la visseuse.
3. Prenez une barre de torsion correspondant à l'ouverture du 6-pans de la vis ainsi qu'au couple nécessaire.
4. Serrez la vis jusqu'à l'arrêt de la barre de torsion.
5. Contrôlez le couple avec une clé dynamométrique.
6. Ajustez pression et/ou couple selon le résultat du contrôle sous 5.
7. Serrez toutes les vis en diagonale.

16101M
18101M

Torsion Bars (for tightening only)
Torsionsstäbe (nur zum Anziehen)
Barres de torsion (pour serrage seulement)





16101M (mm×Nm)		D (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
24×180Nm	3/4"	38.8	24	235	850	1	*1
27×450Nm		42.5	27	280	1236	1	*1
32×600Nm		48.8	32	280	1370	1	*1
33×600Nm		50	33	280	1370	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

As the torque could vary with the type and the condition of the impact wrench, we strongly recommend the control with a torque wrench.

Da die Drehmomentwerte von Art und Leistung des verwendeten Schlagschraubers abhängen, empfehlen wir die Kontrolle der Kombination Schlagschrauber/ Torsionsstab mittels eines Drehmomentschlüssels.

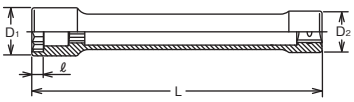
Etant donné que le couple peut varier selon modèle, la capacité ou l'état de la clé à choc, le contrôle de la combinaison clé à choc/barre par clé dynamométrique est indispensable.

18101M (mm×Nm)		D (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
24×350Nm	1"	43.5	24	300	1380	1	*1
27×350Nm		47	27	300	1401	1	*1
27×450Nm		47	27	300	1579	1	*1
30×500Nm		51	30	300	1563	1	*1
32×450Nm		53.5	32	300	1600	1	*1
32×550Nm		53.5	32	300	1602	1	*1
32×600Nm		53.5	32	300	1602	1	*1
32×700Nm		51.5	32	300	1630	1	*1
33×550Nm		55	33	300	1638	1	*1
33×600Nm		55	33	300	1638	1	*1
36×600Nm		58.5	36	300	1718	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

6102M-400
8102M-400

Extra long socket for wheel nuts
Extra lange Steckschlüssel für Radmuttern
Douilles extra-longues pour écrous de roue



6102M-400 (mm)	◻	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)
41Wx21W	3/4"	58	40	14	400	1880	1
32		48.5	40	32	400	1480	1
33		49.8	40	32	400	1500	1

8102M-400 (mm)	◻	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)
41Wx21W	1"	58	49.9	14	400	2610	1
32		48.5	49.9	32	400	2210	1
33		49.8	49.9	32	400	2220	1

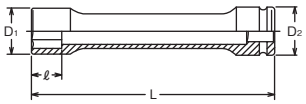
⚠ 6102M/8102M are for hand use only. Do not use with a poweror impact wrench.

Extra long Socket for wheel nut

Combination type.
41Wx21W

16102M-270/-400
18102M-270/-400

Extra long Sockets for wheel Nuts
Extra lange Steckschlüssel für Radmuttern
Douilles extra-longues pour écrous de roue



16102M-270 (mm)	◻	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
24	3/4"	38.8	44	24	270	1034	1	*1
27		42.5	44	27	270	1088	1	*1
30		46.3	44	30	270	1144	1	*1
32		48.8	44	32	270	1157	1	*1
33		50	44	32	270	1200	1	*1
36		53.8	44	32	270	1250	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

16102M-400 (mm)	◻	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
24	3/4"	38.8	44	24	400	1430	1	*1
27		42.5	44	27	400	1460	1	*1
30		46.3	44	30	400	1510	1	*1
32		48.8	44	32	400	1530	1	*1
33		50	44	32	400	1530	1	*1
36		53.8	44	32	400	2180	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

18102M-270 (mm)	◻	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
23	1"	37.3	54	23	270	1627	1	*1
24		38.5	54	24	270	1628	1	*1
26		41	54	26	270	1667	1	*1
27		42.3	54	27	270	1680	1	*1
29		44.8	54	29	270	1680	1	*1
30		46	54	30	270	1680	1	*1
32		48.5	54	32	270	1680	1	*1
33		49.8	54	32	270	1700	1	*1
34		51	54	32	270	1750	1	*1
36		53.5	54	32	270	1750	1	*1
38		56	54	32	270	1822	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

18102M-400 (mm)	◻	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
23	1"	37.3	54	23	400	1865	1	*1
24		38.5	54	24	400	1869	1	*1
26		41	54	26	400	1925	1	*1
27		42.3	54	27	400	2272	1	*1
29		44.8	54	29	400	2278	1	*1
30		46	54	30	400	2266	1	*1
32		48.5	54	32	400	2322	1	*1
33		49.8	54	32	400	2320	1	*1
34		51	54	32	400	2341	1	*1
36		53.5	54	32	400	2442	1	*1
38		56	54	32	400	2550	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

PW6 / PW8

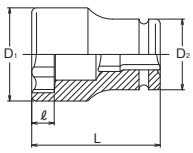
Rear Wheel Nut Sockets
Steckschlüssel für Hinterradmuttern
Douilles spéciales pour écrous de roué arrière

PW6 (mm×mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
32×17	3/4"	47	44	12	75	633	2	*1
35×17		50	44	13	75	673	2	*1
38×20		55	44	14	75	708	2	*1
41×19		58	44	14	80	840	2	*1
41×20		58	44	14	80	840	2	*1
41×21		58	44	14	80	831	2	*1

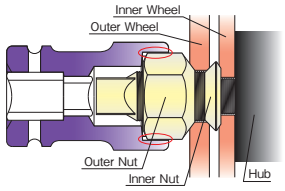
*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

PW8 (mm×mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
35×17	1"	50	54	13	83	935	2	*1
38×20		55	54	14	83	1038	2	*1
41×19		58	54	14	87	1100	2	*1
41×20		58	54	14	87	1096	2	*1
41×21		58	54	14	87	1089	2	*1

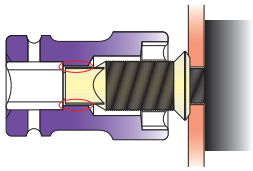
*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239



Tightening / Loosening Outer Nut



Tightening / Loosening Inner Nut



SIZE	VEHICLE	
32 × 17	TOYOTA	(～2t)
35 × 17	NISSAN MITSUBISHI MAZDA ISUZU	(～3t) (～1t) (～2t) (～3.5t)
38 × 20	MITSUBISHI	(2～3.5t)

SIZE	VEHICLE	
41 × 19	MAZDA	(3～4t)
41 × 20	TOYOTA DAIHATSU HINO	(2t～) (2～3.5t) (2～3.5t)
41 × 21	NISSAN MITSUBISHI ISUZU HINO	(4t～) (2t～) (4t～) (4t～)

PW8P/4
PW8P

Socket set of Rear Wheel Nut Sockets
Steckschlüssel für Hinterradmuttern, im Satz
Jeu de douilles spéciales pour écrous de roué arrière

PW8P/4 — 4 Pieces Set/⚖=4,250g
CARDBOARD BOX:W240×H95×T70mm

Sockets

PW8P Impact Rear Wheel Nut Sockets
35×17, 38×20, 41×19, 41×21

PW8P (mm×mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	Shaft Color	(pcs.)	
35×17	1"	50	54	13	83	935		5	*1
38×20		55	54	14	83	1038		5	*1
41×19		58	54	14	87	1100		5	*1
41×21		58	54	14	87	1089		5	*1

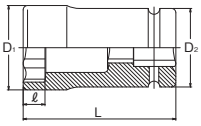
*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

PW8L

Rear Wheel Nut Socket (long)
Steckschlüssel für Hinterradmuttern, lang
Douilles spéciales pour écrous de roué arrière longue

PW8L (mm×mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
41×21	1"	58	54	15	105	1263	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239



PW6 / PW8

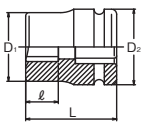
Rear Wheel Nut Sockets
Steckschlüssel für Hinterradmuttern
Douilles spéciales pour écrous de roué arrière

PW6 (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	3/4"	40	44	19	53	433	5	*1
19		40	44	19	53	419	5	*1
20		44	44	21	55	483	5	*1
21		44	44	23	57	491	5	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

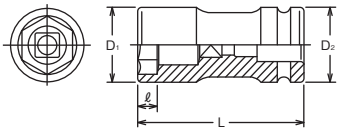
PW8 (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	1"	40	54	19	60	621	2	*1
19		43	54	19	60	648	2	*1
20		45	54	21	62	687	2	*1
21		45	54	23	64	696	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239



16316M / 16316A
18316M / 18316A

Rear Wheel Nut Sockets
Steckschlüssel für Hinterradmuttern
Douilles spéciales pour écrous de roué arrière



16316M (mm×mm)	◹	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
35×17	3/4"	52	44	10	90	865	1	*1
38×20		56	44	13	100	952	1	*1
41×19		59	44	12	100	1037	1	*1
41×21		59	44	15	100	963	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

16316A (inch×inch)	◹	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
1.1/2x13/16	3/4"	56	44	13	100	940	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

18316M (mm×mm)	◹	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
35×17	1"	52	54	10	108	1153	1	*1
38×20		56	54	13	108	1133	1	*1
41×19		59	54	12	108	1200	1	*1
41×21		59	54	15	108	1155	1	*1

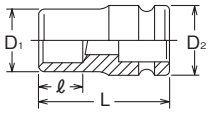
*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

18316A (inch×inch)	◹	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
1.1/2x13/16	1"	59	54	13	108	1120	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

16317M / 16317A
18317M / 18317A

Rear Wheel Nut Sockets
Steckschlüssel für Hinterradmuttern
Douilles spéciales pour écrous de roué arrière



16317M (mm)	◹	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
17	3/4"	40	44	22.5	67	485	1	*1
19		40	44	22.5	67	462	1	*1
20		44	44	22.5	67	517	1	*1
21		44	44	22.5	67	489	1	*1
22		44	44	22.5	67	482	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

16317A (inch)	◹	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
13/16	3/4"	44	44	22.5	67	489	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P238-239

18317M (mm)	◹	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
17	1"	40	54	22.5	72	682	1	*1
17.5		40	54	22.5	72	677	1	*1
19		43	54	22.5	72	705	1	*1
20		45	54	22.5	72	723	1	*1
20.5		45	54	22.5	72	723	1	*1
21		45	54	22.5	72	703	1	*1
22		45	54	22.5	72	696	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

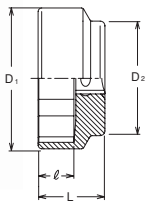
18317A (inch)	◹	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
13/16	1"	45	54	22.5	72	703	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P238-239

MOTORCYCLE TOOLS
MOTORRAD WERKZEUGE
OUTILLAGE MOTO

4400M (DU)

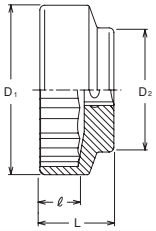
6 point Socket, extra short for Motorcycle central chain-wheel screws
6 kant Steckschlüssel, extra kurz für Motorrad Kettenrad-Zentralmuttern
Douille 6-pans, extra-court, pour moto, pour roue d'entrâinement écrou-central



4400M (DU)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
41	1/2"	53	45	15	28	239	5
46		59	48	15	28	279	5

4405M (DU)

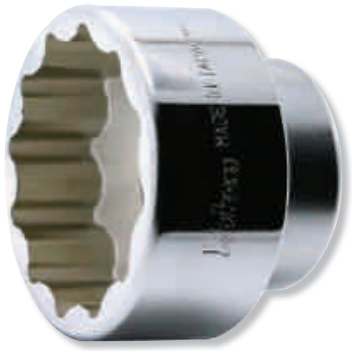
12 point Socket, extra short for motorcycle rear-axle screws
12 kant Steckschlüssel, extra kurz, für Motorrad-Hinterradmuttern
Douille 12-pans, extra-court, pour moto, pour écrou roue-arrière

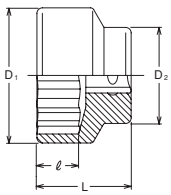


4405M (DU)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New 36	1/2"	47.3	41	15	28	200	5
55		71	52	16	31	410	5

6405A (MV)

12 point Socket, extra short for motorcycle rear-axle screws
12 kant Steckschlüssel, extra kurz, für Motorrad-Hinterradmuttern
Douille 12-pans, extra-court, pour moto, pour écrou roue-arrière

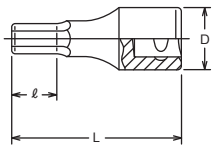




6405A (MV)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
2.3/16MV	3/4"	74.6	53	23	52	790	2

4012M-43

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



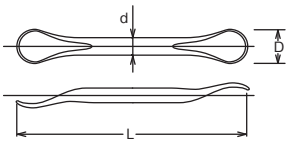
4012M-43 (mm)	☐	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
20	1/2"	26	11.5	43	130	10
21		26	11.5	43	140	10
22		26	11.5	43	145	10
23		28	11.5	43	170	10
24		28	11.5	43	170	10
27		32	11.5	43	226	10

155

Tyre Lever
Reiffen und Montagehebel
Démonte-pneu

155	D (mm)	d (mm)	L (mm)	(g)	(pcs.)
	22	10	170	100	10

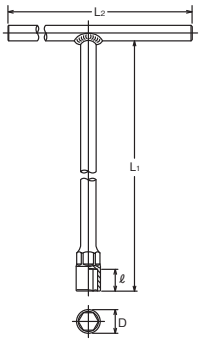
For Motor Cycles
Für Motorräder
Pour motos



104ME

T-Handles, 6-Point
T-Griffe, 6-kant
Poignées en T, 6-pans

104ME (mm)	D (mm)	ℓ (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
6	9.5	8	200	180	150	1
7	11	9	200	180	152	1
8	12	10	250	200	183	1
9	14	12	250	200	188	1
10	14	13	250	200	230	1
11	16	14	250	200	234	1
12	18	15	250	200	355	1
13	18.5	17	250	250	390	1
14	20	18	250	250	399	1
15	21	19	250	250	404	1
16	22.5	21	250	250	419	1
17	24	22	250	250	568	1
18	25	23	250	250	577	1
19	26.5	25	250	250	594	1



157HE

T-Handles, for Inhex Screws
T-Griffe für Innensechskant-Schrauben
Poignées en T, pour vis à 6-pans creux

157PE

T-Handles for Phillips Screws
T-Griffe für Kreuzschlitzschrauben Phillips
Poignées en T, por vis à empreinte Phillips

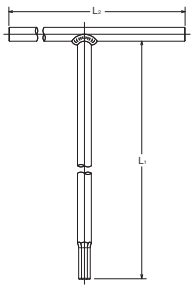
157T

T-Handle for TORX® Screws
T-Griff für TORX®-Schrauben
Poignées en T pour vis à empreinte TORX®

157HE (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
3	250	180	98	1
4	250	180	121	1
5	250	180	158	1
6	250	180	416	1
8	250	180	422	1
10	300	190	440	1
New **12**	320	210	660	1

157PE (PH)	L1 (mm)	L2 (mm)	(g)	(pce.)
2	250	180	95	1
3	250	180	170	1

157T (T)	L1 (mm)	L2 (mm)	(g)	(pce.)
T25	250	180	95	1
T27	250	180	96	1
T30	250	180	167	1
T40	250	180	168	1
T45	250	180	213	1
T50	250	180	215	1



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2263A

1/4" Socket set (Inch)
1/4" Steckschlüsselsatz (Zoll)
1/4" Jeu de clés à douilles (Pouce)

New 2263A — 29 Pieces Set/=940g

METAL CASE:W240×H100×T32mm

Sockets	Accessories
2400A 6-pt. Sockets 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	**2753N**
2000.28 Bit Sockets 1, 2, 3	**2760-100**
2010A.25 Bit Sockets 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16	**2769N-150**
2025.28 Bit Sockets T10, T15, T20, T25, T30	**2770**
	2785

3201AMW

3/8" Socket set (mixed Metric,Inch,Witworth)
3/8" Steckschlüsselsatz (gemischt Metrisch,Zoll,)
Jeu de douilles 3/8" (pouce et métrique)

New 3201AMW — 42 Pieces Set/=4,700g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
3405M 12-pt. Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	**3753N**
3405A 12-pt. Sockets 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8	**3760-75**
3405W 12-pt. Sockets 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2	**3760-125**
	3760-250
	3768N-250
	3769N-160
	3770
	3780
	3785
	3344A

4238AM

1/2" Socket set (mixed Metric,Inch)
1/2" Steckschlüsselsatz (gemischt Metrisch,Zoll)
Jeu de douilles 1/2" (pouce et métrique)

New 4238AM — 38 Pieces Set/=8,050g

METAL CASE:W446×H266×T50mm

Sockets	Accessories
4405M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32	**4753N**
4405A 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4	**4760-125**
4300C Spark Plug Socket 20.8	**4760-250**
	4770
	4780
	4785

4251A

1/2" Socket set (Inch)
1/2" Steckschlüsselsatz (Zoll)
Jeu de douilles (pouce) 1/2"

4251A — 18 Pieces Set/=2,660g

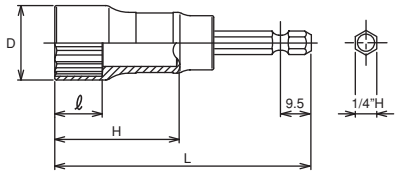
METAL CASE:W330×H68×T48mm

Sockets
4405A 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 19/32, 21/32, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4

TOOLS FOR CONSTRUCTION SITES
WERKZEUGE FÜR DAS BAUGEWERBE
OUTILLAGE POUR L'INDUSTRIE DU BÂTIMENT

BD014SE

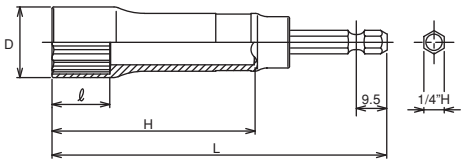
12-point Nut Setters
12-kant Steckschlüsselklingen
Douilles 12-pans à embout



BD014SE (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	12	36	77	35	10
10	14	12	36	77	38	10
12	16.5	14	36	77	48	10
13	17.5	14	36	77	51	10
14	19	14	36	77	54	10
17	22.5	14	36	77	76	10
19	24.5	14	36	77	83	10
21	27	14	34	77	104	10
22	28	14	34	77	120	10
24	30.3	14	34	77	140	10

BD014E

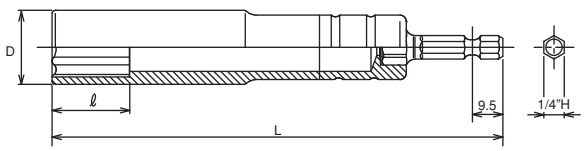
12-point Nut Setters, deep
12-kant Steckschlüsselklingen, lang
Douilles longues, 12-pans à embout



BD014E (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	12	63	104	45	10
10	14	12	63	104	52	10
12	16.5	18	63	104	61	10
13	17.5	18	63	104	65	10
14	19	18	63	104	72	10
17	22.5	18	60	104	80	10
19	24.5	18	60	104	95	10
21	27	18	60	104	110	10
22	28	18	60	104	112	10
24	30.3	18	60	104	123	10

BD014E-140

6-point Nut Setters, extra deep
6-kant Steckschlüsselklingen, extra lang
Douilles extra-longues, 6-pans à embout

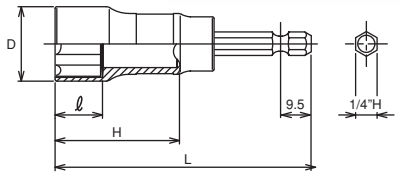


BD014E-140 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
13	19	20	140	120	10
17	24	26	140	190	10

BD014XE-SF

Surface Drive Nut Setters, Semi-Deep
Surface Drive Steckschlüsselklingen, mittel lang
Douilles semi-profondes, Surface Drive

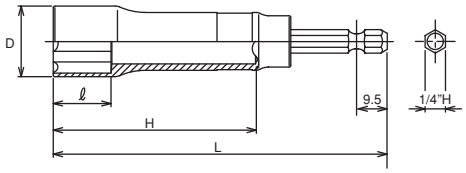
	BD014XE (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**8SF**	13	12	49	90	40	10
New	**10SF**	15	12	49	90	46	10
New	**12SF**	17.5	14	48	90	54	10
New	**13SF**	18.5	14	48	90	58	10
New	**14SF**	19.8	14	47	90	64	10
New	**17SF**	23.5	14	46	90	81	10
New	**19SF**	25.5	14	46	90	100	10
New	**21SF**	28	14	46	90	123	10
New	**24SF**	31.5	14	45	90	137	10



BD014E-SF

Surface Drive Nut Setters, deep
Surface Drive Steckschlüsselklingen, lang
Douilles longues, Surface Drive

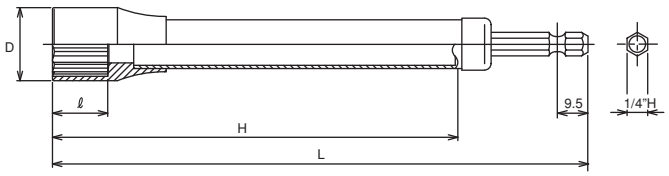
	BD014E (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**17SF**	23.5	18	60	104	94	10
New	**19SF**	25.5	18	60	104	100	10
New	**21SF**	28	18	60	104	110	10



BD008E-165 (12P)

12-point Nut Setter, extra long
12-kant Steckschlüsselklinge, extra lang
Douilles 12-pans à embout, extra longues

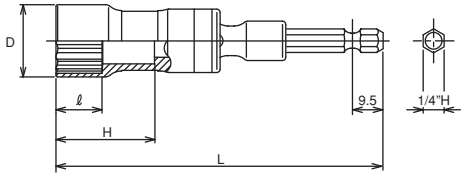
BD008E-165 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
17(12P)	22.5	17	110	165	105	10
19(12P)	24.5	17	110	165	135	10
21(12P)	27	17	110	165	142	10



BD011SE

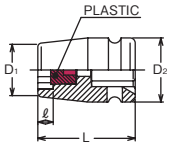
12-point Universal Joint Nut Setters
12-kant Steckschlüsselklingen mit Gelenk
Douilles 12-pans universelles à embout

BD011SE (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
10	14	12	35	100	73	10
12	16.5	12	35	100	77	10
13	17.5	12	35	100	79	10
14	19	12	32	100	82	10
17	22.5	14	32	100	87	10
19	24.5	14	30	100	94	10
21	27	14	30	100	103	10
22	28	14	30	100	104	10



BD14400MJ

6-point Sockets for Anchor Screws
6-kant Steckschlüssel
Douilles 6-pans

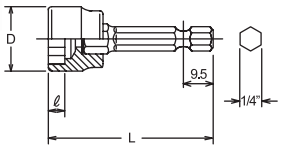


BD14400MJ (mm)	□	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
13	1/2"	20.7	25	5	38	140	10	*1
15		23.2	30	5	38	145	10	*2
16		24.5	30	6.5	38	145	10	*2
17		25.7	30	6.5	38	145	10	*2
19		28.2	30	7.5	38	145	10	*2
21		30.7	30	9	38	185	10	*2
24		34.5	30	10.5	38	190	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P238-239

BD016E

6-point Sockets for Anchor Screws
6-kant Steckschlüssel
Douilles 6-pans

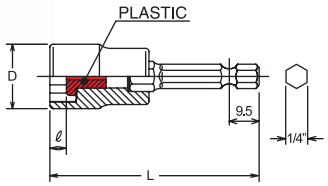


BD016E (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
13	19.5	4	50	43	10
17	24.5	5	50	56	10
19	27	6	50	68	10

DIN 3126 Form E 6.3

BD016JE

6-point Nut Setters with Plastic Stops
6-kant Steckschlüsselklingen mit Plastik-Anschlag
Douilles 6-pans à embout avec arrêt en plastique

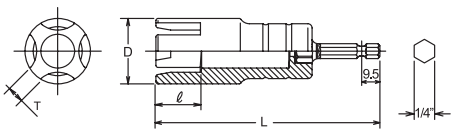


BD016JE (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
13	19.5	5	60	66	10
17	24.5	6.5	60	80	10
19	27	7.5	60	90	10

DIN 3126 Form E 6.3

BD017E

Wing Bolt Socket for Electric Drill
6-kant Steckschlüsselklingen für Flügelschrauben
Douilles 6-pans à embout pour ecrous à oreilles



BD017E	D (mm)	T (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
	31	7.3	21	104	158	10

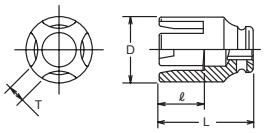
DIN 3126 Form E 6.3

BD018

Wing Bolt Socket
Steckschlüssel für Flügelschrauben
Douilles pour ecrous à oreilles

BD018	□	D (mm)	T (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
	3/8"	31	7.3	21	45	113	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1401A/B ➡P238-239



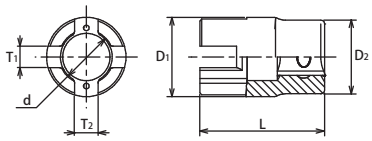
3119

Wing Bolt Socket
Steckschlüssel für Flügelschrauben
Douilles pour ecrous à oreilles

	3119 (mm)	□	T₁×T₂ (mm)	D₁ (mm)	D₂ (mm)	d (mm)	L (mm)	(g)	(pcs.)
New	3 ×5	3/8"	3 ×5	17	17.3	11	30	30	10
New	5.5×6		5.5×6	21	19.5	14	33	45	10

For Wing Bolt
Für Flügelschrauben
Pour ecrous à oreilles

For Drain Plug in Radiator
Für Kühler-Ablasschrauben
Pour le vidange du radiateur



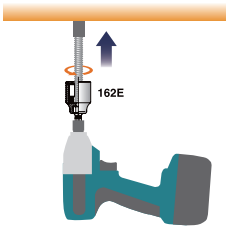
162E

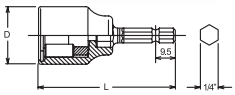
Stud Setters
Stehbolzeneindreher
Monte-goujons

162E (mm)	D (mm)	L (mm)	(g)	(pcs.)
8	23	66	82	10
10	27.9	66	107	10

162E (inch)	D (mm)	L (mm)	(g)	(pcs.)
1/4	23	66	83	10
5/16	23	66	82	10
3/8	27.9	66	107	10
1/2	27.9	66	108	10

⬢ DIN 3126 Form E 6.3

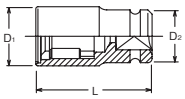




BD004

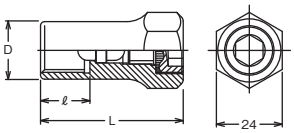
Impact Screw and Stud Setters
Impact Stehbolzeneindreher
Monte goujons, Impact

BD004 (mm)	□	D₁ (mm)	D₂ (mm)	L (mm)	(g)	(pcs.)
12.5×10	1/2"	30	25	70	236	5
12.5×13		38	30	75	388	3
12.5×16		38	30	75	369	3
20 ×19	3/4"	48	44	90	775	3
20 ×22		48	44	90	752	3
20 ×25		62	44	95	1184	2
20 ×29		62	44	95	1148	2



HA001

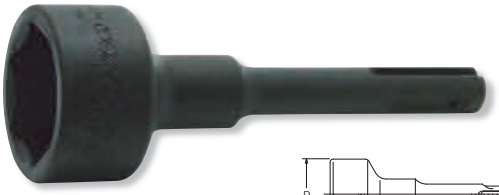
Stud Setters
Stehbolzeneindreher
Monte-goujons

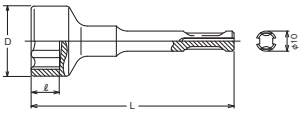


HA001	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10(1.5)	15.5	13	47	90	10
12(1.25)	17.2	15	49	100	10
16(2.0)	21	18	52	125	10
20(2.5)	24.5	21	56	155	10
22(2.5)	26.5	27	61	175	10
24(3.0)	28	28	62	185	10
W3/8	14.8	13	47	90	10
W1/2	17.6	15	49	105	10

HA003

Drive Part
Antriebsteil
Propulseur



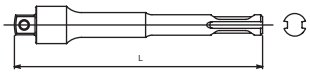


HA003 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
24	34.5	14	100	155	10

Socket for HA001

BD022-120P

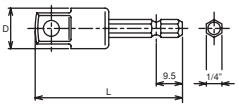
Hammer Drill Adaptor
Adapter für Schlagbohrmaschinen
Adaptateur pour aléseuses



BD022-120P	☐	L (mm)	(g)	(pcs.)
3/8	3/8"	120	100	10
1/2	1/2"	120	160	10

BD023E

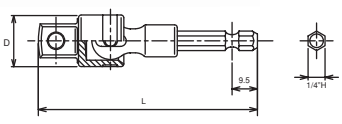
Adaptors
Verbindungsstücke
Adaptateurs



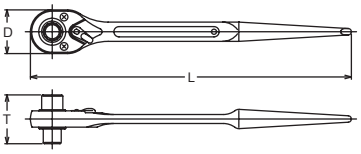
BD023E	☐	D (mm)	L (mm)	(g)	(pcs.)
3/8	3/8"	12.5	55	27	10
1/2	1/2"	16.5	60	48	10

BD024E

Universal Adaptors
Gelenk Adapter
Augmentateur universel



BD024E	☐	D (mm)	L (mm)	(g)	(pcs.)
3/8	3/8"	19.3	78	63	10
1/2	1/2"	19.3	82	73	10



170S

Spud Handle Ratchets, reversible
Doppelseitige Gerüstbauknarre, umstellbar
Cliquets, réversibles, pour assemblage et démontage - échafaudages, manche pointu

170S (mm)	D (mm)	T (mm)	L (mm)	(g)	(pce.)
10×12	34	38	250	260	1
12×14	34	38	250	260	1

171S

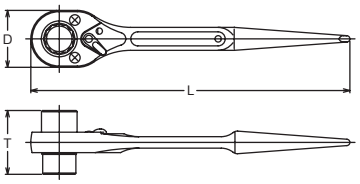
Spud Handle Ratchets, reversible
Doppelseitige Gerüstbauknarre, umstellbar
Cliquets, réversibles, pour assemblage et démontage - échafaudages, manche pointu

171S (mm)	D (mm)	T (mm)	L (mm)	(g)	(pce.)
14×17	44.6	50	250	460	1
17×19	44.6	50	250	460	1
17×21	44.6	50	250	460	1
19×21	44.6	50	250	460	1

171

Spud Handle Ratchets (Long), reversible
Doppelseitige Gerüstbauknarre, lange Ausführung, umstellbar
Cliquets longs, réversibles, pour assemblage et démontage - échafaudages, manche pointu

171 (mm)	D (mm)	T (mm)	L (mm)	(g)	(pce.)
14×17	44.6	50	380	630	1
17×19	44.6	50	380	630	1
17×21	44.6	50	380	630	1
19×21	44.6	50	380	630	1



172

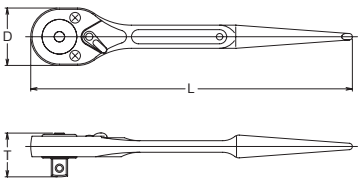
Spud Handle Ratchets (Long), reversible
Doppelseitige Gerüstbauknarre, lange Ausführung, umstellbar
Cliquets longs, réversibles, pour assemblage et démontage - échafaudages, manche pointu

172 (mm)	D (mm)	T (mm)	L (mm)	(g)	(pce.)
21×26	68	58	380	1100	1
22×24	68	58	380	1100	1
23×26	68	58	380	1100	1
24×27	68	58	380	1100	1
26×32	68	63	380	1100	1

171SB-1/2

Spud Handle Ratchet with Push Button (short)

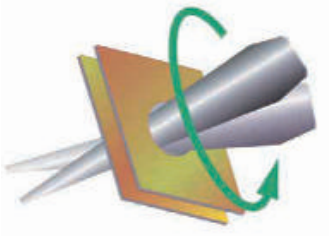
171SB-1/2	☐	D (mm)	T (mm)	L (mm)	(g)	(pce.)
	1/2"	44.6	33	250	480	1



171B-1/2

Spud Handle Ratchet with Push Button(Long)

171B-1/2	☐	D (mm)	T (mm)	L (mm)	(g)	(pce.)
	1/2"	44.6	33	380	650	1



Twin Opening Spud Handle Ratchets
The tapered handle is designed to align bolt holes in flanges, rivet holes or similar assemblies.

Knarren mit doppelseitiger Steckschlüssel-Kombination und konischem Griff für die Ausrichtung von Bohrlöchern z. B. an Flanschen und Gerüsten.

Cliquets à tête double avec manche conique pour aligner les trous des boulons lors des travaux d'échafaudage ou de tout travail de construction.

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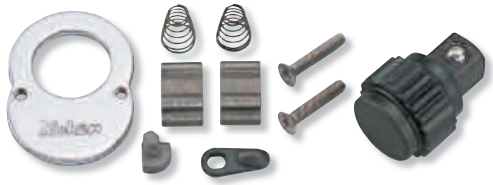
2752RK

2753RK
2753N, 2753PS, 2753P, 2753P-160,
2753J, 2774PS, 2774JS, 2774N, 2774P, 2774J



2753BRK
2753NB, 2753PB, 2753JB

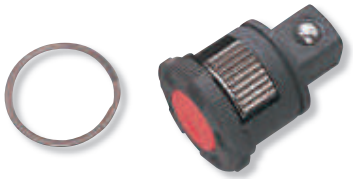
2725RK
2725Z, 2726Z

2749RK-3/8
2749PS-3/8, 2749P-3/8
2774PS-3/8, 2774JS-3/8

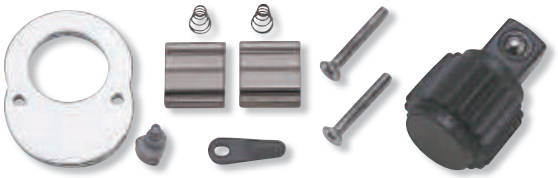
3749RK
3749S

3749BRK
3749SB

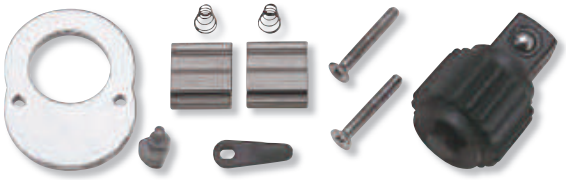
3752RK
3752N, 3752J, 3757, 3776N, 3776P, 3776J



3753RK
3753SM, 3753N, 3753P, 3753P-250, 3753J, 3774PS, 3774P-SR
D3753J, 3774N, 3774P, 3774J, 3774NL, 3774PL, 3774JL



3753BRK
3753SMB, 3753NB, 3753PB, 3753JB
3774NB, 3774PB, 3774JB, 3774JBL



3725RK
3725Z, 3725ZS, 3726Z, 3726ZS

168T-6IP(40)
TORXPlus® 6IP Screwdriver for 2725RK

168T-8IP(40)
TORXPlus® 8IP Screwdriver for 3725RK

	◻	(g)	(pce.)
2749RK	1/4"	30	1
2752RK		42	1
2753RK		30	1
2753BRK		31	1
2725RK		30	1
2749RK-3/8	3/8"	45	1
3749RK		70	1
3749BRK		84	1
3752RK		84	1
3753RK		76	1
3753BRK		77	1
3725RK		50	1
168T-6IP(40)	—	20	1
168T-8IP(40)	—	20	1

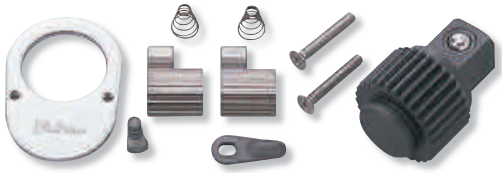
TORX® is a registered trademark of **Acument Intellectual Properties, LLC.**
TORX® ist ein registriertes Markenzeichen der Firma **Acument Intellectual Properties, LLC.**
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

3749SRK-1/2 3749S-1/2

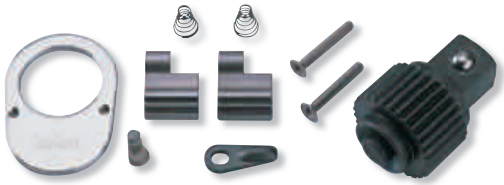
3749SBRK-1/2 3749SB-1/2

4749RK 4749N-380, 4749J-380

4750RK 4750N, 4750P, 4750J

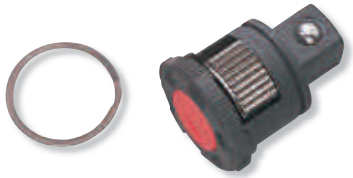


4750BRK 4750NB, 4750PB, 4750JB



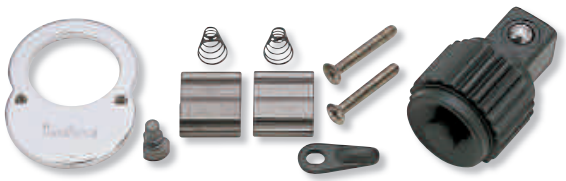
	⍁	⚖ (g)	(pce.)
3749SRK-1/2	1/2"	120	1
3749SBRK-1/2		120	1
4749RK		130	1
4750RK		130	1
4750BRK		130	1
4752RK		140	1
4753RK		130	1
4753BRK		130	1
4725RK		130	1
6749RK	3/4"	580	1
6752RK		600	1
8749RK	1"	800	1

4752RK 4752N, 4752J



4753RK 4753N, 4753P, 4753P-410, 4753J, D4753J 4774N, 4774P, 4774P-450, 4774J

4753BRK 4753NB, 4753PB, 4753JB 4774NB, 4774PB, 4774JB



4725RK 4725Z

6749RK 6749, 6749-1000

6752RK 6752

8749RK 8749

2755RK 2755

3755RK 3755

4755RK 4755

6755RK 6755

		(g)	(pce.)
2755RK	1/4"	40	1
3755RK	3/8"	98	1
4755RK	1/2"	137	1
6755RK	3/4"	550	1

2768RK 2768P, 2768J

3768RK 3768P, 3768J
3768ZRK 3768Z

4768RK 4768P, 4768J, 4781N-450
4768ZRK 4768Z

6768RK 6768

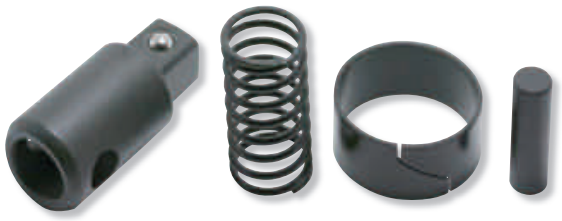
8768RK 8768

		(g)	(pce.)
2768RK	1/4"	9	1
3768RK	3/8"	21	1
3768ZRK	3/8"	21	1
4768RK	1/2"	60	1
New 4768ZRK	1/2"	60	1
6768RK	3/4"	200	1
8768RK	1"	475	1

3112RK 3112G

	☐	(pce.)
3112RK	3/8"	1
4112RK	1/2"	1
6112RK	3/4"	1

4112RK 4112N, 4112G



6112RK 6112

4100MRK 4100ARK 4100M/4100A

4100MRK (mm)	☐	(pce.)
6	1/2"	1
7		1
8		1
9		1
10		1
10.5		1
11		1
12		1
14		1
16		1

4100ARK (inch)	☐	(pce.)
1/4	1/2"	1
5/16		1
3/8		1
7/16		1
1/2		1
9/16		1
5/8		1

6100MRK 6100M

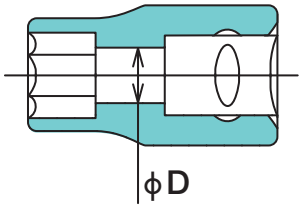
6100MRK (mm)	☐	(pce.)
18	3/4"	1
20		1
22		1
24		1
27		1
28		1
29		1
30		1

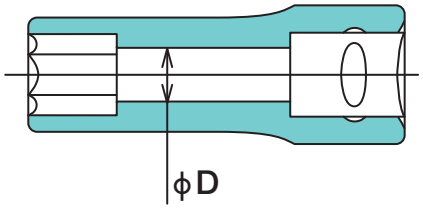
162RK

162RK	(pce.)
5/16	1
3/8	1
1/2	1
10	1

Standard Socket

Deep Socket

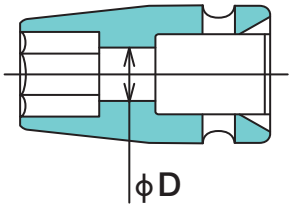


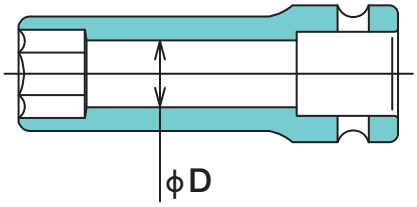


SOCKET		1/4"		3/8"		1/2"		3/4"		1"
		Standard	Deep	Standard	Deep	Standard	Deep	Standard	Deep	Standard
⬡		2400M 2400A	2300M 2300A	3400M 3400A	3300M 3300A	4400M 4400A	4300M 4300A	6400M 6400A	6300M 6300A	8400M 8400A
○		2405M 2405A	2305M 2305A	3405M 3405A	3305M 3305A	4405M 4405A	4305M 4305A	6405M 6405A	6305M 6305A	8405M 8405A
(mm)	(inch)	ϕD								
3	1/8	2.5	2.5							
4		3.5	3.5							
4.5		4	4							
5	3/16	4	4.5							
5.5	7/32	4.5	5	4.5	5					
6	1/4	5	5	5	5					
7	9/32	5.5	6	5.5	6					
8	5/16	6	7	6	7	6	7			
9	11/32	7	8	7	8	7	8			
10	3/8	8	9	8	9	8	9			
11	7/16	9	10	9	10	9	10			
12		10	11	10	11	10	11			
13	1/2	11	12	11	12	11	12			
14	9/16	12	13	12	13	12	13			
15	19/32			13	14	13	14			
16	5/8			14	15	14	15			
17	21/32			15	16	15	16	15	16	
18	11/16			15	17	15	17	15	17	
19	3/4			16	18	16	18	16	18	
20	25/32			17	19	17	19	17	19	
21	13/16			18	20	18	20	18	20	
22	7/8			19	21	19	21	19	21	
23				20	22	20	22	20	22	
24	15/16			21	23	21	23	21	23	
25						22	24	22	24	
26	1					23	25	23	25	
27	1- 1/16					23	26	23	26	23
28						24	27	24	27	24
29	1- 1/8					24	28	24	28	24
30	1- 3/16					25	29	25	29	25
31						26	30	26	30	26
32	1- 1/4					27	31	27	31	27
33	1- 5/16							28	32	28
34								29	33	29
35	1- 3/8							30	34	30
36								31	35	31
37	1- 7/16							31	36	31
38	1- 1/2							32	37	32
39								32	38	32
40	1- 9/16							33	39	33
41	1- 5/8							34	40	34
42								34	41	34
43	1-11/16							35	42	35
44	1- 3/4							36	43	36
45								36	44	36
46	1-13/16							37	45	37
47								38	46	38
48	1- 7/8							38	47	38
	1-15/16							39	48	39
50	2							40	49	40
	2- 1/16							40		

Standard Socket

Deep Socket





SOCKET		1/4"	3/8"		1/2"		3/4"		1"	
		Standard	Standard	Deep	Standard	Deep	Standard	Deep	Standard	Deep
⬡		12400M 12400A	13400M 13400A	13300M 13300A	14400M 14400A	14300M 14300A	16400M 16400A	16300M 16300A	18400M 18400A	18300M 18300A
(mm)	(inch)	ϕD								
4		3								
4.5	3/16	3								
5		4								
5.5		4								
6	1/4	5	5	5						
7	9/32	5	5	6						
8	5/16	6	6	7	6	7				
9	11/32	7	7	8	7	8				
10	3/8	8	8	9	8	9				
11	7/16	9	9	10	9	10				
12		10	10	11	10	11				
13	1/2	11	11	12	11	12				
14	9/16	12	12	13	12	13				
15			13	14	13	14				
16	5/8		14	15	14	15				
17	11/16		14	16	14	16	14	16		
18			15	17	15	17	15	17		
19	3/4		16	18	16	18	16	18	16	18
20			17	19	17	19	17	19	17	19
21	13/16		18	20	18	20	18	20	18	20
22	7/8		19	21	19	21	19	21	19	21
23			20		20	22	20	22	20	22
24	15/16				21	23	21	23	21	23
25	1				22	24	22	24	22	24
26					23	25	23	25	23	25
27	1- 1/16				23	26	23	26	23	26
28					24	27	24	27	24	27
29	1- 1/8				25	28	25	28	25	28
30	1- 3/16				26	29	26	29	26	29
31					27	30	27	30	27	30
32	1- 1/4				28	31	28	31	28	31
33							29	32	29	32
34	1- 5/16						30	33	30	33
35	1- 3/8						31	34	31	34
36							32	35	32	35
37	1- 7/16						32	36	32	36
38	1- 1/2						34	37	34	37
40	1- 9/16						34	39	34	39
41	1- 5/8						35	40	35	40
42	1-11/16						35	41	35	41
45	1- 3/4						35	44	35	44
46	1-13/16						40	45	40	45
47							40	46		
	1- 7/8						40	47		

Equivalent Standard Bolt Diameters

of German, American, British, Norwegian, French, and Swedish sizes for Wrenches

Socket Opening		Metric sizes												American sizes																		English sizes		
		SW	Thread diameters											Thread diameters																		Thread Diam		
			ISO R272-1968		German Standard				French Standard	Swedish Standards					ISO R272-1962																	W	BS	
					metric													Nomal Series		Heavy Series		Nuts			Bolts and Screws					Nuts				
minimum dimension 1)	maximum dimension 2)	nominal size of wrench mm	standard hexagon	small hexagon	DIN.....2)	DIN561+564	DIN6914+6915	Danish Stand DS 17	NFE 27-111-19303	Metric large SMS 1412	Metric small SMS 1414	Whitworth large SMS 1413	Whitworth small SMS 1415	Nominal Size of Wrench	Bolts	Nuts	Actual A/F	Bolts	Nuts	Bolts	Nuts	Normal a	Square b	Heavy c	Normal d	Heavy e	Machine Screws f	Set Screws Square g	Machine Screw Nuts h	Whitworth Large	BS 916, 1953 and BS 1083, 1968, 1965	Width across flats inch
2.52	2.58	2.5			1																												
3.02	3.08	3			1.2+1.4																												
3.22	3.28	3.2	1.6		1.6																												
3.23	3.35													1/8	No2											No2+3							
3.52	3.60	3.5			1.7																												
4.01	4.14													5/32		No0+1												No0+1					
4.02	4.12	4	2		2				2.5		2.3																						
4.52	4.62	4.5			2.3						2.6																						
4.83	4.95													3/16	No3.4+5	No2+3	19									No4+5	No10	No2+3					
5.02	5.12	5	2.5		2.5+2.6				3		3																						
5.21	5.33													13/64																			
5.52	5.62	5.5	3		3																												
5.59	5.72													7/32													No12						
6.00	6.13													15/64																			
6.03	6.15	6			3.5				3.5	3	3.5																						
6.40	6.53													1/4	No6+8	No4	25									No6+8	1/4	No4					
6.60	6.70																												1/16		.256		
6.82	6.97													17/64																			
7.03	7.15	7	4		4				4+4.5	3.5	4																						
7.19	7.32													9/32										No10									
7.60	7.70																												3/32		.297		
7.62	7.77													19/64																			
8.03	8.18													5/16	No10+12	No5+6	31									No10+12	5/16	No5+6					
8.03	8.15	8	5		5	6			5	4	5																						
8.41	8.56													21/64																			
8.70	8.80																												1/8	3/16	.340		
8.81	8.97													11/32		No8	34											No8					
9.03	9.15	9			6				5.5	5																							
9.60	9.75													3/8		No10	38							※1/4		1/4	3/8	No10					
10.04	10.19	10	6		6	8			6		6																						
10.39	10.55													13/32																			
11.04	11.19	11	7		7			1/4		6	7		1/4																				
11.18	11.33													7/16	1/4	No12.1/4	44	1/4	1/4			1/4	1/4		1/4			7/16	No12.1/4				
11.38	11.45																												3/16	1/4	.445		
11.99	12.14													15/32																			
12.04	12.24	12		8					7		8																						
12.80	12.95													1/2	5/16	5/16	50	5/16	5/16		1/4	5/16		1/4	5/16		5/16	1/2					
13.04	13.24	13	8		8	10						1/4	5/16																				
13.44	13.54																												1/4	5/16	.525		
13.60	13.77													17/32																			
14.05	14.27	14		10	8◊)			5/16	8	8																							
14.38	14.55													9/16	3/8	3/8	56	3/8	3/8		5/16	3/8	5/16	5/16	3/8		3/8	9/16	5/16				
15.05	15.27	15			10◊)						10	5/16	3/8																				
15.18	15.36													19/32																			
15.34	15.44																												5/16	3/8	.600		
15.98	16.15													5/8	7/16		62	7/16					3/8		7/16			5/8	3/8				
16.05	16.27	16	Spark plug M10x1.0						9																								
16.77	16.95													21/32																			
17.05	17.30	17	10	12	10	12		3/8	10	10																							
17.58	17.75													11/16		7/16	69		7/16		3/8	7/16		3/8									
18.05	18.30	18	Spark plug M12x1.25								12	3/8	7/16																				
18.16	18.29																												3/8	7/16	.710		
19.06	19.36	19	12	14	12	16		7/16	11																								
19.18	19.38													3/4	1/2	1/2	75	1/2	1/2		7/16	1/2	7/16	7/16	1/2			3/4					
19.97	20.17													25/32																			
20.06	20.36	20																															
20.78	20.98													13/16	9/16		81	9/16					1/2		9/16								
20.86	21.16	20.8	Spark plug M14x1.25																														
20.95	21.08																												7/16	1/2	.820		
21.06	21.36	21							12		14	7/16	1/2																				
22.06	22.36	22	14	16	14		12	1/2		12+14																							
22.35	22.56													7/8		9/16	88		9/16	1/2	1/2	9/16	9/16	1/2			7/8						
23.06	23.36	23							14			1/2																					
23.52	23.67																												1/2	9/16	.920		
23.98	24.21													15/16	5/8	5/8	94	5/8	5/8			5/8		9/16	5/8								
24.06	24.36	24	16	18	16	20					16		5/8																				
24.76	24.99													31/32																			
25.06	25.36	25																															
25.55	25.78													1			100						5/8					1					
25.81	25.96																												9/16	5/8	1.010		
26.08	26.48	26	Spark plug M18x1.5																														
27.08	27.48	27	18	20	18		16	5/8		16	18																						
27.13	27.36													1 1/16			106			5/8	5/8			5/8									
28.12	28.30																												5/8	11/16	1.100		
28.08	28.48	28										5/8	3/4																				
28.75	29.01													1 1/8	3/4	3/4	112	3/4	3/4			3/4	3/4		3/4			1 1/8					
29.08	29.48	29							18																								
30.08	30.48	30	20	22	20	24					20																						
30.34	30.59													1 3/16																			
30.66	30.84																												11/16	3/4	1.200		
31.93	32.18													1 1/4			125			3/4	3/4			3/4				1 1/4					
32.08	32.48	32	22	24	22		20	3/4	20	18+20	22																						
33.08	33.48	33										3/4	7/8																				
33.22	33.43																												3/4	7/8	1.300		
33.53	33.81													1 5/16	7/8	7/8	131	7/8	7/8			7/8	7/8		7/8								
34.08	34.48	34									24																						
35.10	35.60	35							22																								
35.13	35.41													1 3/8														1 3/8					
35.51	35.71																												13/16	15/16	1.390		
36.10	36.60	36	24	27	24	30	22	7/8		22+24																							

Equivalent Standard Bolt Diameters

of German, American, British, Norwegian, French, and Swedish sizes for Wrenches

Socket Opening		Metric sizes												American sizes																	English sizes		
		SW	Thread diameters												Thread diameters																Thread Diam		
minimum dimension 1)	maximum dimension 2)	nominal size of wrench mm	ISO R272-1968		German Standard				French Standard	Swedish Standards				Nominal Size of Wrench	ISO R272-1962																W	BS	Width across flats inch
			standard hexagon	small hexagon	metric										Bolts	Nuts	Actual A/F	Nomal Series		Heavy Series		Nuts			Bolts and Screws				Nuts	Whitworth Large	BS 916, 1953 and BS 1083, 1968, 1965	
					DIN.....2)	DIN561+564	DIN6914+6915	Danish Stand DS 17	NFE 27-111-19303)	Metric large SMS 1412	Metric small SMS 1414	Whitworth large SMS 1413	Whitworth small SMS 1415					Bolts	Nuts	Bolts	Nuts	Normal a	Square b	Heavy c	Normal d	Heavy e	Machine Screws f	Set Screws Square g	Machine Screw Nuts h			
36.73	37.01													1 7/16			144			7/8	7/8			7/8		7/8						
37.10	37.60	37										7/8	1																			
37.82	38.05																													7/8	1	1.480
38.10	38.60	38							24																							
38.30	38.61													1 1/2	1	1	150	1	1			1	1		1			1 1/2				
39.89	40.20													1 9/16																		
40.36	40.59																													15/16	1 1/16	1.580
41.10	41.60	41	27	30	27		24	1		27																						
41.50	41.81													1 5/8			162			1	1			1		1						
42.10	42.60	42							27			1	1 1/8																			
42.67	42.93																													1	1 1/8	1.670
43.08	43.38													1 11/16	1 1/8	1 1/8	169	1 1/8	1 1/8			1 1/8	1 1/8		1 1/8							
44.70	45.03													1 3/4																		
46.10	46.60	46	30	33	30	36	27	1 1/8	30	30																						
46.28	46.61													1 13/16			181			1 1/8	1 1/8			1 1/8		1 1/8						
47.10	47.60	47										1 1/8	1 1/4																			
47.52	47.80																													1 1/8	1 1/4	1.860
47.88	48.21													1 7/8	1 1/4	1 1/4	188	1 1/4	1 1/4			1 1/4	1 1/4		1 1/4							
50.10	50.60	50	33	36	33			1 1/4	33	33																						
51.08	51.44													2			200			1 1/4	1 1/4			1 1/4		1 1/4						
52.10	52.60	52										1 1/4	1 3/8																			
52.37	52.68																													1 1/4	1 3/8	2.050
52.68	53.04													2 1/16	1 3/8	1 3/8	206	1 3/8	1 3/8			1 3/8	1 3/8		1 3/8							
54.12	54.72	54							36																							
54.25	54.61													2 1/8																		
55.12	55.72	55	36	39	36	42		1 3/8		36																						
55.88	56.26													2 3/16			219			1 3/8	1 3/8			1 3/8		1 3/8						
56.12	56.72	56										1 3/8	1 1/2																			
56.72	57.05																													1 3/8	1 1/2	2.220
57.45	57.84													2 1/4	1 1/2	1 1/2	225	1 1/2	1 1/2			1 1/2	1 1/2		1 1/2							
58.12	58.72	58							39																							
60.12	60.72	60	39		39			1 1/2		39		1 1/2	1 5/8																			
60.66	61.06													2 3/8			238			1 1/2	1 1/2			1 1/2		1 1/2						
61.57	61.92																													1 1/2	1 5/8	2.410
62.23	62.64													2 7/16												1 5/8						
63.12	63.72	63							42																							
63.83	64.24													2 1/2																		
65.12	65.72	65	42		42	48		1 3/8		42		1 5/8	1 3/4																			
65.43	65.86													2 9/16			256							1 5/8		1 5/8						
65.91	66.29																													1 5/8	1 3/4	2.580
67.03	67.46													2 5/8	1 3/4	1 3/4	262	1 3/4	1 3/4						1 3/4							
67.12	67.72	67							45																							
70.12	70.72	70	45		45			1 3/4		45		1 3/4	1 7/8																			
70.26	70.69													2 3/4			275			1 3/4	1 3/4			1 3/4		1 3/4						
70.51	70.92																													1 3/4	2	2.760
71.12	71.72	71							48																							
71.81	72.26													2 13/16												1 7/8						
75.03	75.51													2 15/16			294							1 7/8		1 7/8						
75.15	75.85	75	48		48	56		1 7/8		48		1 7/8	2																			
76.61	77.09													3	2	2	300	2	2						2							
77.15	77.85	77							52																							
79.81	80.31													3 1/8			312			2	2			2		2						
80.15	80.85	80	52		52			2	52		2																					
80.47	80.92																													2	2 1/4	3.150
82.15	82.85	82							56																							
85.15	85.85	85	56		56			2 1/4																								
86.18	86.72													3 3/8											2 1/4							
88.15	88.85	88							60																							
89.36	89.92													3 1/2										2 1/4		2 1/4						
90.15	90.85	90	60		60																											
90.60	91.00																														2 1/2	3.550
94.15	94.85	94							64																							
95.15	95.85	95	64		64			2 1/2																								
95.76	96.34													3 3/4											2 1/2							
98.93	99.52													3 7/8										2 1/2		2 1/2						
99.20	99.60																														2 3/4	3.890
100.15	100.85	100	68		68				68																							
105.20	106.00	105	72		72			2 3/4	72																							
105.33	105.67													4 1/8										2 3/4								
106.60	107.00																														3	4.180
108.51	109.14													4 1/4										2 3/4								
110.20	111.00	110	96		76			3	76																							
114.91	115.57													4 1/2											3							
115.20	116.00	115	80		80																											
116.20	117.00	116							80																							
118.08	118.77													4 5/8										3		3						
120.20	121.00	120	85		85			3 1/4																								

1) max-min, dimensions for metric sizes according to DIN 475/2, series 1
2) DIN 439, 555, 601, 609, 610, 917, 931, 933, 934, 935, 936, 937, 960, 961, 979, 980, 985, 986, 1587, 2510/5, 6330, 6331, 7513, 7964, 7967, 7968, 7976, 7990
3) NFE 27-311 is identical to ISO R 272 since Oct.1969
4) Standards prior to 1966
5) Only applicable to Motor industry(M 10 acc.to DIN 70 613 through 70 618)
6) Standards prior to 1963

ANSI B 18.2.2-1972

a) Hex Flat and Hex Flat Jam Nuts
Hex Nuts and Hex Jam Nuts
Hex Slotted Nuts
Hex Thick Nuts
Hex Thick Slotted Nuts
Hex Castle Nuts
b) Square Nuts
c) Heavy Square Nuts
Heavy Hex Flat Nuts
Heavy Hex Flat Jam Nuts
Heavy Hex Nuts
Heavy Hex Jam Nuts
Heavy Hex Slotted Nuts

ANSI B 18.2.1-1972

d) Square Bolts
Hex Bolts
Hex Cap Screws
Lag Screws
e) Heavy Hex Bolts
Heavy Hex Structual Bolts
Heavy Hex Screws

f) ANSI B 18.6.3-1962
g) ANSI B 18.6.2-1956
h) ANSI B 18.6.3-1962
※ Square Bolt and Lag Screw only

Screw dimension	Hexagon Head Bolt			Hexagon Socket Head Cap Screws			TORX		TORXPLUS		Triple Square	LHSTIX	Ref.) Standard Tightning Torque (Nm)				
	Standard	Compact	High Strength	Standard	Button Head / Shoulder Head	Hexagon Socket Set Serews	T	E	IP	EP [EPL]	XZN	LH-S [LH-SS]	Grade 4.6	Grade 6.8	Grade 8.8	Grade 10.9	Grade 12.9
M2	4			1.5		0.9	T6/T8		6IP				0.12	0.24	0.32	0.45	0.54
M2.5	5			2		1.3	T8		8IP		M3		0.25	0.49	0.65	0.92	1.1
M3	5.5			2.5	2	1.5	T10	E4	8IP/10IP	4EP	M3		0.43	0.87	1.16	1.63	1.96
M3.5	(6)						T15		10IP/15IP				0.68	1.37	1.82	2.56	3.08
M4	7			3	2.5	2	T20/T25	E5	15IP/20IP	5EP	M4	LH4S	1.01	2.02	2.7	3.79	4.54
M5	8			4	3	2.5	T25/T27	E6	20IP/25IP /27IP	6EP [8EPL]	M5	LH5S	2.04	4.09	5.47	7.67	9.18
M6	10			5	4	3	T30	E8	27IP/30IP	8EP [10EPL]	M6	LH6S	3.47	6.97	9.27	13	15.6
M7	11						T40	E8	40IP	8EP [12EPL]			5.85	11.6	15.5	21.8	26.2
M8	13	(12)		6	5	4	T40/T45	E10	40IP/45IP	10EP [14EPL]	M8	LH8S	8.41	16.9	22.5	31.6	37.9
M10	16 (17)	(14)		8	6	5	T50	E12	45IP/50IP	12EP [16EPL]	M10	LH10S [LH8SS]	16.7	33.4	44.5	62.6	75.2
M12	18 (19)	(17)	21 (22)	10	8	6	T55	E14	55IP	14EP [20EPL]	M12	LH12S [LH10SS]	29.1	58.3	77.6	109	131
M14	21 (22)	(19)		12			T55/T60	E14/E18	55IP/60IP	18EP [24EPL]	M14	LH14S [LH12SS]	46.4	92.7	124	174	209
M16	24	(22)	27	14	10	8	T60/T70	E16/E20	60IP/70IP	20EP [26EPL]	M16	LH16S [LH14SS]	72.3	145	194	271	325
M18	27	(24)		(14)			T70/T80	E24	80IP	24EP [30EPL]	M18		100	199	266	373	447
M20	30 (32)	(27/29)	32	17	12	10	T80/T90	E24	90IP	24EP [32EPL]			141	282	376	529	635
M22	34 (32/35)	(30/32)	36	(17)			T90/T100	E28	100IP	24EP [36EPL]			192	384	511	720	865
M24	36 (38)	(32/35)	41	19		12	T100	E32	100IP	32EP [40EPL]			244	488	650	915	1100
M27	41	(36)	46	(19)				E32		32EP			358	713	951	1340	1610
M30	46	(41)	50	22				E36		36EP			484	971	1290	1820	2180
M33	50	(46)		(24)				E40		40EP			661	1320	1760	2470	2970
M36	55 (54)	(50)		27				E44		44EP			848	1690	2260	3180	3810
M39	60 (58)	(55)		(27)									1100	2190	2920	4110	4930
M42	65 (63)			32									1350	2710	3610	5080	6080
M45	70 (67)			(32)									1700	3400	4540	6370	7630
M48	75 (71)			36									2030	4060	5440	7620	9120
M52	80 (77)			(36)									2640	5290	7040	9880	11800
M56	85			41									3270	6560	8710	12300	14800
M60	90												4080	8180	10900	15300	18300
M64	95			46									4930	9890	13100	18500	22300
M68	(100)												5970	12000	16000	22500	27000

*Reference: Hexagon Head Bolt: ISO 4014-4018, 8676, 8768
High Strength Hexagon Bolt: JIS B 1196
Hexagon Socket Head Cap Screws: ISO 7380
Hexagon Socket Button Head Screws: ISO 7380
Hexagon Socket Set Screws: ISO 4026-4029
TORX T/E: TORX Standard TMH series
TORXPLUS IP/EP: TORXPLUS Standard CMH series
Triple Square: DIN 2324/2325
LHSTIX LH-S/SS: LH-S/SS Standard

* Standard Tightening Torque: Calculated based on Torque Coefficient (K): 0.2
Axial Force (Ff) : 60% of Proof Strength(σ)

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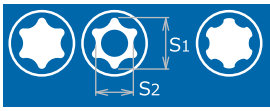
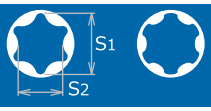
TORX® / TORX Plus® BITS



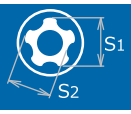
		S1 (mm)	S2 (mm)
T6	6IP	1.7	1.2
T7	7IP	2.0	1.4
T8	8IP	2.3	1.7
T9	9IP	2.5	1.8
T10	10IP	2.7	2.0
T15	15IP	3.3	2.3
T20	20IP	3.9	2.8
T25	25IP	4.5	3.2
T27	27IP	5.0	3.6
T30	30IP	5.6	4.0
T40	40IP	6.7	4.8
T45	45IP	7.9	5.6
T50	50IP	8.9	6.2
T55	55IP	11.3	8.0
T60	60IP	13.3	9.5
T70	70IP	15.6	11.1
T80	80IP	17.6	12.7
T90	90IP	20.0	14.2
T100	100IP	22.2	15.8

TORX® / TORX Plus® SOCKETS



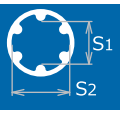
		S1 (mm)	S2 (mm)
E4	4EP	3.7	2.7
E5	5EP	4.6	3.3
E6	6EP	5.6	4.0
E7	7EP	6.1	4.3
E8	8EP	7.4	5.3
E10	10EP	9.3	6.8
E11	11EP	9.9	7.1
E12	12EP	11.0	7.9
E14	14EP	12.8	9.2
E16	16EP	14.6	10.5
E18	18EP	16.5	11.9
E20	20EP	18.3	13.2
E22	22EP	20.1	14.8
E24	24EP	22.0	15.7
E26	26EP	23.7	17.5
E28	28EP	25.5	18.3
E30	30EP	27.3	20.0
E32	32EP	29.0	21.3

PENTA-LOBE BITS



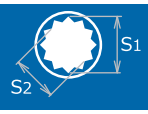
	S1 (mm)	S2 (mm)
8PR	2.2	2.0
9PR	2.4	2.2
10PR	2.6	2.4
15PR	3.1	2.8
20PR	3.6	3.3
25PR	4.1	3.8
27PR	4.7	4.3
30PR	5.2	4.8
40PR	6.3	5.7
45PR	7.4	6.7
50PR	8.4	7.6
55PR	10.6	9.7

LHstix® (LH-S) SOCKETS



	S1 (mm)	S2 (mm)
LH3S	3.8	4.7
LH4S	4.5	6.0
LH5S	5.6	7.5
LH6S	6.8	9.0
LH7S	7.9	10.5
LH8S	9.0	12.0
LH10S	11.3	15.0
LH12S	13.6	18.0
LH14S	15.8	21.0
LH16S	18.1	24.0

XZN BITS



	S1 (mm)	S2 (mm)
M4	3.6	3.1
M5	4.8	4.1
M6	6.1	5.1
M8	7.3	6.1
M10	9.7	8.1
M12	11.5	9.7
M14	13.3	11.2
M16	15.7	13.2
M18	16.9	14.2

Ribe CV BITS

	W (mm)	S1 (mm)	S2 (mm)
M5	1.2	5.0	3.8
M6	1.3	6.0	4.5
M7	1.4	7.0	5.0
M8	1.8	8.0	6.0
M9	2.0	9.0	7.1
M10	2.3	10.0	7.4
M12	2.6	12.0	9.0
M13	3.1	13.0	11.0
M14	3.2	14.0	10.4
M16	3.6	16.0	11.9

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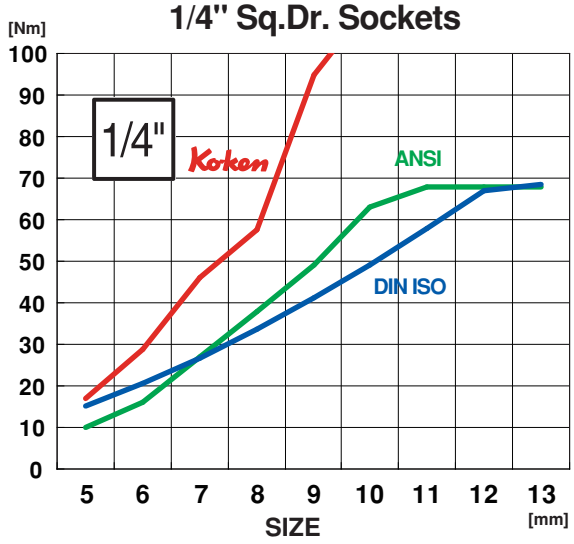
Conversion Table: American Inches-Decimal Inches-Millimeter

in	dec.in.	0"	1"	2"	3"	4"	5"	6"	7"	8"	9"	10"	11"
		Millimeter(mm)											
	0	0	25.4000	50.8000	76.2000	101.6000	127.0000	152.4000	177.8000	203.2000	228.6000	254.0000	279.4000
1/64	0.01563	0.3969	25.7969	51.1969	76.5969	101.9969	127.3969	152.7969	178.1969	203.5969	228.9969	254.3969	279.7969
1/32	0.03125	0.7938	26.1938	51.5938	76.9938	102.3938	127.7938	153.1938	178.5938	203.9938	229.3938	254.7938	280.1938
3/64	0.04688	1.1906	26.5906	51.9906	77.3906	102.7906	128.1906	153.5906	178.9906	204.3906	229.7906	255.1906	280.5906
1/16	0.06250	1.5875	26.9875	52.3875	77.7875	103.1875	128.5875	153.9875	179.3875	204.7875	230.1875	255.5875	280.9875
5/64	0.07813	1.9844	27.3844	52.7844	78.1844	103.5844	128.9844	154.3844	179.7844	205.1844	230.5844	255.9844	281.3844
3/32	0.09375	2.3813	27.7813	53.1813	78.5813	103.9813	129.3813	154.7813	180.1813	205.5813	230.9813	256.3813	281.7813
7/64	0.10938	2.7781	28.1781	53.5781	78.9781	104.3781	129.7781	155.1781	180.5781	205.9781	231.3781	256.7781	282.1781
1/8	0.12500	3.1750	28.5750	53.9750	79.3750	104.7750	130.1750	155.5750	180.9750	206.3750	231.7750	257.1750	282.5750
9/64	0.14063	3.5719	28.9719	54.3719	79.7719	105.1719	130.5719	155.9719	181.3719	206.7719	232.1719	257.5719	282.9719
5/32	0.15625	3.9688	29.3688	54.7688	80.1688	105.5688	130.9688	156.3688	181.7688	207.1688	232.5688	257.9688	283.3688
11/64	0.17188	4.3656	29.7656	55.1656	80.5656	105.9656	131.3656	156.7656	182.1656	207.5656	232.9656	258.3656	283.7656
3/16	0.18750	4.7625	30.1625	55.5625	80.9625	106.3625	131.7625	157.1625	182.5625	207.9625	233.3625	258.7625	284.1625
13/64	0.20313	5.1594	30.5594	55.9594	81.3594	106.7594	132.1594	157.5594	182.9594	208.3594	233.7594	259.1594	284.5594
7/32	0.21875	5.5563	30.9563	56.3563	81.7563	107.1563	132.5563	157.9563	183.3563	208.7563	234.1563	259.5563	284.9563
15/64	0.23438	5.9531	31.3531	56.7531	82.1531	107.5531	132.9531	158.3531	183.7531	209.1531	234.5531	259.9531	285.3531
1/4	0.25000	6.3500	31.7500	57.1500	82.5500	107.9500	133.3500	158.7500	184.1500	209.5500	234.9500	260.3500	285.7500
17/64	0.26563	6.7469	32.1469	57.5469	82.9469	108.3469	133.7469	159.1469	184.5469	209.9469	235.3469	260.7469	286.1469
9/32	0.28125	7.1438	32.5438	57.9438	83.3438	108.7438	134.1438	159.5438	184.9438	210.3438	235.7438	261.1438	286.5438
19/64	0.29688	7.5406	32.9406	58.3406	83.7406	109.1406	134.5406	159.9406	185.3406	210.7406	236.1406	261.5406	286.9406
5/16	0.31250	7.9375	33.3375	58.7375	84.1375	109.5375	134.9375	160.3375	185.7375	211.1375	236.5375	261.9375	287.3375
21/64	0.32813	8.3344	33.7344	59.1344	84.5344	109.9344	135.3344	160.7344	186.1344	211.5344	236.9344	262.3344	287.7344
11/32	0.34375	8.7313	34.1313	59.5313	84.9313	110.3313	135.7313	161.1313	186.5313	211.9313	237.3313	262.7313	288.1313
23/64	0.35938	9.1281	34.5281	59.9281	85.3281	110.7281	136.1281	161.5281	186.9281	212.3281	237.7281	263.1281	288.5281
3/8	0.37500	9.5250	34.9250	60.3250	85.7250	111.1250	136.5250	161.9250	187.3250	212.7250	238.1250	263.5250	288.9250
25/64	0.39063	9.9219	35.3219	60.7219	86.1219	111.5219	136.9219	162.3219	187.7219	213.1219	238.5219	263.9219	289.3219
13/32	0.40625	10.3188	35.7188	61.1188	86.5188	111.9188	137.3188	162.7188	188.1188	213.5188	238.9188	264.3188	289.7188
27/64	0.42188	10.7156	36.1156	61.5156	86.9156	112.3156	137.7156	163.1156	188.5156	213.9156	239.3156	264.7156	290.1156
7/16	0.43750	11.1125	36.5125	61.9125	87.3125	112.7125	138.1125	163.5125	188.9125	214.3125	239.7125	265.1125	290.5125
29/64	0.45313	11.5094	36.9094	62.3094	87.7094	113.1094	138.5094	163.9094	189.3094	214.7094	240.1094	265.5094	290.9094
15/32	0.46875	11.9063	37.3063	62.7063	88.1063	113.5063	138.9063	164.3063	189.7063	215.1063	240.5063	265.9063	291.3063
31/64	0.48438	12.3031	37.7031	63.1031	88.5031	113.9031	139.3031	164.7031	190.1031	215.5031	240.9031	266.3031	291.7031
1/2	0.50000	12.7000	38.1000	63.5000	88.9000	114.3000	139.7000	165.1000	190.5000	215.9000	241.3000	266.7000	292.1000
33/64	0.51563	13.0969	38.4969	63.8969	89.2969	114.6969	140.0969	165.4969	190.8969	216.2969	241.6969	267.0969	292.4969
17/32	0.53125	13.4938	38.8938	64.2938	89.6938	115.0938	140.4938	165.8938	191.2938	216.6938	242.0938	267.4938	292.8938
35/64	0.54688	13.8906	39.2906	64.6906	90.0906	115.4906	140.8906	166.2906	191.6906	217.0906	242.4906	267.8906	293.2906
9/16	0.56250	14.2875	39.6875	65.0875	90.4875	115.8875	141.2875	166.6875	192.0875	217.4875	242.8875	268.2875	293.6875
37/64	0.57813	14.6844	40.0844	65.4844	90.8844	116.2844	141.6844	167.0844	192.4844	217.8844	243.2844	268.6844	294.0844
19/32	0.59375	15.0813	40.4813	65.8813	91.2813	116.6813	142.0813	167.4813	192.8813	218.2813	243.6813	269.0813	294.4813
39/64	0.60938	15.4781	40.8781	66.2781	91.6781	117.0781	142.4781	167.8781	193.2781	218.6781	244.0781	269.4781	294.8781
5/8	0.62500	15.8750	41.2750	66.6750	92.0750	117.4750	142.8750	168.2750	193.6750	219.0750	244.4750	269.8750	295.2750
41/64	0.64063	16.2719	41.6719	67.0719	92.4719	117.8719	143.2719	168.6719	194.0719	219.4719	244.8719	270.2719	295.6719
21/32	0.65625	16.6688	42.0688	67.4688	92.8688	118.2688	143.6688	169.0688	194.4688	219.8688	245.2688	270.6688	296.0688
43/64	0.67188	17.0656	42.4656	67.8656	93.2656	118.6656	144.0656	169.4656	194.8656	220.2656	245.6656	271.0656	296.4656
11/16	0.68750	17.4625	42.8625	68.2625	93.6625	119.0625	144.4625	169.8625	195.2625	220.6625	246.0625	271.4625	296.8625
45/64	0.70313	17.8594	43.2594	68.6594	94.0594	119.4594	144.8594	170.2594	195.6594	221.0594	246.4594	271.8594	297.2594
23/32	0.71875	18.2563	43.6563	69.0563	94.4563	119.8563	145.2563	170.6563	196.0563	221.4563	246.8563	272.2563	297.6563
47/64	0.73438	18.6531	44.0531	69.4531	94.8531	120.2531	145.6531	171.0531	196.4531	221.8531	247.2531	272.6531	298.0531
3/4	0.75000	19.0500	44.4500	69.8500	95.2500	120.6500	146.0500	171.4500	196.8500	222.2500	247.6500	273.0500	298.4500
49/64	0.76563	19.4469	44.8469	70.2469	95.6469	121.0469	146.4469	171.8469	197.2469	222.6469	248.0469	273.4469	298.8469
25/32	0.78125	19.8438	45.2438	70.6438	96.0438	121.4438	146.8438	172.2438	197.6438	223.0438	248.4438	273.8438	299.2438
51/64	0.79688	20.2406	45.6406	71.0406	96.4406	121.8406	147.2406	172.6406	198.0406	223.4406	248.8406	274.2406	299.6406
13/16	0.81250	20.6375	46.0375	71.4375	96.8375	122.2375	147.6375	173.0375	198.4375	223.8375	249.2375	274.6375	300.0375
53/64	0.82813	21.0344	46.4344	71.8344	97.2344	122.6344	148.0344	173.4344	198.8344	224.2344	249.6344	275.0344	300.4344
27/32	0.84375	21.4313	46.8313	72.2313	97.6313	123.0313	148.4313	173.8313	199.2313	224.6313	250.0313	275.4313	300.8313
55/64	0.85938	21.8281	47.2281	72.6281	98.0281	123.4281	148.8281	174.2281	199.6281	225.0281	250.4281	275.8281	301.2281
7/8	0.87500	22.2250	47.6250	73.0250	98.4250	123.8250	149.2250	174.6250	200.0250	225.4250	250.8250	276.2250	301.6250
57/64	0.89063	22.6219	48.0219	73.4219	98.8219	124.2219	149.6219	175.0219	200.4219	225.8219	251.2219	276.6219	302.0219
29/32	0.90625	23.0188	48.4188	73.8188	99.2188	124.6188	150.0188	175.4188	200.8188	226.2188	251.6188	277.0188	302.4188
59/64	0.92188	23.4156	48.8156	74.2156	99.6156	125.0156	150.4156	175.8156	201.2156	226.6156	252.0156	277.4156	302.8156
15/16	0.93750	23.8125	49.2125	74.6125	100.0125	125.4125	150.8125	176.2125	201.6125	227.0125	252.4125	277.8125	303.2125
61/64	0.95313	24.2094	49.6094	75.0094	100.4094	125.8094	151.2094	176.6094	202.0094	227.4094	252.8094	278.2094	303.6094
31/32	0.96875	24.6063	50.0063	75.4063	100.8063	126.2063	151.6063	177.0063	202.4063	227.8063	253.2063	278.6063	304.0063
63/64	0.98438	25.0031	50.4031	75.8031	101.2031	126.6031	152.0031	177.4031	202.8031	228.2031	253.6031	279.0031	304.4031

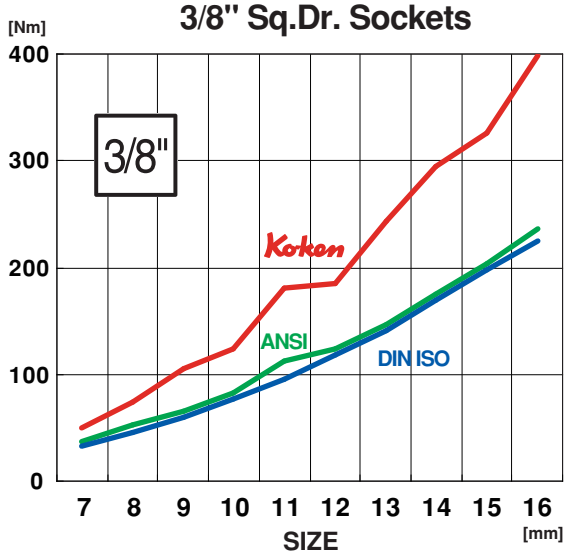
in.	dec.in.	12"	13"	14"	15"	16"	17"	18"	19"	20"	21"	22"	23"
		Millimeter(mm)											
	0	304.8000	330.2000	355.6000	381.0000	406.4000	431.8000	457.2000	482.6000	508.0000	533.4000	558.8000	584.2000
1/32	0.03125	305.5938	330.9938	356.3938	381.7938	407.1938	432.5938	457.9938	483.3938	508.7938	534.1938	559.5938	584.9938
1/16	0.06250	306.3875	331.7875	357.1875	382.5875	407.9875	433.3875	458.7875	484.1875	509.5875	534.9875	560.3875	585.7875
3/32	0.09375	307.1813	332.5813	357.9813	383.3813	408.7813	434.1813	459.5813	484.9813	510.3813	535.7813	561.1813	586.5813
1/8	0.12500	307.9750	333.3750	358.7750	384.1750	409.5750	434.9750	460.3750	485.7750	511.1750	536.5750	561.9750	587.3750
5/32	0.15625	308.7688	334.1688	359.5688	384.9688	410.3688	435.7688	461.1688	486.5688	511.9688	537.3688	562.7688	588.1688
3/16	0.18750	309.5625	334.9625	360.3625	385.7625	411.1625	436.5625	461.9625	487.3625	512.7625	538.1625	563.5625	588.9625
7/32	0.21875	310.3563	335.7563	361.1563	386.5563	411.9563	437.3563	462.7563	488.1563	513.5563	538.9563	564.3563	589.7563
1/4	0.25000	311.1500	336.5500	361.9500	387.3500	412.7500	438.1500	463.5500	488.9500	514.3500	539.7500	565.1500	590.5500
9/32	0.28125	311.9438	337.3438	362.7438	388.1438	413.5438	438.9438	464.3438	489.7438	515.1438	540.5438	565.9438	591.3438
5/16	0.31250	312.7375	338.1375	363.5375	388.9375	414.3375	439.7375	465.1375	490.5375	515.9375	541.3375	566.7375	592.1375
11/32	0.34375	313.5313	338.9313	364.3313	389.7313	415.1313	440.5313	465.9313	491.3313	516.7313	542.1313	567.5313	592.9313
3/8	0.37500	314.3250	339.7250	365.1250	390.5250	415.9250	441.3250	466.7250	492.1250	517.5250	542.9250	568.3250	593.7250
13/32	0.40625	315.1188	340.5188	365.9188	391.3188	416.7188	442.1188	467.5188	492.9188	518.3188	543.7188	569.1188	594.5188
7/16	0.43750	315.9125	341.3125	366.7125	392.1125	417.5125	442.9125	468.3125	493.7125	519.1125	544.5125	569.9125	595.3125
15/32	0.46875	316.7063	342.1063	367.5063	392.9063	418.3063	443.7063	469.1063	494.5063	519.9063	545.3063	570.7063	596.1063
1/2	0.50000	317.5000	342.9000	368.3000	393.7000	419.1000	444.5000	469.9000	495.3000	520.7000	546.1000	571.5000	596.9000
17/32	0.53125	318.2938	343.6938	369.0938	394.4938	419.8938	445.2938	470.6938	496.0938	521.4938	546.8938	572.2938	597.6938
9/16	0.56250	319.0875	344.4875	369.8875	395.2875	420.6875	446.0875	471.4875	496.8875	522.2875	547.6875	573.0875	598.4875
19/32	0.59375	319.8813	345.2813	370.6813	396.0813	421.4813	446.8813	472.2813	497.6813	523.0813	548.4813	573.8813	599.2813
5/8	0.62500	320.6750	346.0750	371.4750	396.8750	422.2750	447.6750	473.0750	498.4750	523.8750	549.2750	574.6750	600.0750
21/32	0.65625	321.4688	346.8688	372.2688	397.6688	423.0688	448.4688	473.8688	499.2688	524.6688	550.0688	575.4688	600.8688
11/16	0.68750	322.2625	347.6625	373.0625	398.4625	423.8625	449.2625	474.6625	500.0625	525.4625	550.8625	576.2625	601.6625
23/32	0.71875	323.0563	348.4563	373.8563	399.2563	424.6563	450.0563	475.4563	500.8563	526.2563	551.6563	577.0563	602.4563
3/4	0.75000	323.8500	349.2500	374.6500	400.0500	425.4500	450.8500	476.2500	501.6500	527.0500	552.4500	577.8500	603.2500
25/32	0.78125	324.6438	350.0438	375.4438	400.8438	426.2438	451.6438	477.0438	502.4438	527.8438	553.2438	578.6438	604.0438
13/16	0.81250	325.4375	350.8375	376.2375	401.6375	427.0375	452.4375	477.8375	503.2375	528.6375	554.0375	579.4375	604.8375
27/32	0.84375	326.2313	351.6313	377.0313	402.4313	427.8313	453.2313	478.6313	504.0313	529.4313	554.8313	580.2313	605.6313
7/8	0.87500	327.0250	352.4250	377.8250	403.2250	428.6250	454.0250	479.4250	504.8250	530.2250	555.6250	581.0250	606.4250
29/32	0.90625	327.8188	353.2188	378.6188	404.0188	429.4188	454.8188	480.2188	505.6188	531.0188	556.4188	581.8188	607.2188
15/16	0.93750	328.6125	354.0125	379.4125	404.8125	430.2125	455.6125	481.0125	506.4125	531.8125	557.2125	582.6125	608.0125
31/32	0.96875	329.4063	354.8063	380.2063	405.6063	431.0063	456.4063	481.8063	507.2063	532.6063	558.0063	583.4063	608.8063

Koken WARRANTY TORQUES — DIN ISO STANDARDS — ANSI STANDARDS

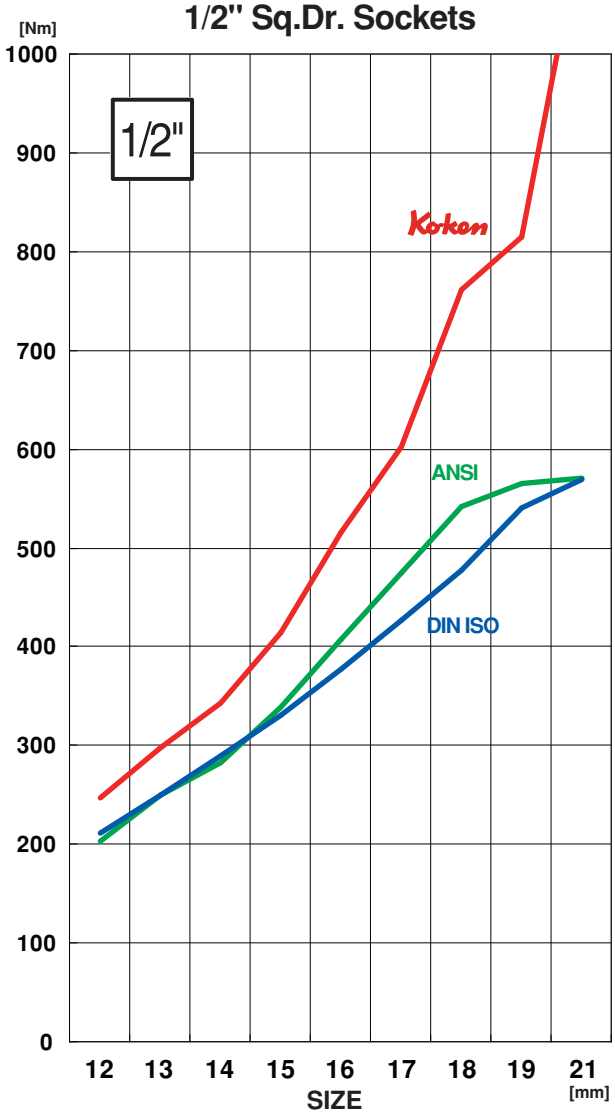
1/4" Sq.Dr. Sockets



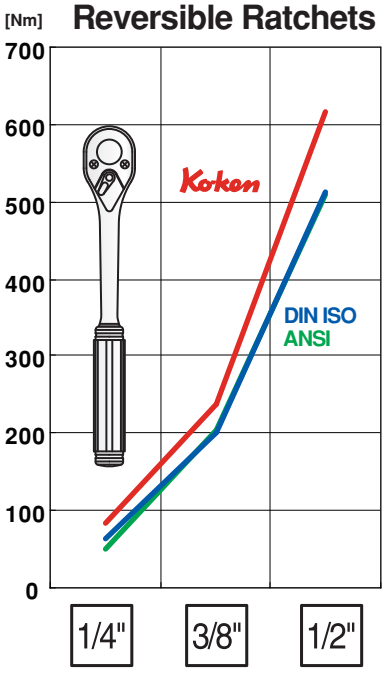
3/8" Sq.Dr. Sockets



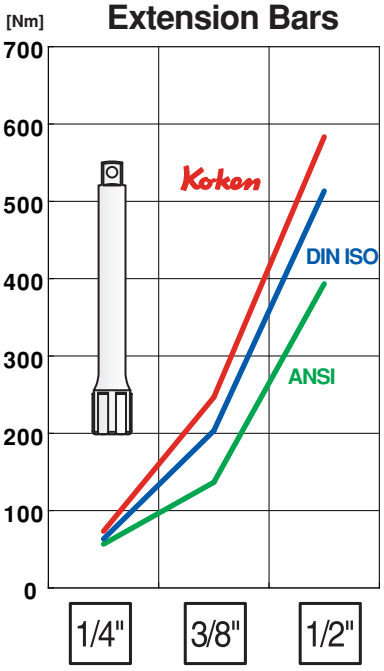
1/2" Sq.Dr. Sockets



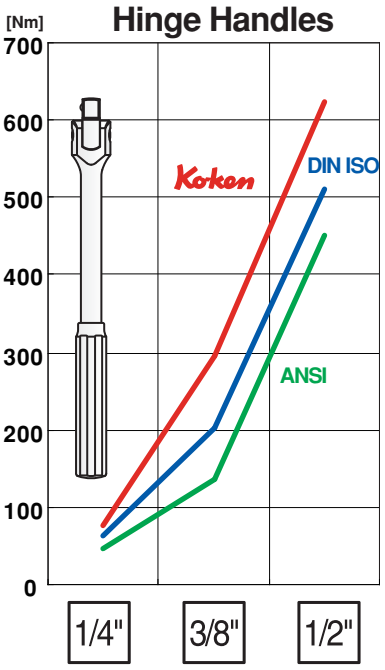
Reversible Ratchets



Extension Bars



Hinge Handles



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