

**DRIVE'S**  
TOOLS



## CATALOGUE 07/NL

Impact Sockets / Power Bits  
Spark Proof Sockets / Special Production

**DRIVE'S**  
TOOLS



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# Profilo Azienda

Con l'avvento degli avvitatori pneumatici e lo sviluppo dei sistemi multipli robotizzati, si è sempre più delineata l'esigenza di utensili di alta qualità e funzionalità.

È in questo clima che nel 1974 viene fondata la **Drive's**, azienda specializzata nella produzione di chiavi a bussola a macchina ed utensili speciali.

Grazie ad un processo produttivo sviluppato da tecnologie avanzate nel campo della deformazione a freddo degli acciai ed a fornitori altamente qualificati, la Drive's è stata subito in grado di produrre una gamma completa di soluzioni specifiche di alta qualità per i problemi dei serraggi industriali.

Negli anni, la Drive's ha allacciato rapporti di cooperazione commerciale e tecnologica di lungo termine con i suoi clienti e fornito eccellenti servizi, puntando sulla continua innovazione tramite l'uso di tecnologie avanzate.

Grazie ad un ufficio tecnico interno, ad un'officina meccanica dotata di numerose macchine utensili a controllo numerico CNC e ad un reparto di riparazione e manutenzione, la Drive's offre un pacchetto completo di prodotti e servizi per assistere il cliente dalla richiesta al post vendita.

La Drive's è dotata di un laboratorio di test e collaudo interno, dove vengono effettuati i controlli di qualità e le prove di rottura e di durata sugli utensili.

Le chiavi a bussola a macchina Drive's sono prodotte secondo le norme ISO 2725-2 e ISO 1174-2 in acciai legati ad alta resistenza e finite con fosfatazione nera.

In questo catalogo viene presentata la gamma degli utensili di normale produzione, la quale rappresenta solo una parte di ciò che la Drive's è in grado di costruire. Grazie ad un processo produttivo altamente flessibile e dinamico, la Drive's è in grado di produrre chiavi a bussola personalizzate ed utensili a disegno.



## COMPANY PROFILE

With the advent of pneumatic tools and the development of multiple robotic systems, the demand for high quality and functional tools has grown. In response to this, Drive's was established in 1974 as a manufacturing company specializing in the production of impact sockets and custom-made tools.

Thanks to a production process developed with advanced technologies in the field of cold forged steel, Drive's has always been able to provide a full range of specific high quality solutions for industrial tightening problems.

Throughout the years, Drive's has built long term relationships with its clients and suppliers in order to provide exceptional customer service, pursuing business through innovation and advanced technologies.

With a dedicated technical support department, a CNC machine tool workshop and a repair/maintenance division, Drive's offers a complete package of products and services in order to fully assist and serve the customer from the enquiry to the after-sale.

Drive's also offers a test laboratory where quality control and destruction and durability tests are performed on the products.

Drive's impact sockets are made of high resistance extra alloy steels according to the ISO 2725-2 and ISO 1174-2 standards, and black finished.

In this catalogue, we present the standard production of tools, which is only a part of what Drive's can build. Thanks to a highly flexible and dynamic production process, Drive's is able to produce customized sockets and tools upon demand.

## PROFIL DE L'ENTREPRISE

*Avec l'arrivée des visseuses pneumatiques et le développement des systèmes multiples robotisés, les besoins d'outils de haute performance et de grande précision s'est accrue. C'est dans ce contexte qu'en 1974 Drive's s'est fondée comme entreprise spécialisée dans la production de douilles à choc et outils spéciaux.*

*Grâce à un processus de fabrication particulièrement développé et à des technologies de pointes dans le domaine de la déformation à froid des aciers et avec des techniciens hautement qualifiés, Drive's a été rapidement en mesure de produire une gamme complète de solutions spécifiques de haute qualité pour les problèmes de vissage.*

*Au fil des années, Drive's a construit des rapports de coopération commerciale et de technologie durable avec ses clients en fournissant des services de qualité en visant la poursuite de l'innovation des technologies avancées.*

*Grâce à son bureau d'étude technique, à son usine mécanique équipée de plusieurs machines-outils à commandes numériques CNC et à son département de réparation et maintenance, Drive's offre un package complet de produits et services pour assister ses clients de la demande jusqu'au service après-vente.*

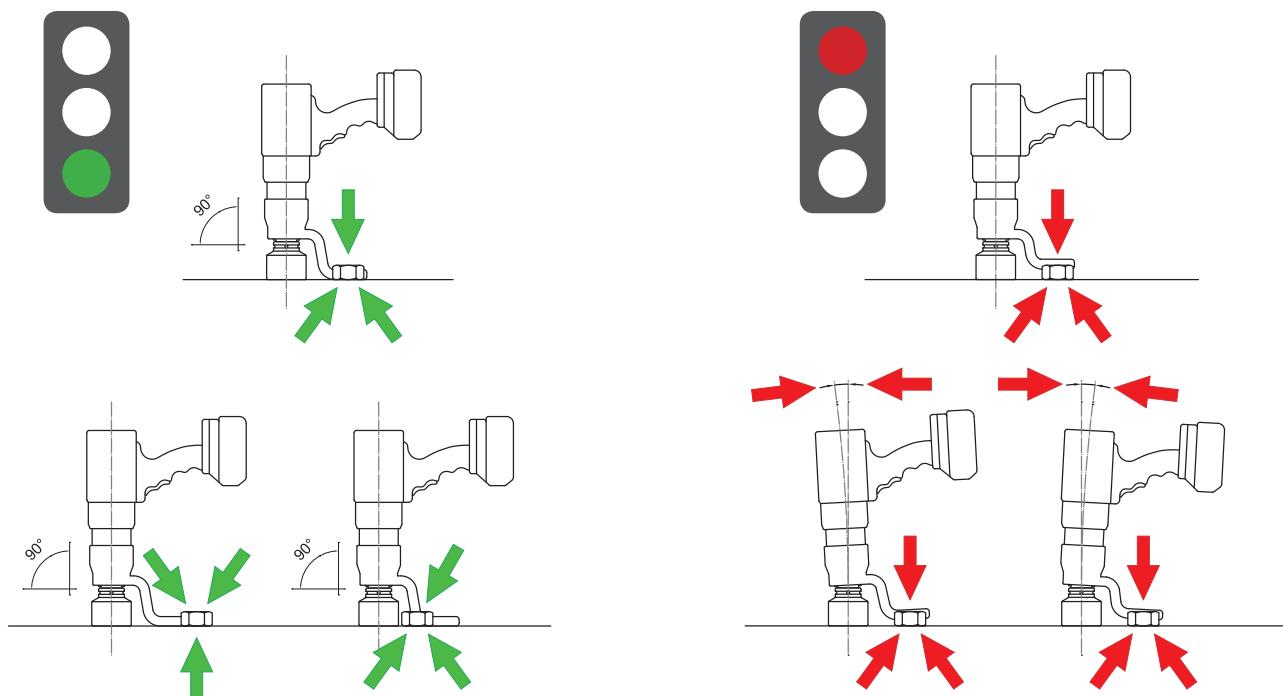
*Drive's est équipé d'un laboratoire où sont effectués les contrôles de qualité et les essais de rupture et durabilité des outils. Les douilles à choc Drive's sont produites selon les normes ISO 2725-2 et ISO 1174-2 en aciers fortement alliés et phosphatées noires.*

*Dans ce catalogue, nous vous présentons une gamme d'outils de production standard, qui représente seulement une partie de ce que Drive's peut fabriquer.*

*Grâce à un processus de fabrication très flexible et dynamique, Drive's est en mesure de produire des douilles à choc spécifiques ainsi que tout autre outil sur demande.*

# Istruzioni di Sicurezza

- 1** Indossare sempre Dispositivi di Protezione Individuale (DPI) quando si utilizzano chiavi a bussola 
- 2** Non toccare le chiavi a bussola durante l'utilizzo
- 3** Verificare periodicamente l'usura e la pulizia degli utensili: le chiavi a bussola che presentano incrinature, ammaccature e deformazioni devono essere sostituite cautelativamente
- 4** In caso di attacchi quadri con trattenitori a perno o sfera, calzare la chiave a bussola in corrispondenza del foro di trattenimento
- 5** Utilizzare sempre sistemi di ritenuta quali spina ed anello
- 6** Minimizzare l'utilizzo di connessioni multiple quali varie prolunghe, snodi e riduzioni in sequenza
- 7** L'utilizzo di adattatori quali riduzioni ed aumentatori dev'essere inteso come temporaneo, in quanto vengono superati i parametri di coppia e numero di giri massimi sopportabili
- 8** Utilizzare sempre la chiave a bussola di dimensione corretta in base al bullone da serrare
- 9** Mantenere l'asse della chiave a bussola allineato con quello del bullone (vedere l'immagine)
- 10** In caso di uso di sistemi con barra di reazione, assicurarsi che la reazione avvenga sullo stesso piano della chiave a bussola (vedere immagine)
- 11** Ogni modifica apportata ai nostri prodotti senza il consenso del nostro Ufficio Tecnico causerà la perdita della garanzia
- 12** Si ricorda che ogni chiave a bussola ha un proprio limite di resistenza. Il nostro Servizio Tecnico è a disposizione per trovare la soluzione più consona e sicura per ogni esigenza



# Safety Instructions

- ① Always wear Personal Protective Equipment (PPE) when using impact sockets     
- ② Do not handle impact sockets while in use
- ③ Periodically inspect the tools for wear and cleanliness: impact sockets showing cracks, dents and deformations have to be replaced as a precaution
- ④ When using with a square drive tool with ball or locking pin, engage the impact socket in conjunction with the locking hole
- ⑤ Always use retainers such as pin and ring
- ⑥ Minimize the use of multiple connections such as extensions, joints and adaptors in sequence
- ⑦ The use of adaptors should be temporary only since maximum torque and revolutions that the socket can withstand may be exceeded
- ⑧ Always use the correct A/F size of the impact socket depending on the bolt to tighten
- ⑨ Keep the socket axis aligned with the bolt's (see the picture on the side)
- ⑩ In case of devices with reaction arm, make sure that reaction takes place on the same surface of the socket's (see the picture on the side)
- ⑪ Warranty void if product is modified without prior consent of our Technical Department
- ⑫ Please note that every impact socket has its own tensile strength. Our Technical Department is at your service to find the most suitable and safe solution for your needs

## Notice de Sécurité

- ① Toujours porter Équipements de Protection Individuelle (EPI) en utilisant des douilles     
- ② Ne pas toucher les douilles pendant l'utilisation
- ③ Vérifier périodiquement l'usure et la propreté des outils : les douilles qui montrent des fêlures, des bosses et des déformations doivent être remplacées par précaution
- ④ Pour les carrés conducteurs avec goupille ou bille, engager la douille en correspondance du trou de retenue
- ⑤ Toujours utiliser des systèmes de retenue comme goupille et jonc
- ⑥ Eviter l'utilisation de rallonges, cardans et adaptateurs en séquence multiple
- ⑦ L'utilisation de réducteurs ou augmentateurs doit rester exceptionnel afin d'éviter tous risques de rupture voir dépasser les capacités de la douille (couple et numéro maximum de tours)
- ⑧ Toujours utiliser la dimension correcte de la douille selon le boulon à visser
- ⑨ Tenir l'axe de la douille aligné avec celui du boulon (voir l'image à côté)
- ⑩ En cas de systèmes avec bras de réaction, s'assurer que la réaction arrive sur le même plan que la douille (voir l'image à côté)
- ⑪ Toutes les modifications apportées à nos produits sans le consentement de notre Bureau Technique vont causer la perte de garantie
- ⑫ On vous rappelle que chaque douille a sa propre limite de résistance. Notre Bureau Technique est à votre service pour trouver la solution la plus sûre et conforme à vos exigences

# Chiavi a Bussola Standard

Standard impact sockets / Douilles à choc standard



## Legenda simboli

Symbol key / Légende des symboles

-  **Esagono femmina**  
Female 6-point / 6-pans femelle
-  **Esagono maschio**  
Male 6-point / 6-pans mâle
-  **Quadro femmina**  
Female square 4-point / Carré femelle 4-pans
-  **Quadro maschio**  
Male square / Carré mâle
-  **Poligono femmina doppio esagono**  
Female 12-point / 12-pans femelle
-  **TX femmina**  
Female TX / TX femelle
-  **TX maschio**  
Male TX / TX mâle
-  **Doppio quadro femmina**  
Female 8-point / 8-pans femelle
-  **Scanalatura femmina**  
Female spline / Cannelure femelle
-  **Porta inserto**  
Bit holder / Porte embout
-  **Inserto**  
Bit / Embout
-  **Filetto**  
Thread / Filetage
-  **Peso**  
Weight / Poids
-  **Trattenitori**  
Retainers / Systèmes de Retenue
-  **Spina**  
Pin / Goupille
-  **Anello**  
Ring / Jonc

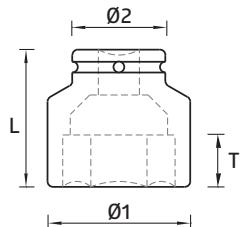




## Chiavi a Bussola Esagonali

6-point Sockets / Douilles 6-pans

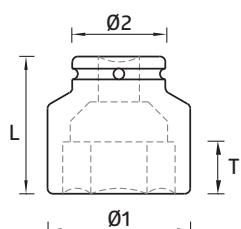
ISO 2725-2



| mm<br>in | CODE  | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g  |   |
|----------|-------|----------|----------|---------|---------|----|---|
| 3,2 1/8" | A3.2  | 6,8      | 13       | 25      | 1,6     | 12 | A |
| 3,5      | A3.5  | 7        | 13       | 25      | 1,7     | 12 | A |
| 4        | A4    | 7,8      | 13       | 25      | 2       | 12 | A |
| 4,5      | A4.5  | 8,4      | 13       | 25      | 2,2     | 14 | A |
| 3/16"    | A3/16 | 8,8      | 13       | 25      | 2,5     | 14 | A |
| 5        | A5    | 9        | 13       | 25      | 2,5     | 12 | A |
| 5,5      | A5.5  | 9,5      | 13       | 25      | 3       | 14 | A |
| 6        | A6    | 10,3     | 13       | 25      | 3,5     | 12 | A |
| 1/4"     | A1/4  | 10,8     | 13       | 25      | 3,5     | 16 | A |
| 7        | A7    | 11,5     | 13       | 25      | 4       | 14 | A |
| 8 5/16"  | A8    | 12,5     | 13       | 25      | 5       | 12 | A |
| 9        | A9    | 14       | 13       | 25      | 5       | 16 | A |
| 3/8"     | A3/8  | 14,7     | 13       | 25      | 6       | 20 | A |
| 10       | A10   | 15       | 13       | 25      | 6       | 18 | A |
| 11 7/16" | A11   | 16,5     | 13       | 25      | 7       | 20 | A |
| 12       | A12   | 17,5     | 13       | 25      | 8       | 22 | A |
| 1/2"     | A1/2  | 18,6     | 13       | 25      | 8       | 24 | A |
| 13       | A13   | 19       | 13       | 25      | 8       | 24 | A |
| 14       | A14   | 20       | 13       | 25      | 10      | 24 | A |
| 9/16"    | A9/16 | 20       | 13       | 25      | 10      | 24 | A |

## Chiavi a Bussola Surface

Surface Drive Sockets / Surface Drive Douilles



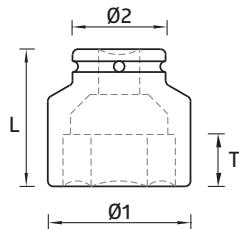
| mm<br>in | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g  |   |
|----------|--------|----------|----------|---------|---------|----|---|
| 6        | A6 SF  | 10,3     | 13       | 25      | 3,5     | 12 | A |
| 8 5/16"  | A8 SF  | 12,5     | 13       | 25      | 5       | 12 | A |
| 10       | A10 SF | 15       | 13       | 25      | 6       | 18 | A |
| 13       | A13 SF | 19       | 13       | 25      | 8       | 24 | A |

I valori possono variare senza preavviso - I valori di peso sono indicativi.

Values may change without prior notice - Weight values are approximate. / Les valeurs peuvent changer sans préavis - Les valeurs de poids sont indicatives.

## Chiavi a Bussola Esagonali con Magnete

6-point Sockets with Magnet / Douilles 6-pans avec Aimant



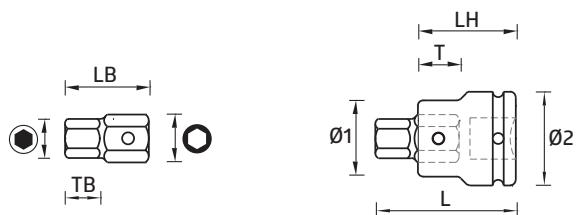
| mm<br>in | CODE            | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g    |   |
|----------|-----------------|----------|----------|---------|---------|------|---|
| 5        | <b>RA5 MG</b>   | 8,8      | 13       | 23      | 3       | 21   | A |
| 5,5      | <b>RA5,5 MG</b> | 9,5      | 13       | 23      | 3       | 21   | A |
| 6        | <b>RA6 MG</b>   | 10       | 13       | 23      | 3       | 21   | A |
| 7        | <b>RA7 MG</b>   | 11,3     | 13       | 23      | 3       | 21   | A |
| 8 5/16"  | <b>RA8 MG</b>   | 12,5     | 13       | 23      | 3       | 21   | A |
| 9        | <b>RA9 MG</b>   | 13,8     | 13       | 23      | 4       | 21   | A |
| 10       | <b>RA10 MG</b>  | 15       | 13       | 23      | 4       | 21   | A |
| 11 7/16" | <b>RA11 MG</b>  | 16,3     | 13       | 23      | 5       | 21   | A |
| 12       | <b>RA12 MG</b>  | 17       | 13       | 23      | 5       | 21   | A |
| 13       | <b>RA13 MG</b>  | 18,8     | 13       | 23      | 5       | 31,5 | A |
| 14       | <b>RA14 MG</b>  | 20       | 13       | 23      | 6       | 31,5 | A |

## Chiavi per Esagoni Cavi

Allen-Head Sockets / Embouts

**ISO 2351-3**  
**ISO 1173**

| mm<br>mm | CODE         | Ø1<br>mm | Ø2<br>mm | L<br>mm | LH<br>mm | T<br>mm | Ø<br>mm  | LB<br>mm | TB<br>mm | g  |   | g   | g  | g     |   |
|----------|--------------|----------|----------|---------|----------|---------|----------|----------|----------|----|---|-----|----|-------|---|
| 3        | <b>AA3M</b>  | 12       | 13       | 41      | 26       | 10      | 1/4" - D | 25       | 5        | 20 | A | AAD | 16 | AC3M  | 4 |
| 4        | <b>AA4M</b>  | 12       | 13       | 41      | 26       | 10      | 1/4" - D | 25       | 6        | 20 | A | AAD | 16 | AC4M  | 4 |
| 5        | <b>AA5M</b>  | 12       | 13       | 41      | 26       | 10      | 1/4" - D | 25       | 7,5      | 22 | A | AAD | 16 | AC5M  | 6 |
| 6        | <b>AA6M</b>  | 12       | 13       | 41      | 26       | 10      | 1/4" - D | 25       | 9        | 22 | A | AAD | 16 | AC6M  | 6 |
| 8        | <b>AA8M</b>  | 12       | 13       | 41      | 26       | 10      | 1/4" - D | 25       | 12,5     | 24 | A | AAD | 16 | AC8M  | 8 |
| 10       | <b>AA10M</b> | 12       | 13       | 46      | 26       | 10      | 1/4" - D | 25       | 12,5     | 24 | A | AAD | 16 | AC10M | 8 |



I valori possono variare senza preavviso - I valori di peso sono indicativi.

Values may change without prior notice - Weight values are approximate. / Les valeurs peuvent changer sans préavis - Les valeurs de poids sont indicatives.

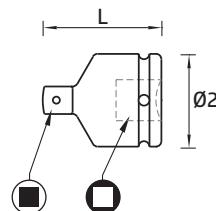


## Adattatori

Adaptors / Adaptateurs



|      |      | CODE | $\varnothing_2$<br>mm | L<br>mm |    |   | Aggancio<br>Locking / Verrouillage |
|------|------|------|-----------------------|---------|----|---|------------------------------------|
| 1/4" | 3/8" | AB   | 13                    | 25      | 16 | A | Sfera<br>Ball / Bille              |

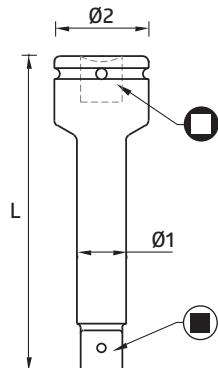


## Prolunghe

Extensions / Rallonges



|      |      | CODE | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm | L<br>mm | L<br>in |    |   | Aggancio<br>Locking / Verrouillage |
|------|------|------|-----------------------|-----------------------|---------|---------|----|---|------------------------------------|
| 1/4" | 1/4" | AA2  | 8                     | 13                    | 50      | 2       | 24 | A | Sfera<br>Ball / Bille              |
| 1/4" | 1/4" | AA4  | 8                     | 13                    | 100     | 4       | 46 | A | Sfera<br>Ball / Bille              |



I valori possono variare senza preavviso - I valori di peso sono indicativi.

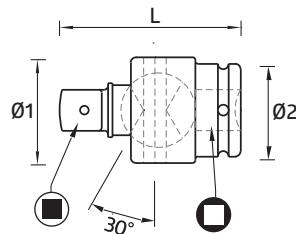
Values may change without prior notice - Weight values are approximate. / Les valeurs peuvent changer sans préavis - Les valeurs de poids sont indicatives.

## Snodo

Universal Joint / Cardan Universel



|      |      | CODE | Ø1<br>mm | Ø2<br>mm | L<br>mm | g  |   | Aggancio<br>Locking / Verrouillage |
|------|------|------|----------|----------|---------|----|---|------------------------------------|
| 1/4" | 1/4" | AA   | 16,5     | 13       | 36      | 22 | A | Sfera<br>Ball / Bille              |



## Trattenitori

Retainers / Systèmes de Retenue



|   | L<br>mm | Ø<br>mm |
|---|---------|---------|
| A | 10      | 1,5     |

|   | Ø1<br>mm | Ø2<br>mm |
|---|----------|----------|
| A | 2,5      | 9        |

|   | Ø2<br>mm |
|---|----------|
| A | 1/4"     |

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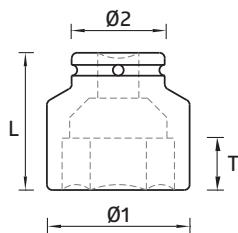
## Chiavi a Bussola Esagonali

6-point Sockets / Douilles 6-pans

ISO 2725-2



| mm<br>in | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g  |    |
|----------|--------|----------|----------|---------|---------|----|----|
| 6        | B6     | 11,5     | 19       | 32      | 3,5     | 30 | B  |
| 1/4"     | B1/4   | 12       | 19       | 32      | 3,5     | 32 | B  |
| 7        | B7     | 12,5     | 19       | 32      | 4       | 34 | B  |
| 8 5/16"  | B8     | 14       | 19       | 32      | 5       | 30 | B  |
| 9        | B9     | 15       | 19       | 32      | 5       | 34 | B  |
| 3/8"     | B3/8   | 16       | 19       | 32      | 6       | 36 | B  |
| 10       | B10    | 16,5     | 19       | 32      | 6       | 38 | B  |
| 11 7/16" | B11    | 17,5     | 19       | 32      | 7       | 38 | B  |
| 12       | B12    | 19       | 19       | 32      | 8       | 40 | B  |
| 1/2"     | B1/2   | 20       | 22       | 32      | 8       | 50 | B1 |
| 13       | B13    | 20       | 22       | 32      | 8       | 50 | B1 |
| 14       | B14    | 21,5     | 22       | 32      | 10      | 55 | B1 |
| 9/16"    | B9/16  | 21,5     | 22       | 32      | 10      | 55 | B1 |
| 15       | B15    | 22,5     | 22       | 32      | 10      | 55 | B1 |
| 16 5/8"  | B16    | 24       | 22       | 32      | 10      | 60 | B1 |
| 17       | B17    | 25       | 22       | 32      | 10      | 65 | B1 |
| 11/16"   | B11/16 | 26       | 22       | 32      | 10      | 75 | B1 |
| 18       | B18    | 26,5     | 22       | 32      | 12      | 80 | B1 |
| 19 3/4"  | B19    | 27,7     | 22       | 32      | 12      | 85 | B1 |
| 21       | B21    | 30       | 25       | 34      | 14      | 95 | C  |
| 22 7/8"  | B22    | 31,5     | 25       | 34      | 14      | 95 | C  |



I valori possono variare senza preavviso - I valori di peso sono indicativi.

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**B - 3/8"**

ATTACCO QUADRO

SQUARE DRIVE / CARRE CONDUCTEUR

ISO 1174-2



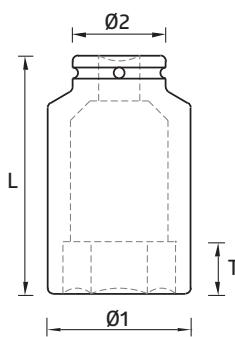
# Chiavi a Bussola Esagonali Lunghe

6-point Sockets Deep / Douilles 6-pans Longues

ISO 2725-2



| mm<br>in | CODE           | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm | L<br>mm | T<br>mm | g   |    |
|----------|----------------|-----------------------|-----------------------|---------|---------|-----|----|
| 6        | <b>B6L</b>     | 11,5                  | 19                    | 65      | 3,5     | 40  | B  |
| 1/4"     | <b>B1/4L</b>   | 12                    | 19                    | 65      | 3,5     | 45  | B  |
| 7        | <b>B7L</b>     | 12,5                  | 19                    | 65      | 4       | 50  | B  |
| 8 5/16"  | <b>B8L</b>     | 14                    | 19                    | 65      | 5       | 60  | B  |
| 9        | <b>B9L</b>     | 15                    | 19                    | 65      | 5       | 70  | B  |
| 3/8"     | <b>B3/8L</b>   | 16                    | 19                    | 65      | 6       | 75  | B  |
| 10       | <b>B10L</b>    | 16,5                  | 19                    | 65      | 6       | 80  | B  |
| 11 7/16" | <b>B11L</b>    | 17,5                  | 19                    | 65      | 7       | 85  | B  |
| 12       | <b>B12L</b>    | 19                    | 19                    | 65      | 8       | 95  | B  |
| 1/2"     | <b>B1/2L</b>   | 20                    | 22                    | 65      | 8       | 100 | B1 |
| 13       | <b>B13L</b>    | 20                    | 22                    | 65      | 8       | 110 | B1 |
| 14       | <b>B14L</b>    | 21,5                  | 22                    | 65      | 10      | 120 | B1 |
| 9/16"    | <b>B9/16L</b>  | 21,5                  | 22                    | 65      | 10      | 120 | B1 |
| 15       | <b>B15L</b>    | 22,5                  | 22                    | 65      | 10      | 120 | B1 |
| 16 5/8"  | <b>B16L</b>    | 24                    | 22                    | 65      | 10      | 130 | B1 |
| 17       | <b>B17L</b>    | 25                    | 22                    | 65      | 10      | 140 | B1 |
| 11/16"   | <b>B11/16L</b> | 26                    | 22                    | 65      | 10      | 150 | B1 |
| 18       | <b>B18L</b>    | 26,5                  | 22                    | 65      | 12      | 160 | B1 |
| 19 3/4"  | <b>B19L</b>    | 27,7                  | 22                    | 65      | 12      | 165 | B1 |
| 21       | <b>B21L</b>    | 30                    | 25                    | 70      | 14      | 185 | C  |
| 22 7/8"  | <b>B22L</b>    | 31,5                  | 25                    | 70      | 14      | 210 | C  |



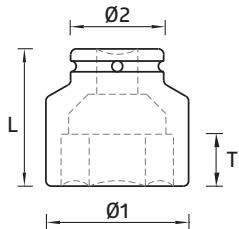
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## Chiavi a Bussola Esagonali con Magnete

6-point Sockets with Magnet / Douilles 6-pans avec Aimant



| mm<br>in | CODE    | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g    |    |
|----------|---------|----------|----------|---------|---------|------|----|
| 6        | RB6 MG  | 11,5     | 19       | 30      | 3       | 42   | B  |
| 7        | RB7 MG  | 12,5     | 19       | 30      | 3       | 42   | B  |
| 8 5/16"  | RB8 MG  | 14       | 19       | 30      | 3       | 42   | B  |
| 9        | RB9 MG  | 15       | 19       | 30      | 4       | 42   | B  |
| 10       | RB10 MG | 16,5     | 19       | 30      | 4       | 42   | B  |
| 11 7/16" | RB11 MG | 17,5     | 19       | 30      | 5       | 42   | B  |
| 12       | RB12 MG | 19       | 19       | 30      | 5       | 42   | B  |
| 13       | RB13 MG | 20       | 22       | 30      | 5       | 52,5 | B1 |
| 14       | RB14 MG | 21,5     | 22       | 30      | 6       | 52,5 | B1 |
| 15       | RB15 MG | 22       | 22       | 30      | 6       | 63   | B1 |
| 16 5/8"  | RB16 MG | 24       | 22       | 30      | 6       | 63   | B1 |
| 17       | RB17 MG | 25       | 22       | 30      | 6       | 73,5 | B1 |
| 18       | RB18 MG | 26       | 22       | 30      | 7       | 73,5 | B1 |
| 19 3/4"  | RB19 MG | 27,5     | 22       | 30      | 7       | 84   | B1 |

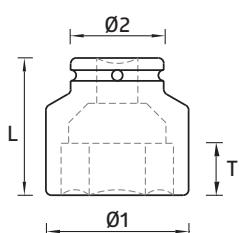
## Chiavi a Bussola Poligonali

12-point Sockets / Douilles 12-pans

ISO 2725-2



| mm<br>in | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g  |    |
|----------|--------|----------|----------|---------|---------|----|----|
| 8 5/16"  | B8 DE  | 14       | 19       | 32      | 5       | 30 | B  |
| 10       | B10 DE | 16,5     | 19       | 32      | 6       | 38 | B  |
| 13       | B13 DE | 20       | 22       | 32      | 8       | 50 | B1 |
| 16 5/8"  | B16 DE | 24       | 22       | 32      | 10      | 60 | B1 |
| 17       | B17 DE | 25       | 22       | 32      | 10      | 65 | B1 |
| 18       | B18 DE | 26,5     | 22       | 32      | 12      | 80 | B1 |
| 19 3/4"  | B19 DE | 27,5     | 22       | 32      | 12      | 85 | B1 |



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B - 3/8"

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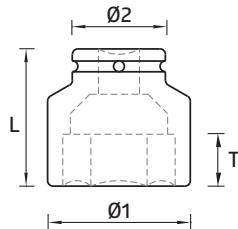


## Chiavi a Bussola Surface

Surface Drive Sockets / Surface Drive Douilles



| mm<br>in | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g  |    |
|----------|--------|----------|----------|---------|---------|----|----|
| 8 5/16"  | B8 SF  | 14       | 19       | 32      | 5       | 30 | B  |
| 10       | B10 SF | 16,5     | 19       | 32      | 6       | 38 | B  |
| 13       | B13 SF | 20       | 22       | 32      | 8       | 50 | B1 |
| 16 5/8"  | B16 SF | 24       | 22       | 32      | 10      | 60 | B1 |
| 17       | B17 SF | 25       | 22       | 32      | 10      | 65 | B1 |
| 18       | B18 SF | 26,5     | 22       | 32      | 12      | 80 | B1 |
| 19 3/4"  | B19 SF | 27,5     | 22       | 32      | 12      | 85 | B1 |

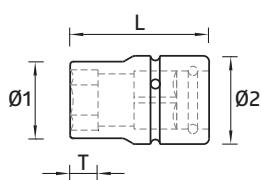


## Chiavi a Bussola con Calzata Cilindrica

Sleeve Drive Sockets / Douilles Guidées



| mm<br>in | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g  |    |
|----------|--------|----------|----------|---------|---------|----|----|
| 10       | B10SLV | 16       | 19       | 43      | 8       | 60 | B  |
| 13       | B13SLV | 20       | 22       | 43      | 9       | 70 | B1 |
| 16 5/8"  | B16SLV | 24       | 22       | 43      | 11      | 80 | B1 |
| 17       | B17SLV | 25       | 22       | 43      | 11      | 80 | B1 |
| 18       | B18SLV | 26       | 22       | 43      | 11      | 90 | B1 |
| 19 3/4"  | B19SLV | 27,5     | 22       | 43      | 11      | 95 | B1 |



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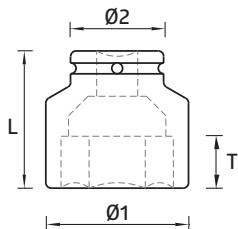


## Chiavi a Bussola TX

TX Sockets / Douilles TX



| n°  | CODE  | Ø1 mm | Ø2 mm | L mm | T mm | g  |   |
|-----|-------|-------|-------|------|------|----|---|
| E5  | RBE5  | 9     | 19    | 32   | 4,5  | 42 | B |
| E6  | RBE6  | 10    | 19    | 32   | 5    | 42 | B |
| E7  | RBE7  | 10    | 19    | 32   | 6    | 42 | B |
| E8  | RBE8  | 10,5  | 19    | 32   | 6    | 42 | B |
| E10 | RBE10 | 12,5  | 19    | 32   | 7,5  | 42 | B |
| E11 | RBE11 | 14,5  | 19    | 32   | 8    | 42 | B |
| E12 | RBE12 | 15    | 19    | 32   | 8,5  | 42 | B |
| E14 | RBE14 | 17,5  | 19    | 32   | 10   | 42 | B |
| E16 | RBE16 | 19    | 19    | 32   | 11   | 42 | B |
| E18 | RBE18 | 21    | 19    | 34   | 12,5 | 42 | B |

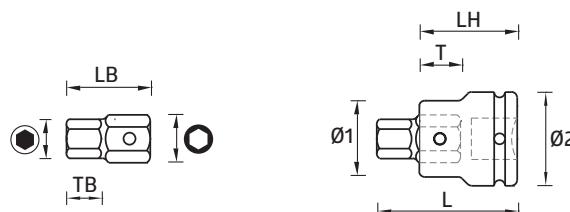


## Chiavi per Esagoni Cavi

Allen-Head Sockets / Embouts

ISO 2351-3  
ISO 1173

| mm | CODE  | Ø1 mm | Ø2 mm | L mm | LH mm | T mm |          | LB mm | TB mm | g  |   |     |    |       |   |
|----|-------|-------|-------|------|-------|------|----------|-------|-------|----|---|-----|----|-------|---|
| 4  | BA4M  | 14    | 19    | 46   | 31    | 10   | 1/4" - D | 25    | 6     | 39 | B | BAD | 35 | AC4M  | 4 |
| 5  | BA5M  | 14    | 19    | 46   | 31    | 10   | 1/4" - D | 25    | 7,5   | 41 | B | BAD | 35 | AC5M  | 6 |
| 6  | BA6M  | 14    | 19    | 46   | 31    | 10   | 1/4" - D | 25    | 9     | 41 | B | BAD | 35 | AC6M  | 6 |
| 8  | BA8M  | 14    | 19    | 46   | 31    | 10   | 1/4" - D | 25    | 12,5  | 43 | B | BAD | 35 | AC8M  | 8 |
| 10 | BA10M | 14    | 19    | 51   | 31    | 10   | 1/4" - D | 25    | 12,5  | 43 | B | BAD | 35 | AC10M | 8 |



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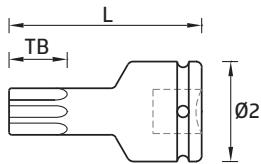


## Chiavi per Cave TX

TX-Head Sockets / Embouts TX



| n°  | CODE           | Ø2 mm | L mm | TB mm | g  |   |
|-----|----------------|-------|------|-------|----|---|
| T20 | <b>RB20 TH</b> | 19    | 50   | 3     | 36 | B |
| T25 | <b>RB25 TH</b> | 19    | 50   | 3     | 40 | B |
| T27 | <b>RB27 TH</b> | 19    | 50   | 3,8   | 40 | B |
| T30 | <b>RB30 TH</b> | 19    | 50   | 3,8   | 40 | B |
| T40 | <b>RB40 TH</b> | 19    | 50   | 4,3   | 40 | B |
| T45 | <b>RB45 TH</b> | 19    | 50   | 5     | 42 | B |
| T47 | <b>RB47 TH</b> | 19    | 50   | 5     | 46 | B |
| T50 | <b>RB50 TH</b> | 19    | 50   | 5,5   | 46 | B |
| T55 | <b>RB55 TH</b> | 19    | 50   | 5,5   | 52 | B |

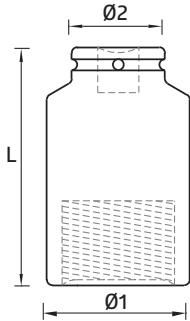


## Avvita Prigionieri

Stud Runners / Monte-goujons



|              | CODE              | Ø1 mm | Ø2 mm | L mm |    |
|--------------|-------------------|-------|-------|------|----|
| M5 x 0,8mm   | <b>RB5A TAP</b>   | 12    | 22    | 50   | B1 |
| M6 x 1mm     | <b>RB6A TAP</b>   | 12,5  | 22    | 50   | B1 |
| M8 x 1mm     | <b>RB8B TAP</b>   | 15    | 22    | 50   | B1 |
| M8 x 1,25mm  | <b>RB8A TAP</b>   | 14,5  | 22    | 50   | B1 |
| M10 x 1,25mm | <b>RB10AB TAP</b> | 18    | 22    | 50   | B1 |
| M10 x 1,5mm  | <b>RB10A TAP</b>  | 17    | 22    | 50   | B1 |
| M12 x 1,75mm | <b>RB12A TAP</b>  | 19    | 22    | 50   | B1 |



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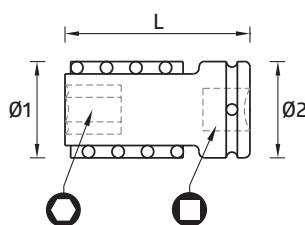


## Mandrini a Sgancio Rapido

Quick Release Chucks / Mandrins à Décrochement Rapide



|      |          | CODE   | $\varnothing_2$<br>mm | $\varnothing_1$<br>mm | L<br>mm |    |   |
|------|----------|--------|-----------------------|-----------------------|---------|----|---|
| 3/8" | 1/4" - F | BAF/CK | 19                    | 19                    | 42      | 60 | B |

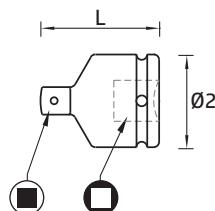


## Adattatori

Adaptors / Adaptateurs



|      |      | CODE | $\varnothing_2$<br>mm | L<br>mm |    |    | Aggancio<br>Locking / Verrouillage |
|------|------|------|-----------------------|---------|----|----|------------------------------------|
| 3/8" | 1/4" | BA   | 19                    | 32      | 30 | B1 | Sfera<br>Ball / Bille              |
| 3/8" | 1/2" | BC   | 22                    | 38      | 65 | B1 | Sfera<br>Ball / Bille              |



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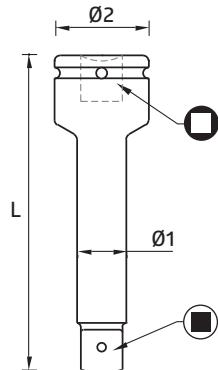
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## Prolunghе

Extensions / Rallonges

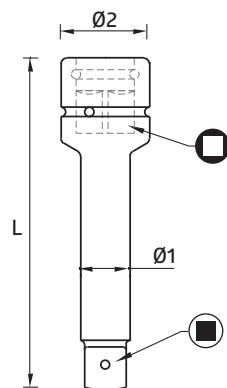


|   | CODE | $\varnothing 1$<br>mm | $\varnothing 2$<br>mm | L<br>mm | L<br>in | g   |  | Aggancio<br>Locking / Verrouillage |
|---|------|-----------------------|-----------------------|---------|---------|-----|---|------------------------------------|
| 3/8" 3/8"   | BB3  | 12,5                  | 22                    | 75      | 3       | 95  | B1  | Sfera<br>Ball / Bille              |
| 3/8" 3/8"   | BB5  | 12,5                  | 22                    | 125     | 5       | 145 | B1  | Sfera<br>Ball / Bille              |



## Prolunghе con Calzata Cilindrica

Sleeve Drive Extensions / Rallonges Guidées



|   | CODE   | $\varnothing 1$<br>mm | $\varnothing 2$<br>mm | L<br>mm | L<br>in | g   |  | Aggancio<br>Locking / Verrouillage |
|---|--------|-----------------------|-----------------------|---------|---------|-----|---|------------------------------------|
| 3/8" 3/8"   | BB3SLV | 12,5                  | 22                    | 75      | 3       | 100 | B1  | Sfera<br>Ball / Bille              |
| 3/8" 3/8"   | BB5SLV | 12,5                  | 22                    | 125     | 5       | 150 | B1  | Sfera<br>Ball / Bille              |

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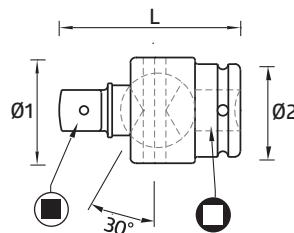


## Snodo

Universal Joint / Cardan Universel

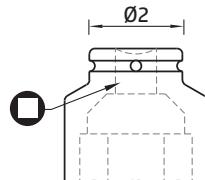
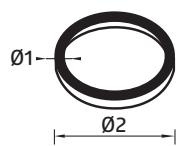


|      |      | CODE | Ø1<br>mm | Ø2<br>mm | L<br>mm | g  |    | Aggancio<br>Locking / Verrouillage |
|------|------|------|----------|----------|---------|----|----|------------------------------------|
| 3/8" | 3/8" | BB   | 25       | 22       | 46      | 80 | B1 | Sfera<br>Ball / Bille              |



## Trattenitori

Retainers / Systèmes de Retenue



|    | L<br>mm | Ø<br>mm |
|----|---------|---------|
| B  | 14      | 2,5     |
| B1 | 16      | 2,5     |
| C  | 20      | 3       |

|    | Ø1<br>mm | Ø2<br>mm |
|----|----------|----------|
| B  | 3,5      | 13       |
| B1 | 3,5      | 16       |
| C  | 4        | 19       |

|    |           | Ø2<br>mm |
|----|-----------|----------|
| B  | 3/8"      | 19       |
| B1 | 3/8"      | 22       |
| C  | 3/8"-1/2" | 25       |

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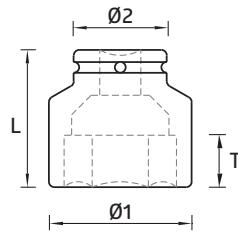
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# Chiavi a Bussola Esagonali

6-point Sockets / Douilles 6-pans

ISO 2725-2



| mm<br>in  | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |    |
|-----------|--------|----------|----------|---------|---------|-----|----|
| 8 5/16"   | C8     | 15       | 25       | 40      | 5       | 75  | C  |
| 9         | C9     | 16,5     | 25       | 40      | 5       | 70  | C  |
| 3/8"      | C3/8   | 17       | 25       | 40      | 6       | 75  | C  |
| 10        | C10    | 17,5     | 25       | 40      | 6       | 80  | C  |
| 11 7/16"  | C11    | 19       | 25       | 40      | 7       | 80  | C  |
| 12        | C12    | 20       | 25       | 40      | 8       | 80  | C  |
| 1/2"      | C1/2   | 21       | 25       | 40      | 8       | 80  | C  |
| 13        | C13    | 21,5     | 25       | 40      | 8       | 85  | C  |
| 14        | C14    | 22,5     | 25       | 40      | 10      | 85  | C  |
| 9/16"     | C9/16  | 22,5     | 25       | 40      | 10      | 85  | C  |
| 15        | C15    | 24       | 30       | 40      | 10      | 125 | C1 |
| 16 5/8"   | C16    | 25       | 30       | 40      | 10      | 120 | C1 |
| 17        | C17    | 26,5     | 30       | 40      | 10      | 125 | C1 |
| 11/16"    | C11/16 | 27       | 30       | 40      | 10      | 130 | C1 |
| 18        | C18    | 27,5     | 30       | 40      | 12      | 130 | C1 |
| 19 3/4"   | C19    | 29       | 30       | 40      | 12      | 130 | C1 |
| 20        | C20    | 30       | 30       | 40      | 12      | 130 | C1 |
| 13/16"    | C13/16 | 31       | 30       | 40      | 14      | 135 | C1 |
| 21        | C21    | 31,5     | 30       | 40      | 14      | 140 | C1 |
| 22 7/8"   | C22    | 32,5     | 30       | 40      | 14      | 140 | C1 |
| 23        | C23    | 34       | 30       | 40      | 14      | 150 | C1 |
| 24 15/16" | C24    | 35       | 30       | 45      | 16      | 175 | C1 |
| 25        | C25    | 36,5     | 30       | 45      | 16      | 180 | C1 |
| 1"        | C1     | 37       | 30       | 45      | 16      | 180 | C1 |
| 26        | C26    | 37,5     | 30       | 45      | 16      | 185 | C1 |
| 27 1"1/16 | C27    | 39       | 30       | 48      | 18      | 215 | C1 |
| 28        | C28    | 40       | 30       | 48      | 18      | 225 | C1 |
| 1"1/8     | C1.1/8 | 41       | 30       | 48      | 18      | 220 | C1 |
| 29        | C29    | 41,5     | 30       | 48      | 18      | 225 | C1 |
| 30 1"3/16 | C30    | 42,5     | 30       | 48      | 20      | 225 | C1 |
| 32 1"1/4  | C32    | 45       | 30       | 50      | 22      | 275 | C1 |
| 34        | C34    | 48       | 35       | 50      | 22      | 325 | D  |
| 36        | C36    | 50       | 35       | 50      | 24      | 325 | D  |

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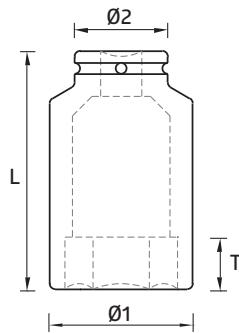
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6-point Sockets Deep / Douilles 6-pans Longues

ISO 2725-2



| mm<br>in  | CODE    | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |    |
|-----------|---------|----------|----------|---------|---------|-----|----|
| 8 5/16"   | C8L     | 15       | 25       | 85      | 5       | 125 | C  |
| 9         | C9L     | 16,5     | 25       | 85      | 5       | 130 | C  |
| 3/8"      | C3/8L   | 17       | 25       | 85      | 6       | 140 | C  |
| 10        | C10L    | 17,5     | 25       | 85      | 6       | 140 | C  |
| 11 7/16"  | C11L    | 19       | 25       | 85      | 7       | 150 | C  |
| 12        | C12L    | 20       | 25       | 85      | 8       | 160 | C  |
| 1/2"      | C1/2L   | 21       | 25       | 85      | 8       | 175 | C  |
| 13        | C13L    | 21,5     | 25       | 85      | 8       | 175 | C  |
| 14        | C14L    | 22,5     | 25       | 85      | 10      | 185 | C  |
| 9/16"     | C9/16L  | 22,5     | 25       | 85      | 10      | 185 | C  |
| 15        | C15L    | 24       | 30       | 85      | 10      | 240 | C1 |
| 16 5/8"   | C16L    | 25       | 30       | 85      | 10      | 250 | C1 |
| 17        | C17L    | 26,5     | 30       | 85      | 10      | 250 | C1 |
| 11/16"    | C11/16L | 27       | 30       | 85      | 10      | 265 | C1 |
| 18        | C18L    | 27,5     | 30       | 85      | 12      | 260 | C1 |
| 19 3/4"   | C19L    | 29       | 30       | 85      | 12      | 265 | C1 |
| 20        | C20L    | 30       | 30       | 85      | 12      | 300 | C1 |
| 13/16"    | C13/16L | 31       | 30       | 85      | 14      | 300 | C1 |
| 21        | C21L    | 31,5     | 30       | 85      | 14      | 300 | C1 |
| 22 7/8"   | C22L    | 32,5     | 30       | 85      | 14      | 325 | C1 |
| 23        | C23L    | 34       | 30       | 85      | 14      | 350 | C1 |
| 24 15/16" | C24L    | 35       | 30       | 85      | 16      | 350 | C1 |
| 25        | C25L    | 36,5     | 30       | 85      | 16      | 375 | C1 |
| 1"        | C1L     | 37       | 30       | 85      | 16      | 375 | C1 |
| 26        | C26L    | 37,5     | 30       | 85      | 16      | 375 | C1 |
| 27 1"1/16 | C27L    | 39       | 30       | 85      | 18      | 400 | C1 |
| 28        | C28L    | 40       | 30       | 85      | 18      | 425 | C1 |
| 1"1/8     | C1.1/8L | 41       | 30       | 85      | 18      | 450 | C1 |
| 29        | C29L    | 41,5     | 30       | 85      | 18      | 450 | C1 |
| 30 1"3/16 | C30L    | 42,5     | 30       | 85      | 20      | 450 | C1 |
| 32 1"1/4  | C32L    | 45       | 30       | 85      | 22      | 500 | C1 |
| 34        | C34L    | 48       | 35       | 85      | 22      | 575 | D  |

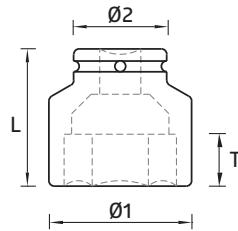
I valori possono variare senza preavviso - I valori di peso sono indicativi.

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## Chiavi a Bussola Esagonali con Magnete

6-point Sockets with Magnet / Douilles 6-pans avec Aimant

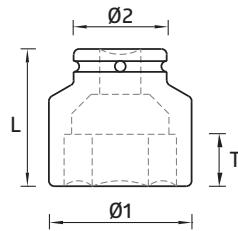


| mm<br>in  | CODE    | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g     |    |
|-----------|---------|----------|----------|---------|---------|-------|----|
| 8 5/16"   | RC8 MG  | 15       | 25       | 38      | 3       | 84    | C  |
| 9         | RC9 MG  | 16       | 25       | 38      | 4       | 84    | C  |
| 10        | RC10 MG | 17,5     | 25       | 38      | 4       | 84    | C  |
| 11 7/16"  | RC11 MG | 18,5     | 25       | 38      | 5       | 84    | C  |
| 12        | RC12 MG | 20       | 25       | 38      | 5       | 94,5  | C  |
| 13        | RC13 MG | 21       | 25       | 38      | 5       | 94,5  | C  |
| 14        | RC14 MG | 22,5     | 25       | 38      | 6       | 94,5  | C  |
| 15        | RC15 MG | 23,7     | 30       | 38      | 6       | 126   | C1 |
| 16 5/8"   | RC16 MG | 25       | 30       | 38      | 6       | 126   | C1 |
| 17        | RC17 MG | 26,5     | 30       | 38      | 6       | 126   | C1 |
| 18        | RC18 MG | 27,5     | 30       | 38      | 7       | 126   | C1 |
| 19 3/4"   | RC19 MG | 29       | 30       | 38      | 7       | 126   | C1 |
| 20        | RC20 MG | 30       | 30       | 38      | 7       | 126   | C1 |
| 21        | RC21 MG | 31       | 30       | 38      | 8       | 126   | C1 |
| 22 7/8"   | RC22 MG | 32,5     | 30       | 38      | 8       | 136,5 | C1 |
| 24 15/16" | RC24 MG | 35       | 30       | 45      | 10      | 136,5 | C1 |

## Chiavi a Bussola Poligonali

12-point Sockets / Douilles 12-pans

ISO 2725-2



| mm<br>in  | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |    |
|-----------|--------|----------|----------|---------|---------|-----|----|
| 10        | C10 DE | 17,5     | 25       | 40      | 6       | 80  | C  |
| 13        | C13 DE | 21,5     | 25       | 40      | 8       | 85  | C  |
| 16 5/8"   | C16 DE | 25       | 30       | 40      | 10      | 120 | C1 |
| 17        | C17 DE | 26,5     | 30       | 40      | 10      | 125 | C1 |
| 18        | C18 DE | 27,5     | 30       | 40      | 12      | 130 | C1 |
| 19 3/4"   | C19 DE | 29       | 30       | 40      | 12      | 130 | C1 |
| 21        | C21 DE | 31,5     | 30       | 40      | 14      | 140 | C1 |
| 22 7/8"   | C22 DE | 32,5     | 30       | 40      | 14      | 140 | C1 |
| 24 15/16" | C24 DE | 35       | 30       | 40      | 16      | 175 | C1 |

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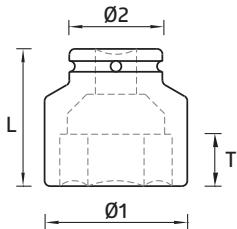


## Chiavi a Bussola Surface

Surface Drive Sockets / Surface Drive Douilles



| mm<br>in  | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |    |
|-----------|--------|----------|----------|---------|---------|-----|----|
| 10        | C10 SF | 17,5     | 25       | 40      | 6       | 80  | C  |
| 13        | C13 SF | 21,5     | 25       | 40      | 8       | 85  | C  |
| 16 5/8"   | C16 SF | 25       | 30       | 40      | 10      | 120 | C1 |
| 17        | C17 SF | 26,5     | 30       | 40      | 10      | 125 | C1 |
| 18        | C18 SF | 27,5     | 30       | 40      | 12      | 130 | C1 |
| 19 3/4"   | C19 SF | 29       | 30       | 40      | 12      | 130 | C1 |
| 21        | C21 SF | 31,5     | 30       | 40      | 14      | 140 | C1 |
| 22 7/8"   | C22 SF | 32,5     | 30       | 40      | 14      | 140 | C1 |
| 24 15/16" | C24 SF | 35       | 30       | 40      | 16      | 175 | C1 |

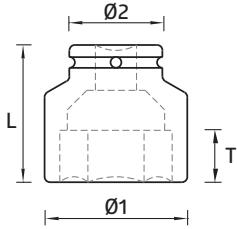


## Chiavi a Bussola Fast Drive

Fast Drive Sockets / Fast Drive Douilles



| mm<br>in  | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |    |
|-----------|--------|----------|----------|---------|---------|-----|----|
| 10        | C10 FD | 17,5     | 25       | 40      | 6       | 80  | C  |
| 13        | C13 FD | 21,5     | 25       | 40      | 8       | 85  | C  |
| 16 5/8"   | C16 FD | 25       | 30       | 40      | 10      | 120 | C1 |
| 17        | C17 FD | 26,5     | 30       | 40      | 10      | 125 | C1 |
| 18        | C18 FD | 27,5     | 30       | 40      | 12      | 130 | C1 |
| 19 3/4"   | C19 FD | 29       | 30       | 40      | 12      | 130 | C1 |
| 21        | C21 FD | 31,5     | 30       | 40      | 14      | 140 | C1 |
| 22 7/8"   | C22 FD | 32,5     | 30       | 40      | 14      | 140 | C1 |
| 24 15/16" | C24 FD | 35       | 30       | 40      | 16      | 175 | C1 |



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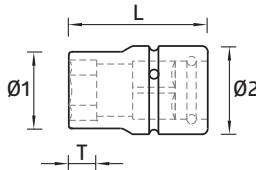


## Chiavi a Bussola con Calzata Cilindrica

Sleeve Drive Sockets / Douilles Guidées



| mm<br>in  | CODE          | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |    |
|-----------|---------------|----------|----------|---------|---------|-----|----|
| 13        | <b>C13SLV</b> | 21       | 25       | 52      | 12      | 75  | C  |
| 16 5/8"   | <b>C16SLV</b> | 25       | 30       | 52      | 12      | 175 | C1 |
| 17        | <b>C17SLV</b> | 26       | 30       | 52      | 12      | 150 | C1 |
| 18        | <b>C18SLV</b> | 27,5     | 30       | 52      | 12      | 175 | C1 |
| 19 3/4"   | <b>C19SLV</b> | 28,7     | 30       | 52      | 12      | 175 | C1 |
| 21        | <b>C21SLV</b> | 30       | 30       | 52      | 12      | 175 | C1 |
| 22 7/8"   | <b>C22SLV</b> | 32       | 30       | 52      | 12      | 200 | C1 |
| 24 15/16" | <b>C24SLV</b> | 35       | 30       | 52      | 12      | 200 | C1 |

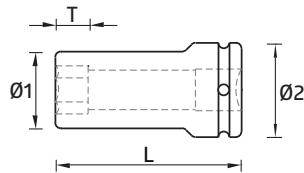


## Chiavi a Bussola Extra Sottili

Thin-Wall Sockets / Douilles à Paroi Mince



| mm<br>in | CODE         | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |    |
|----------|--------------|----------|----------|---------|---------|-----|----|
| 16 5/8"  | <b>C16TW</b> | 24       | 30       | 85      | 22      | 175 | C1 |
| 17       | <b>C17TW</b> | 25       | 30       | 85      | 22      | 175 | C1 |
| 18       | <b>C18TW</b> | 26       | 30       | 85      | 22      | 175 | C1 |
| 19 3/4"  | <b>C19TW</b> | 27,5     | 30       | 85      | 22      | 175 | C1 |
| 21       | <b>C21TW</b> | 30       | 30       | 85      | 24      | 175 | C1 |
| 22 7/8"  | <b>C22TW</b> | 31       | 30       | 85      | 24      | 200 | C1 |



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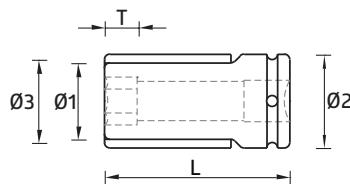


## Chiavi a Bussola Extra Sottili con Protezione

Thin-Wall Sockets with Protective Sleeve / Douilles à Paroi Mince avec Protection



| mm | CODE      | Ø1 mm | Ø2 mm | Ø3 mm | L mm | T mm |    |
|----|-----------|-------|-------|-------|------|------|----|
| 15 | RC15TW PC | 22    | 30    | 25    | 85   | 13   | C1 |
| 17 | RC17TW PC | 24    | 30    | 27    | 85   | 14   | C1 |
| 19 | RC19TW PC | 26    | 30    | 29    | 85   | 15   | C1 |
| 21 | RC21TW PC | 28    | 30    | 31    | 85   | 17   | C1 |
| 22 | RC22TW PC | 29,5  | 30    | 32,5  | 85   | 18   | C1 |

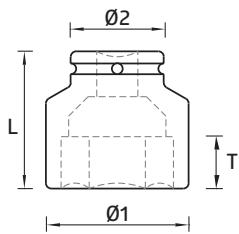


## Chiavi a Bussola TX

TX Sockets / Douilles TX



| n° | CODE | Ø1 mm | Ø2 mm | L mm | T mm | g   |    |
|----|------|-------|-------|------|------|-----|----|
| 10 | CE10 | 14    | 25    | 40   | 8    | 75  | C  |
| 12 | CE12 | 16    | 25    | 40   | 9    | 75  | C  |
| 14 | CE14 | 18    | 25    | 40   | 10   | 80  | C  |
| 16 | CE16 | 20    | 25    | 40   | 11   | 80  | C  |
| 18 | CE18 | 22    | 25    | 40   | 13   | 85  | C  |
| 20 | CE20 | 24    | 25    | 40   | 14   | 85  | C  |
| 22 | CE22 | 26    | 30    | 40   | 16   | 100 | C1 |
| 24 | CE24 | 30    | 30    | 40   | 17   | 140 | C1 |



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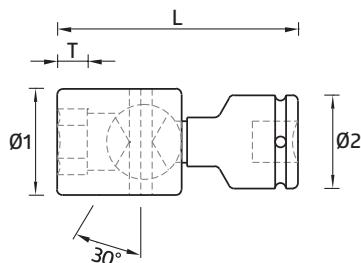
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## Chiavi a Bussola Snodate

Swivel Sockets / Douilles Cardan

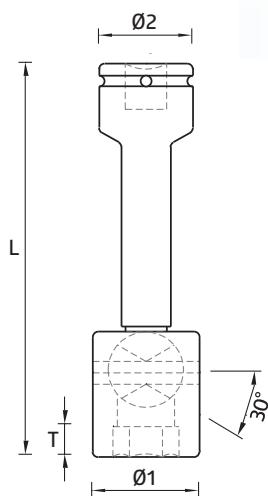


| mm<br>in  | CODE          | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   | OI |
|-----------|---------------|----------|----------|---------|---------|-----|----|
| 13        | <b>C13SWL</b> | 21,5     | 25       | 60      | 8       | 125 | C  |
| 16 5/8"   | <b>C16SWL</b> | 25       | 30       | 65      | 10      | 200 | C1 |
| 17        | <b>C17SWL</b> | 26,5     | 30       | 65      | 10      | 200 | C1 |
| 18        | <b>C18SWL</b> | 27,5     | 30       | 65      | 10      | 200 | C1 |
| 19 3/4"   | <b>C19SWL</b> | 29       | 30       | 65      | 10      | 200 | C1 |
| 21        | <b>C21SWL</b> | 31,5     | 30       | 70      | 14      | 250 | C1 |
| 22 7/8"   | <b>C22SWL</b> | 32,5     | 30       | 70      | 14      | 250 | C1 |
| 24 15/16" | <b>C24SWL</b> | 35       | 30       | 70      | 16      | 300 | C1 |



## Chiavi a Bussola Snodate Lunghe

Swivel Sockets Long / Douilles Cardan Longues



| mm<br>in  | CODE           | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   | OI |
|-----------|----------------|----------|----------|---------|---------|-----|----|
| 10        | <b>C10SWL7</b> | 17,5     | 25       | 180     | 6       | 275 | C  |
| 13        | <b>C13SWL7</b> | 21,5     | 25       | 180     | 8       | 275 | C  |
| 16 5/8"   | <b>C16SWL7</b> | 25       | 30       | 180     | 10      | 425 | C1 |
| 17        | <b>C17SWL7</b> | 26,5     | 30       | 180     | 10      | 425 | C1 |
| 18        | <b>C18SWL7</b> | 27,5     | 30       | 180     | 10      | 425 | C1 |
| 19 3/4"   | <b>C19SWL7</b> | 29       | 30       | 180     | 10      | 425 | C1 |
| 21        | <b>C21SWL7</b> | 31,5     | 30       | 180     | 14      | 500 | C1 |
| 22 7/8"   | <b>C22SWL7</b> | 32,5     | 30       | 180     | 14      | 525 | C1 |
| 24 15/16" | <b>C24SWL7</b> | 35       | 30       | 180     | 16      | 575 | C1 |

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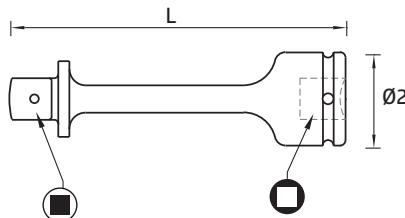


## Barre di Torsione

Torque Sticks / Barres de Torsion



| Coppia<br>Torque / Couple | CODE    |      |      | $\varnothing_2$<br>mm | L<br>mm |     |   | Aggancio<br>Locking / Verrouillage |
|---------------------------|---------|------|------|-----------------------|---------|-----|---|------------------------------------|
| ~ 80                      | CCTQ80  | 1/2" | 1/2" | 25,5                  | 152     | 150 | C | Sfera<br>Ball / Bille              |
| ~ 120                     | CCTQ120 | 1/2" | 1/2" | 25,5                  | 152     | 175 | C | Sfera<br>Ball / Bille              |
| ~ 170                     | CCTQ170 | 1/2" | 1/2" | 25,5                  | 152     | 200 | C | Sfera<br>Ball / Bille              |

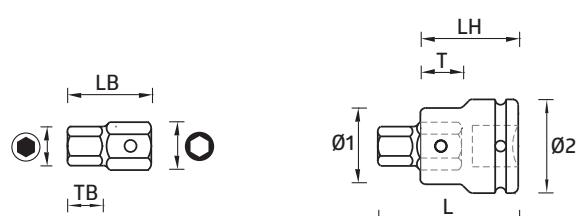


## Chiavi per Esagoni Cavi

Allen-Head Sockets / Embouts

ISO 2351-3  
ISO 1173

|    | CODE  | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm | L<br>mm | LH<br>mm | T<br>mm |       | LB<br>mm | TB<br>mm |     |    |     |     |      |     |
|----|-------|-----------------------|-----------------------|---------|----------|---------|-------|----------|----------|-----|----|-----|-----|------|-----|
| 6  | CS6M  | 25                    | 25                    | 59      | 40       | 16      | 7/16" | 35       | 10       | 120 | C  | CSH | 100 | S6M  | 20  |
| 8  | CS8M  | 25                    | 25                    | 59      | 40       | 16      | 7/16" | 35       | 12       | 122 | C  | CSH | 100 | S8M  | 22  |
| 10 | CS10M | 25                    | 25                    | 59      | 40       | 16      | 7/16" | 35       | 16       | 124 | C  | CSH | 100 | S10M | 24  |
| 12 | CQ12M | 25                    | 25                    | 59      | 40       | 16      | 14    | 35       | 18       | 138 | C  | CQH | 100 | Q12M | 38  |
| 14 | CQ14M | 25                    | 25                    | 59      | 40       | 16      | 14    | 35       | 18       | 144 | C  | CQH | 100 | Q14M | 44  |
| 17 | CT17M | 35                    | 30                    | 74      | 43       | 19      | 7/8"  | 50       | 26       | 301 | C1 | CTH | 175 | T17M | 126 |
| 19 | CT19M | 35                    | 30                    | 74      | 43       | 19      | 7/8"  | 50       | 26       | 313 | C1 | CTH | 175 | T19M | 138 |

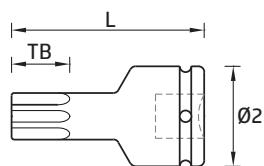


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## Chiavi per Cave TX

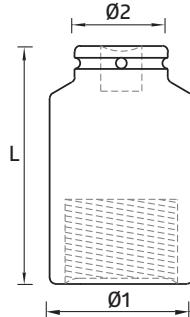
TX-Head Sockets / Embouts TX



| n°  | CODE           | Ø2 mm | L mm | TB mm |   |
|-----|----------------|-------|------|-------|---|
| T20 | <b>RC20 TH</b> | 25    | 55   | 2,8   | C |
| T25 | <b>RC25 TH</b> | 25    | 55   | 3     | C |
| T27 | <b>RC27 TH</b> | 25    | 55   | 3     | C |
| T30 | <b>RC30 TH</b> | 25    | 55   | 3,8   | C |
| T40 | <b>RC40 TH</b> | 25    | 55   | 3,8   | C |
| T45 | <b>RC45 TH</b> | 25    | 55   | 4,3   | C |
| T47 | <b>RC47 TH</b> | 25    | 55   | 5     | C |
| T50 | <b>RC50 TH</b> | 25    | 55   | 5     | C |
| T55 | <b>RC55 TH</b> | 25    | 55   | 5,5   | C |
| T60 | <b>RC60 TH</b> | 25    | 55   | 8     | C |
| T70 | <b>RC70 TH</b> | 25    | 55   | 9,4   | C |

## Avvita Prigionieri

Stud Runners / Monte-goujons



|              | CODE              | Ø1 mm | Ø2 mm | L mm |    |
|--------------|-------------------|-------|-------|------|----|
| M6 x 1,0mm   | <b>RC6A TAP</b>   | 13    | 25    | 55   | C  |
| M8 x 1,25mm  | <b>RC8A TAP</b>   | 15    | 25    | 55   | C  |
| M10 x 1,25mm | <b>RC10AB TAP</b> | 18    | 25    | 55   | C  |
| M10 x 1,5mm  | <b>RC10A TAP</b>  | 17    | 25    | 55   | C  |
| M12 x 1,75mm | <b>RC12A TAP</b>  | 19    | 25    | 55   | C  |
| M14 x 1,5mm  | <b>RC14B TAP</b>  | 23    | 25    | 55   | C  |
| M14 x 2,0mm  | <b>RC14A TAP</b>  | 22    | 25    | 55   | C  |
| M16 x 1,5mm  | <b>RC16B TAP</b>  | 28    | 30    | 75   | C1 |
| M16 x 2,0mm  | <b>RC16A TAP</b>  | 27    | 30    | 75   | C1 |
| M20 x 1,5mm  | <b>RC20B TAP</b>  | 30    | 30    | 75   | C1 |
| M20 x 2,5mm  | <b>RC20A TAP</b>  | 30    | 30    | 75   | C1 |

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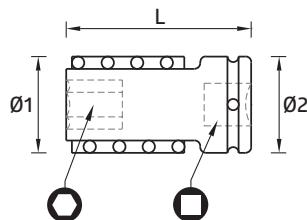


## Mandrini a Sgancio Rapido

Quick Release Chucks / Mandrins à Décrochement Rapide



|      |           | CODE   | $\varnothing_2$<br>mm | $\varnothing_1$<br>mm | L<br>mm |     |   |
|------|-----------|--------|-----------------------|-----------------------|---------|-----|---|
| 1/2" | 7/16" - F | CSF/CK | 28                    | 28                    | 51      | 150 | C |

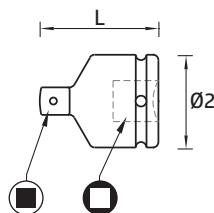


## Adattatori

Adaptors / Adaptateurs



|      |      | CODE | $\varnothing_2$<br>mm | L<br>mm |     |    | Aggancio<br>Locking / Verrouillage |
|------|------|------|-----------------------|---------|-----|----|------------------------------------|
| 1/2" | 3/8" | CB   | 25                    | 44      | 75  | C1 | Sfera<br>Ball / Bille              |
| 1/2" | 5/8" | CD   | 30                    | 45      | 150 | C1 | Foro<br>Hole / Trou                |
| 1/2" | 3/4" | CE   | 30                    | 50      | 175 | C1 | Foro<br>Hole / Trou                |

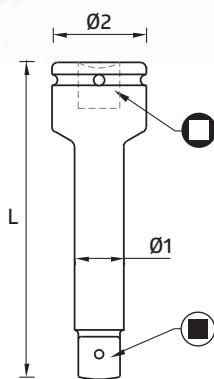


I valori possono variare senza preavviso - I valori di peso sono indicativi.

Values may change without prior notice - Weight values are approximate. / Les valeurs peuvent changer sans préavis - Les valeurs de poids sont indicatives.

## Prolunghе

Extensions / Rallonges

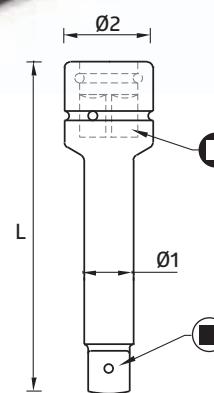


| Ø1 mm | Ø2 mm | L mm | L in | g   | Aggancio |
|-------|-------|------|------|-----|----------|
| 12,5  | 25    | 75   | 3    | 100 | C1       |
| 12,5  | 25    | 150  | 6    | 175 | C1       |
| 16,5  | 30    | 75   | 3    | 175 | C1       |
| 16,5  | 30    | 125  | 5    | 275 | C1       |
| 16,5  | 30    | 250  | 10   | 475 | C1       |

**Sfera**  
Ball / Bille

## Prolunghе con Calzata Cilindrica

Sleeve Drive Extensions / Rallonges Guidées



| Ø1 mm | Ø2 mm | CODE    | L mm | L in | g   | Aggancio |
|-------|-------|---------|------|------|-----|----------|
| 16,5  | 25    | CC3SLV  | 75   | 3    | 150 | C1       |
| 16,5  | 25    | CC5SLV  | 125  | 5    | 300 | C1       |
| 16,5  | 25    | CC10SLV | 250  | 10   | 400 | C1       |

**Sfera**  
Ball / Bille

**Sfera**  
Ball / Bille

**Sfera**  
Ball / Bille

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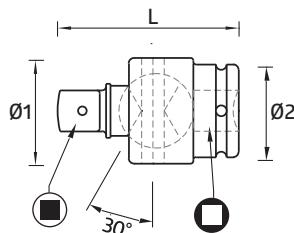


## Snodo

Universal Joint / Cardan Universel



|      |      | CODE | Ø1<br>mm | Ø2<br>mm | L<br>mm | g   |    | Aggancio<br>Locking / Verrouillage |
|------|------|------|----------|----------|---------|-----|----|------------------------------------|
| 1/2" | 1/2" | CC   | 34       | 30       | 64      | 225 | C1 | Sfera<br>Ball / Bille              |



## Trattenitori

Retainers / Systèmes de Retenue



|    | L<br>mm | Ø<br>mm |
|----|---------|---------|
| C  | 20      | 3       |
| C1 | 25      | 3       |
| D  | 30      | 3       |

|    | Ø1<br>mm | Ø2<br>mm |
|----|----------|----------|
| C  | 4        | 19       |
| C1 | 4        | 24       |
| D  | 4        | 28       |

|    | Ø2<br>mm  |
|----|-----------|
| C  | 3/8"-1/2" |
| C1 | 1/2"      |
| D  | 1/2"-5/8" |
|    | 35        |

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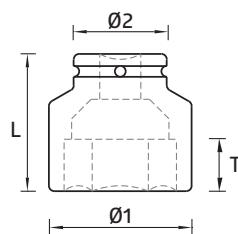
# Chiavi a Bussola Esagonali

6-point Sockets / Douilles 6-pans

ISO 2725-2



| mm<br>in  | CODE    | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |   |
|-----------|---------|----------|----------|---------|---------|-----|---|
| 13        | D13     | 23,5     | 35       | 48      | 8       | 195 | D |
| 14        | D14     | 25       | 35       | 48      | 10      | 200 | D |
| 9/16"     | D9/16   | 25       | 35       | 48      | 10      | 200 | D |
| 15        | D15     | 26       | 35       | 48      | 10      | 200 | D |
| 16 5/8"   | D16     | 27,5     | 35       | 48      | 10      | 200 | D |
| 17        | D17     | 28,5     | 35       | 48      | 10      | 200 | D |
| 11/16"    | D11/16  | 29       | 35       | 48      | 10      | 200 | D |
| 18        | D18     | 30       | 35       | 48      | 12      | 200 | D |
| 19 3/4"   | D19     | 31       | 35       | 48      | 12      | 200 | D |
| 20        | D20     | 32,5     | 35       | 48      | 12      | 200 | D |
| 13/16"    | D13/16  | 33       | 35       | 48      | 14      | 200 | D |
| 21        | D21     | 33,5     | 35       | 48      | 14      | 200 | D |
| 22 7/8"   | D22     | 35       | 35       | 48      | 14      | 225 | D |
| 23        | D23     | 36       | 35       | 51      | 14      | 225 | D |
| 24 15/16" | D24     | 37,5     | 35       | 51      | 16      | 245 | D |
| 25        | D25     | 38,5     | 35       | 51      | 16      | 285 | D |
| 1"        | D1      | 39       | 35       | 51      | 16      | 285 | D |
| 26        | D26     | 40       | 35       | 51      | 16      | 285 | D |
| 27 1"1/16 | D27     | 41       | 35       | 51      | 18      | 270 | D |
| 28        | D28     | 42,5     | 35       | 51      | 18      | 280 | D |
| 1"1/8     | D1.1/8  | 43       | 35       | 51      | 18      | 290 | D |
| 29        | D29     | 43,5     | 35       | 51      | 18      | 295 | D |
| 30 1"3/16 | D30     | 45       | 35       | 51      | 20      | 300 | D |
| 32 1"1/4  | D32     | 47,5     | 35       | 55      | 22      | 365 | D |
| 33        | D33     | 48,5     | 35       | 55      | 22      | 375 | D |
| 1"5/16    | D1.5/16 | 49       | 35       | 55      | 22      | 375 | D |
| 34        | D34     | 50       | 35       | 55      | 22      | 385 | D |
| 35 1"3/8  | D35     | 51       | 35       | 55      | 24      | 385 | D |
| 36        | D36     | 52,5     | 35       | 55      | 24      | 395 | D |



I valori possono variare senza preavviso - I valori di peso sono indicativi.

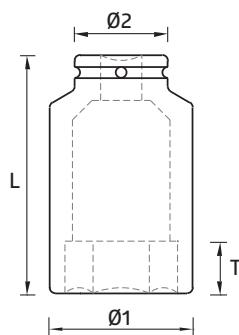
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## Chiavi a Bussola Esagonali Lunghe

6-point Sockets Deep / Douilles 6-pans Longues

ISO 2725-2



| mm<br>in  | CODE     | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |   |
|-----------|----------|----------|----------|---------|---------|-----|---|
| 13        | D13L     | 23,5     | 35       | 90      | 8       | 300 | D |
| 14        | D14L     | 25       | 35       | 90      | 10      | 310 | D |
| 9/16"     | D9/16L   | 25       | 35       | 90      | 10      | 310 | D |
| 15        | D15L     | 26       | 35       | 90      | 10      | 340 | D |
| 16 5/8"   | D16L     | 27,5     | 35       | 90      | 10      | 340 | D |
| 17        | D17L     | 28,5     | 35       | 90      | 10      | 340 | D |
| 11/16"    | D11/16L  | 29       | 35       | 90      | 10      | 350 | D |
| 18        | D18L     | 30       | 35       | 90      | 12      | 350 | D |
| 19 3/4"   | D19L     | 31       | 35       | 90      | 12      | 360 | D |
| 20        | D20L     | 32,5     | 35       | 90      | 12      | 375 | D |
| 13/16"    | D13/16L  | 33       | 35       | 90      | 14      | 375 | D |
| 21        | D21L     | 33,5     | 35       | 90      | 14      | 400 | D |
| 22 7/8"   | D22L     | 35       | 35       | 90      | 14      | 425 | D |
| 23        | D23L     | 36       | 35       | 90      | 14      | 435 | D |
| 24 15/16" | D24L     | 37,5     | 35       | 90      | 16      | 455 | D |
| 25        | D25L     | 38,5     | 35       | 90      | 16      | 475 | D |
| 1"        | D1L      | 39       | 35       | 90      | 16      | 480 | D |
| 26        | D26L     | 40       | 35       | 90      | 16      | 490 | D |
| 27 1"1/16 | D27L     | 41       | 35       | 90      | 18      | 500 | D |
| 28        | D28L     | 42,5     | 35       | 90      | 18      | 555 | D |
| 1"1/8     | D1.1/8L  | 43       | 35       | 90      | 18      | 680 | D |
| 29        | D29L     | 43,5     | 35       | 90      | 18      | 600 | D |
| 30 1"3/16 | D30L     | 45       | 35       | 90      | 20      | 620 | D |
| 32 1"1/4  | D32L     | 47,5     | 35       | 90      | 22      | 650 | D |
| 33        | D33L     | 48,5     | 35       | 90      | 22      | 680 | D |
| 1"5/16    | D1.5/16L | 49       | 35       | 90      | 22      | 700 | D |
| 34        | D34L     | 50       | 35       | 90      | 22      | 720 | D |
| 35 1"3/8  | D35L     | 51       | 35       | 90      | 24      | 740 | D |
| 36        | D36L     | 52,5     | 35       | 90      | 24      | 775 | D |

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D - 5/8"

ATTACCO QUADRO

SQUARE DRIVE / CARRE CONDUCTEUR

ISO 1174-2

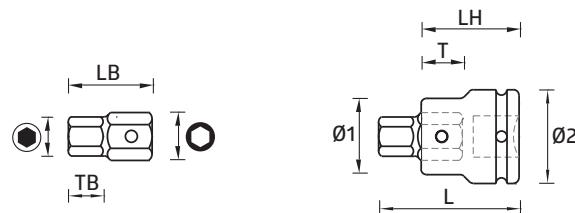


## Chiavi per Esagoni Cavi

Allen-Head Sockets / Embouts

ISO 2351-3  
ISO 1173

|    | CODE  | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm | L<br>mm | LH<br>mm | T<br>mm |       | LB<br>mm | TB<br>mm |     |   |      |     |
|----|-------|-----------------------|-----------------------|---------|----------|---------|-------|----------|----------|-----|---|------|-----|
| 6  | DS6M  | 30                    | 35                    | 67      | 48       | 16      | 7/16" | 35       | 10       | 266 | D | DSH  | 246 |
| 8  | DS8M  | 30                    | 35                    | 67      | 48       | 16      | 7/16" | 35       | 12       | 268 | D | DSH  | 246 |
| 10 | DS10M | 30                    | 35                    | 67      | 48       | 16      | 7/16" | 35       | 16       | 270 | D | DSH  | 246 |
| 12 | DQ12M | 30                    | 35                    | 67      | 48       | 16      | 14    | 35       | 18       | 258 | D | DQH  | 220 |
| 14 | DQ14M | 30                    | 35                    | 67      | 48       | 16      | 14    | 35       | 18       | 264 | D | DQH  | 220 |
|    |       |                       |                       |         |          |         |       |          |          |     |   | Q12M | 38  |
|    |       |                       |                       |         |          |         |       |          |          |     |   | Q14M | 44  |

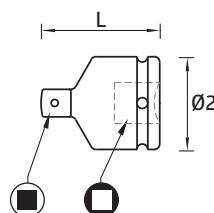


## Adattatori

Adaptors / Adaptateurs



|      |      | CODE | $\varnothing_2$<br>mm | L<br>mm |     |   | Aggancio<br>Locking / Verrouillage |
|------|------|------|-----------------------|---------|-----|---|------------------------------------|
| 5/8" | 1/2" | DC   | 35                    | 52      | 188 | D | Sfera<br>Ball / Bille              |
| 5/8" | 3/4" | DE   | 35                    | 52      | 208 | D | Foro<br>Hole / Trou                |



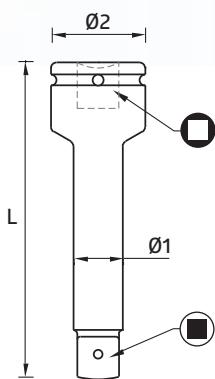
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## Prolunghе

Extensions / Rallonges



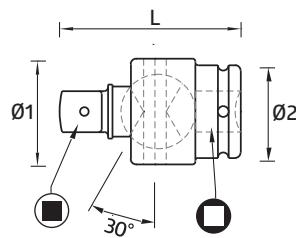
|      |      | CODE | Ø1<br>mm | Ø2<br>mm | L<br>mm | L<br>in | g   | Aggancio                        |
|------|------|------|----------|----------|---------|---------|-----|---------------------------------|
| 5/8" | 5/8" | DD6  | 21       | 35       | 150     | 6       | 500 | D<br><b>Foro</b><br>Hole / Trou |
| 5/8" | 5/8" | DD10 | 21       | 35       | 250     | 10      | 740 | D<br><b>Foro</b><br>Hole / Trou |

## Snodo

Universal Joint / Cardan Universel



|      |      | CODE | Ø1<br>mm | Ø2<br>mm | L<br>mm | g   | Aggancio                        |
|------|------|------|----------|----------|---------|-----|---------------------------------|
| 5/8" | 5/8" | DD   | 42       | 35       | 75      | 450 | D<br><b>Foro</b><br>Hole / Trou |



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D - 5/8"

ATTACCO QUADRO

SQUARE DRIVE / CARRE CONDUCTEUR

ISO 1174-2

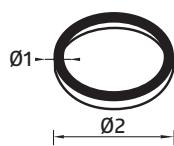


## Trattenitori

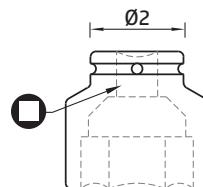
Retainers / Systèmes de Retenue



|   | L<br>mm | Ø<br>mm |
|---|---------|---------|
| D | 30      | 3       |



|   | Ø1<br>mm | Ø2<br>mm |
|---|----------|----------|
| D | 4,5      | 28       |



|   | Ø2<br>mm  |
|---|-----------|
| D | 1/2"-3/8" |

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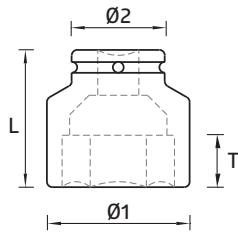
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# Chiavi a Bussola Esagonali

6-point Sockets / Douilles 6-pans

ISO 2725-2



| mm<br>in   | CODE     | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg    |   |
|------------|----------|----------|----------|---------|---------|-------|---|
| 17         | E17      | 31       | 44       | 51      | 10      | 0,36  | E |
| 11/16"     | E11/16   | 32       | 44       | 51      | 10      | 0,35  | E |
| 18         | E18      | 32       | 44       | 51      | 12      | 0,35  | E |
| 19 3/4"    | E19      | 33,5     | 44       | 51      | 12      | 0,35  | E |
| 20         | E20      | 34,5     | 44       | 51      | 12      | 0,375 | E |
| 13/16"     | E13/16   | 36       | 44       | 51      | 14      | 0,35  | E |
| 21         | E21      | 36       | 44       | 51      | 14      | 0,375 | E |
| 22 7/8"    | E22      | 37       | 44       | 51      | 14      | 0,375 | E |
| 23         | E23      | 38,5     | 44       | 51      | 14      | 0,375 | E |
| 24 15/16"  | E24      | 39,5     | 44       | 51      | 16      | 0,375 | E |
| 25         | E25      | 41       | 44       | 51      | 16      | 0,375 | E |
| 1"         | E1       | 42       | 44       | 51      | 16      | 0,375 | E |
| 26         | E26      | 42       | 44       | 51      | 16      | 0,375 | E |
| 27 1"1/16  | E27      | 43,5     | 44       | 54      | 18      | 0,4   | E |
| 28         | E28      | 44       | 44       | 54      | 18      | 0,4   | E |
| 1"1/8      | E1.1/8   | 46       | 44       | 54      | 18      | 0,575 | E |
| 29         | E29      | 46       | 44       | 54      | 18      | 0,425 | E |
| 30 1"3/16  | E30      | 47       | 44       | 54      | 20      | 0,425 | E |
| 32 1"1/4   | E32      | 49,5     | 44       | 57      | 22      | 0,475 | E |
| 33         | E33      | 51       | 44       | 57      | 22      | 0,475 | E |
| 1"5/16     | E1.5/16  | 52       | 44       | 57      | 22      | 0,525 | E |
| 34         | E34      | 52       | 44       | 57      | 22      | 0,525 | E |
| 35 1"3/8   | E35      | 53,5     | 44       | 57      | 24      | 0,525 | E |
| 36         | E36      | 54,5     | 44       | 57      | 24      | 0,525 | E |
| 1"7/16     | E1.7/16  | 56       | 44       | 57      | 24      | 0,555 | E |
| 37         | E37      | 56       | 44       | 57      | 24      | 0,555 | E |
| 38 1"1/2   | E38      | 57       | 44       | 57      | 24      | 0,555 | E |
| 1"9/16     | E1.9/16  | 59,5     | 44       | 57      | 24      | 0,6   | E |
| 41 1"5/8   | E41      | 61       | 44       | 58      | 27      | 0,625 | E |
| 42         | E42      | 62       | 44       | 58      | 27      | 0,625 | E |
| 1"11/16    | E1.11/16 | 63       | 44       | 58      | 27      | 0,65  | E |
| 1"3/4      | E1.3/4   | 65       | 44       | 63      | 30      | 0,85  | E |
| 46 1"13/16 | E46      | 67       | 44       | 63      | 30      | 0,775 | E |
| 1"7/8      | E1.7/8   | 69       | 54       | 63      | 30      | 0,95  | F |
| 50         | E50      | 72       | 54       | 70      | 33      | 1,15  | F |
| 2"         | E2       | 73       | 54       | 70      | 33      | 1,125 | F |
| 55         | E55      | 78,5     | 54       | 75      | 36      | 1,325 | F |
| 60 2"3/8   | E60      | 84,5     | 54       | 80      | 39      | 1,575 | F |
| 65 2"9/16  | E65      | 91       | 54       | 84      | 39      | 1,75  | F |
| 70 2"3/4   | E70      | 97       | 54       | 88      | 40      | 2,1   | F |

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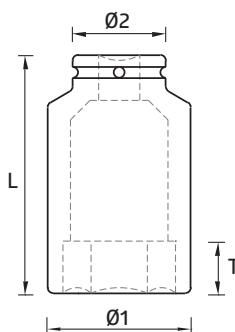
# Chiavi a Bussola Esagonali Lunghe

6-point Sockets Deep / Douilles 6-pans Longues

ISO 2725-2



| mm<br>in   | CODE      | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg    |   |
|------------|-----------|----------|----------|---------|---------|-------|---|
| 17         | E17L      | 31       | 44       | 100     | 10      | 0,575 | E |
| 11/16"     | E11/16L   | 32       | 44       | 100     | 10      | 0,6   | E |
| 18         | E18L      | 32       | 44       | 100     | 12      | 0,55  | E |
| 19 3/4"    | E19L      | 33,5     | 44       | 100     | 12      | 0,6   | E |
| 20         | E20L      | 34,5     | 44       | 100     | 12      | 0,625 | E |
| 13/16"     | E13/16L   | 36       | 44       | 100     | 14      | 0,625 | E |
| 21         | E21L      | 36       | 44       | 100     | 14      | 0,625 | E |
| 22 7/8"    | E22L      | 37       | 44       | 100     | 14      | 0,65  | E |
| 23         | E23L      | 38,5     | 44       | 100     | 14      | 0,65  | E |
| 24 15/16"  | E24L      | 39,5     | 44       | 100     | 16      | 0,7   | E |
| 25         | E25L      | 41       | 44       | 100     | 16      | 0,7   | E |
| 1"         | E1L       | 42       | 44       | 100     | 16      | 0,725 | E |
| 26         | E26L      | 42       | 44       | 100     | 16      | 0,725 | E |
| 27 1"1/16  | E27L      | 43,5     | 44       | 100     | 18      | 0,75  | E |
| 28         | E28L      | 44       | 44       | 100     | 18      | 0,75  | E |
| 1"1/8      | E1.1/8L   | 46       | 44       | 100     | 18      | 0,825 | E |
| 29         | E29L      | 46       | 44       | 100     | 18      | 0,825 | E |
| 30 1"3/16  | E30L      | 47       | 44       | 100     | 20      | 0,825 | E |
| 32 1"1/4   | E32L      | 49,5     | 44       | 100     | 22      | 0,875 | E |
| 33         | E33L      | 51       | 44       | 100     | 22      | 0,9   | E |
| 1"5/16     | E1.5/16L  | 52       | 44       | 100     | 22      | 0,9   | E |
| 34         | E34L      | 52       | 44       | 100     | 22      | 0,95  | E |
| 35 1"3/8   | E35L      | 53,5     | 44       | 100     | 24      | 1     | E |
| 36         | E36L      | 54,5     | 44       | 100     | 24      | 1     | E |
| 1"7/16     | E1.7/16L  | 56       | 44       | 100     | 24      | 1,075 | E |
| 37         | E37L      | 56       | 44       | 100     | 24      | 1,075 | E |
| 38 1"1/2   | E38L      | 57       | 44       | 100     | 24      | 1,075 | E |
| 1"9/16     | E1.9/16L  | 59,5     | 44       | 100     | 24      | 1,175 | E |
| 41 1"5/8   | E41L      | 61       | 44       | 100     | 27      | 1,175 | E |
| 42         | E42L      | 62       | 44       | 100     | 27      | 1,2   | E |
| 1"11/16    | E1.11/16L | 63       | 44       | 100     | 27      | 1,35  | E |
| 1"3/4      | E1.3/4L   | 65       | 44       | 105     | 30      | 1,4   | E |
| 46 1"13/16 | E46L      | 67       | 44       | 105     | 30      | 1,425 | E |
| 1"7/8      | E1.7/8L   | 69       | 54       | 110     | 30      | 1,75  | F |
| 50         | E50L      | 72       | 54       | 110     | 33      | 2,1   | F |
| 2"         | E2L       | 73       | 54       | 110     | 33      | 2,1   | F |
| 55         | E55L      | 78,5     | 54       | 110     | 36      | 2,45  | F |
| 60 2"3/8   | E60L      | 84,5     | 54       | 110     | 39      | 2,9   | F |



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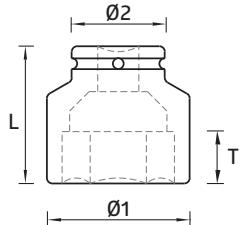
Values may change without prior notice - Weight values are approximate. / Les valeurs peuvent changer sans préavis - Les valeurs de poids sont indicatives.



## Chiavi a Bussola Poligonali

12-point Sockets / Douilles 12-pans

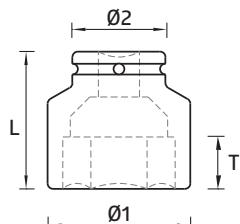
ISO 2725-2



| mm<br>in   | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |   |
|------------|--------|----------|----------|---------|---------|-----|---|
| 17         | E17 DE | 31       | 44       | 51      | 10      | 360 | E |
| 18         | E18 DE | 32       | 44       | 51      | 12      | 350 | E |
| 19 3/4"    | E19 DE | 33,5     | 44       | 51      | 12      | 350 | E |
| 21         | E21 DE | 36       | 44       | 51      | 14      | 375 | E |
| 22 7/8"    | E22 DE | 37       | 44       | 51      | 14      | 375 | E |
| 24 15/16"  | E24 DE | 39,5     | 44       | 51      | 16      | 375 | E |
| 27 1"1/16" | E27 DE | 43,5     | 44       | 54      | 18      | 400 | E |
| 30 1"3/16" | E30 DE | 47       | 44       | 54      | 20      | 425 | E |
| 32 1"1/4"  | E32 DE | 49,5     | 44       | 57      | 22      | 475 | E |
| 33         | E33 DE | 51       | 44       | 57      | 22      | 475 | E |
| 34         | E34 DE | 52       | 44       | 57      | 22      | 525 | E |
| 36         | E36 DE | 54,5     | 44       | 57      | 24      | 525 | E |
| 38 1"1/2"  | E38 DE | 57       | 44       | 57      | 24      | 555 | E |

## Chiavi a Bussola Surface

Surface Drive Sockets / Surface Drive Douilles



| mm<br>in   | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |   |
|------------|--------|----------|----------|---------|---------|-----|---|
| 17         | E17 SF | 31       | 44       | 51      | 10      | 360 | E |
| 18         | E18 SF | 32       | 44       | 51      | 12      | 350 | E |
| 19 3/4"    | E19 SF | 33,5     | 44       | 51      | 12      | 350 | E |
| 21         | E21 SF | 36       | 44       | 51      | 14      | 375 | E |
| 22 7/8"    | E22 SF | 37       | 44       | 51      | 14      | 375 | E |
| 24 15/16"  | E24 SF | 39,5     | 44       | 51      | 16      | 375 | E |
| 27 1"1/16" | E27 SF | 43,5     | 44       | 54      | 18      | 400 | E |
| 30 1"3/16" | E30 SF | 47       | 44       | 54      | 20      | 425 | E |
| 32 1"1/4"  | E32 SF | 49,5     | 44       | 57      | 22      | 475 | E |
| 33         | E33 SF | 51       | 44       | 57      | 22      | 475 | E |
| 34         | E34 SF | 52       | 44       | 57      | 22      | 525 | E |

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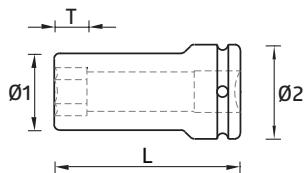


## Chiavi a Bussola Extra Sottili

Thin-Wall Sockets / Douilles à Paroi Mince



| mm<br>in  | CODE         | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |   |
|-----------|--------------|----------|----------|---------|---------|-----|---|
| 22 7/8"   | <b>E22TW</b> | 34       | 44       | 100     | 14      | 575 | E |
| 24 15/16" | <b>E24TW</b> | 36,5     | 44       | 100     | 16      | 600 | E |
| 27 1"1/16 | <b>E27TW</b> | 40,5     | 44       | 100     | 18      | 650 | E |
| 30 1"3/16 | <b>E30TW</b> | 44       | 44       | 100     | 20      | 750 | E |
| 32 1"1/4  | <b>E32TW</b> | 46,5     | 44       | 100     | 22      | 775 | E |
| 33        | <b>E33TW</b> | 48       | 44       | 100     | 22      | 800 | E |
| 34        | <b>E34TW</b> | 49       | 44       | 100     | 22      | 800 | E |
| 36        | <b>E36TW</b> | 52       | 44       | 100     | 24      | 875 | E |

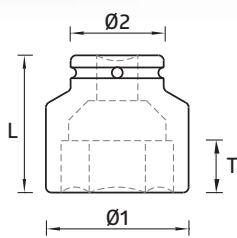


## Chiavi a Bussola TX

TX Sockets / Douilles TX



| n° | CODE        | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |   |
|----|-------------|----------|----------|---------|---------|-----|---|
| 18 | <b>EE18</b> | 26       | 44       | 50      | 13      | 275 | E |
| 20 | <b>EE20</b> | 28       | 44       | 50      | 14      | 300 | E |
| 22 | <b>EE22</b> | 30       | 44       | 50      | 16      | 325 | E |
| 24 | <b>EE24</b> | 33       | 44       | 50      | 17      | 350 | E |



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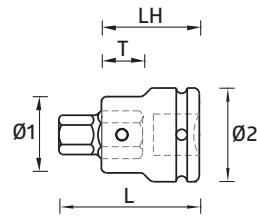
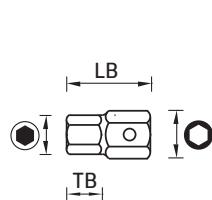


## Chiavi per Esagoni Cavi

Allen-Head Sockets / Embouts

ISO 2351-3  
ISO 1173

| mm | CODE  | Ø1 mm | Ø2 mm | L mm | LH mm | T mm |      | LB mm | TB mm | g   |   | EQH | 370 | Q12M | 38  |
|----|-------|-------|-------|------|-------|------|------|-------|-------|-----|---|-----|-----|------|-----|
| 12 | EQ12M | 30    | 44    | 70   | 51    | 16   | 14   | 35    | 18    | 408 | E | EQH | 370 | Q12M | 38  |
| 14 | EQ14M | 30    | 44    | 70   | 51    | 16   | 14   | 35    | 18    | 414 | E | EQH | 370 | Q14M | 44  |
| 17 | ET17M | 44    | 44    | 82   | 54    | 22   | 7/8" | 50    | 26    | 576 | E | ETH | 450 | T17M | 126 |
| 19 | ET19M | 44    | 44    | 82   | 54    | 22   | 7/8" | 50    | 26    | 588 | E | ETH | 450 | T19M | 138 |
| 22 | ET22M | 44    | 44    | 82   | 54    | 22   | 7/8" | 50    | 26    | 614 | E | ETH | 450 | T22M | 164 |
| 24 | ET24M | 44    | 44    | 82   | 54    | 22   | 7/8" | 50    | 26    | 632 | E | ETH | 450 | T24M | 182 |

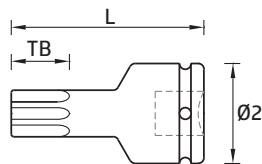


## Chiavi per Cave TX

TX-Head Sockets / Embouts TX



| n°   | CODE    | Ø2 mm | L mm | TB mm |   |
|------|---------|-------|------|-------|---|
| T50  | RE50 T  | 44    | 100  | 5     | E |
| T55  | RE55 T  | 44    | 100  | 5,5   | E |
| T60  | RE60 T  | 44    | 100  | 8     | E |
| T70  | RE70 T  | 44    | 100  | 9,4   | E |
| T80  | RE80 T  | 44    | 100  | 10,5  | E |
| T90  | RE90 T  | 44    | 100  | 11,8  | E |
| T100 | RE100 T | 44    | 100  | 13,1  | E |



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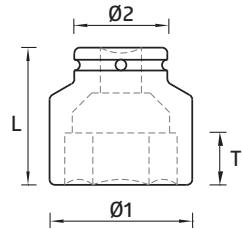
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## Chiavi a Bussola Quadre

4-point Sockets / Douilles 4-pans



| mm | CODE    | Ø1 mm | Ø2 mm | L mm | T mm |   |
|----|---------|-------|-------|------|------|---|
| 16 | RE16 SQ | 40    | 40    | 52   | 22   | E |
| 17 | RE17 SQ | 40    | 40    | 52   | 22   | E |
| 19 | RE19 SQ | 40    | 40    | 52   | 22   | E |
| 20 | RE20 SQ | 42    | 42    | 52   | 22   | E |
| 21 | RE21 SQ | 42    | 42    | 52   | 22   | E |
| 24 | RE24 SQ | 47    | 44    | 52   | 24   | E |

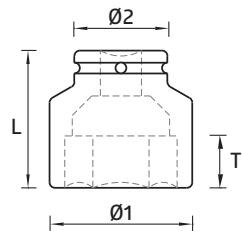


## Chiavi a Bussola Doppio Quadro

8-point Sockets / Douilles 8-pans



| mm | CODE     | Ø1 mm | Ø2 mm | L mm | T mm |   |
|----|----------|-------|-------|------|------|---|
| 19 | RE19 DSQ | 41    | 41    | 52   | 15   | E |
| 24 | RE24 DSQ | 46    | 44,5  | 52   | 20   | E |
| 27 | RE27 DSQ | 53    | 44,5  | 56   | 24   | E |
| 30 | RE30 DSQ | 60    | 44,5  | 60   | 28   | E |
| 32 | RE32 DSQ | 60    | 44,5  | 60   | 28   | E |
| 38 | RE38 DSQ | 70    | 44,5  | 64   | 32   | E |



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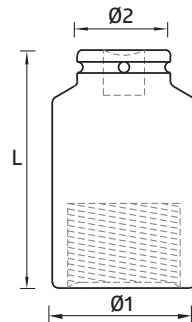


## Avvita Prigionieri

Stud Runners / Monte-goujons



|             | CODE      | Ø1<br>mm | Ø2<br>mm | L<br>mm |   |
|-------------|-----------|----------|----------|---------|---|
| M16 x 2mm   | RE16A TAP | 29       | 44       | 100     | E |
| M20 x 2,5mm | RE20A TAP | 35       | 44       | 100     | E |
| M24 x 1,5mm | RE24C TAP | 37       | 44       | 100     | E |
| M24 x 3mm   | RE24A TAP | 37       | 44       | 100     | E |
| M30 x 3,5mm | RE30A TAP | 43       | 44       | 100     | E |

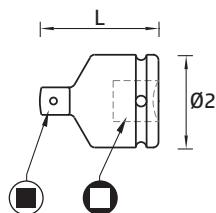


## Adattatori

Adaptors / Adaptateurs



|      |      | CODE | Ø2<br>mm | L<br>mm |     |   | Aggancio<br>Locking / Verrouillage |
|------|------|------|----------|---------|-----|---|------------------------------------|
| 3/4" | 1/2" | EC   | 44       | 70      | 350 | E | Sfera<br>Ball / Bille              |
| 3/4" | 5/8" | ED   | 44       | 70      | 375 | E | Foro<br>Hole / Trou                |
| 3/4" | 1"   | EF   | 44       | 70      | 475 | E | Foro<br>Hole / Trou                |



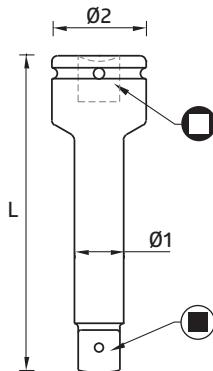
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## Prolunghе

Extensions / Rallonges

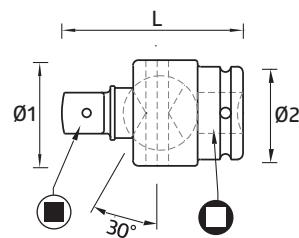
|  |  | CODE | Ø1<br>mm | Ø2<br>mm | L<br>mm | L<br>in | kg    |   | Aggancio<br>Locking / Verrouillage |
|--|--|------|----------|----------|---------|---------|-------|---|------------------------------------|
|  |  | EC7  | 16,5     | 44       | 175     | 7       | 0,575 | E | Sfera<br>Ball / Bille              |
|  |  | EE7  | 25       | 44       | 175     | 7       | 0,85  | E | Foro<br>Hole / Trou                |
|  |  | EE10 | 25       | 44       | 250     | 10      | 1,15  | E | Foro<br>Hole / Trou                |
|  |  | EE13 | 25       | 44       | 330     | 13      | 1,45  | E | Foro<br>Hole / Trou                |



## Snodo

Universal Joint / Cardan Universel

|  |  | CODE | Ø1<br>mm | Ø2<br>mm | L<br>mm | g   |   | Aggancio<br>Locking / Verrouillage |
|--|--|------|----------|----------|---------|-----|---|------------------------------------|
|  |  | EE   | 48       | 44       | 96      | 675 | E | Foro<br>Hole / Trou                |



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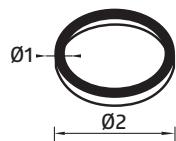


## Trattenitori

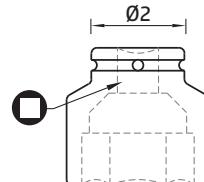
Retainers / Systèmes de Retenue



|   | L<br>mm | Ø<br>mm |
|---|---------|---------|
| E | 35      | 4       |
| F | 45      | 5       |



|   | Ø1<br>mm | Ø2<br>mm |
|---|----------|----------|
| E | 5        | 36       |
| F | 6        | 45       |



|   | Ø2<br>mm |
|---|----------|
| E | 3/4"     |
| F | 1"       |

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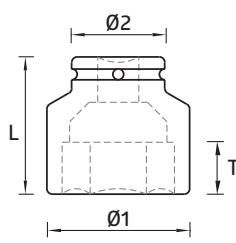
# Chiavi a Bussola Esagonali

6-point Sockets / Douilles 6-pans

ISO 2725-2



| mm<br>in   | CODE            | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg    |   |
|------------|-----------------|----------|----------|---------|---------|-------|---|
| 19 3/4"    | <b>F19</b>      | 36,5     | 54       | 58      | 12      | 0,575 | F |
| 20         | <b>F20</b>      | 38       | 54       | 58      | 12      | 0,575 | F |
| 13/16"     | <b>F13/16</b>   | 38,5     | 54       | 60      | 14      | 0,6   | F |
| 21         | <b>F21</b>      | 39       | 54       | 60      | 14      | 0,6   | F |
| 22 7/8"    | <b>F22</b>      | 40       | 54       | 60      | 14      | 0,6   | F |
| 23         | <b>F23</b>      | 41,5     | 54       | 60      | 14      | 0,625 | F |
| 24 15/16"  | <b>F24</b>      | 42,5     | 54       | 60      | 16      | 0,6   | F |
| 25         | <b>F25</b>      | 44       | 54       | 60      | 16      | 0,625 | F |
| 1"         | <b>F1</b>       | 45       | 54       | 60      | 16      | 0,625 | F |
| 26         | <b>F26</b>      | 45       | 54       | 60      | 16      | 0,625 | F |
| 27 1"1/16  | <b>F27</b>      | 46,5     | 54       | 60      | 18      | 0,625 | F |
| 28         | <b>F28</b>      | 47,5     | 54       | 60      | 18      | 0,625 | F |
| 1"1/8      | <b>F1.1/8</b>   | 49       | 54       | 60      | 18      | 0,625 | F |
| 29         | <b>F29</b>      | 49       | 54       | 60      | 18      | 0,625 | F |
| 30 1"3/16  | <b>F30</b>      | 50       | 54       | 62      | 20      | 0,65  | F |
| 32 1"1/4   | <b>F32</b>      | 52,5     | 54       | 63      | 22      | 0,675 | F |
| 33         | <b>F33</b>      | 54       | 54       | 63      | 22      | 0,7   | F |
| 1"5/16     | <b>F1.5/16</b>  | 54       | 54       | 63      | 22      | 0,675 | F |
| 34         | <b>F34</b>      | 55       | 54       | 63      | 22      | 0,675 | F |
| 35 1"3/8   | <b>F35</b>      | 56,5     | 54       | 63      | 24      | 0,725 | F |
| 36         | <b>F36</b>      | 57,5     | 54       | 67      | 24      | 0,775 | F |
| 1"7/16     | <b>F1.7/16</b>  | 58       | 54       | 67      | 24      | 0,775 | F |
| 37         | <b>F37</b>      | 59       | 54       | 67      | 24      | 0,8   | F |
| 38 1"1/2   | <b>F38</b>      | 60       | 54       | 67      | 24      | 0,825 | F |
| 1"9/16     | <b>F1.9/16</b>  | 62       | 54       | 70      | 27      | 0,9   | F |
| 41 1"5/8   | <b>F41</b>      | 64       | 54       | 70      | 27      | 0,9   | F |
| 42         | <b>F42</b>      | 65       | 54       | 70      | 27      | 0,925 | F |
| 1"11/16    | <b>F1.11/16</b> | 66       | 54       | 70      | 27      | 0,925 | F |
| 1"3/4      | <b>F1.3/4</b>   | 68       | 54       | 76      | 30      | 1,05  | F |
| 46 1"13/16 | <b>F46</b>      | 70       | 54       | 76      | 30      | 1,1   | F |
| 47         | <b>F47</b>      | 71,5     | 54       | 76      | 30      | 1,1   | F |
| 1"7/8      | <b>F1.7/8</b>   | 72       | 54       | 76      | 30      | 1,125 | F |
| 1"15/16    | <b>F1.15/16</b> | 74       | 54       | 82      | 33      | 1,275 | F |



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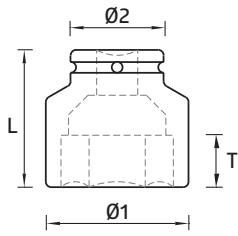
# Chiavi a Bussola Esagonali

6-point Sockets / Douilles 6-pans

ISO 2725-2



| mm<br>in                           | CODE            | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg    |    |
|------------------------------------|-----------------|----------|----------|---------|---------|-------|----|
| 50                                 | <b>F50</b>      | 75       | 54       | 82      | 33      | 1,275 | F  |
| 2"                                 | <b>F2</b>       | 76       | 54       | 82      | 33      | 1,325 | F  |
| 52 2 <sup>1</sup> / <sub>16</sub>  | <b>F52</b>      | 77,5     | 54       | 82      | 33      | 1,35  | F  |
| 54 2 <sup>1</sup> / <sub>8</sub>   | <b>F54</b>      | 80       | 54       | 82      | 36      | 1,375 | F  |
| 55                                 | <b>F55</b>      | 81,5     | 54       | 87      | 36      | 1,55  | F  |
| 56 2 <sup>3</sup> / <sub>16</sub>  | <b>F56</b>      | 82,5     | 54       | 87      | 36      | 1,575 | F  |
| 2 <sup>1</sup> / <sub>4</sub>      | <b>F2.1/4</b>   | 84       | 54       | 87      | 36      | 1,6   | F  |
| 58                                 | <b>F58</b>      | 85       | 54       | 87      | 39      | 1,6   | F  |
| 60 2 <sup>3</sup> / <sub>8</sub>   | <b>F60</b>      | 87,5     | 54       | 91      | 39      | 1,75  | F  |
| 2 <sup>7</sup> / <sub>16</sub>     | <b>F2.7/16</b>  | 90       | 54       | 91      | 39      | 1,8   | F  |
| 2 <sup>1</sup> / <sub>2</sub>      | <b>F2.1/2</b>   | 92       | 54       | 95      | 39      | 1,8   | F  |
| 65 2 <sup>9</sup> / <sub>16</sub>  | <b>F65</b>      | 94       | 54       | 95      | 39      | 2,05  | F  |
| 2 <sup>5</sup> / <sub>8</sub>      | <b>F2.5/8</b>   | 96       | 54       | 95      | 39      | 2,1   | F  |
| 70 2 <sup>3</sup> / <sub>4</sub>   | <b>F70</b>      | 100      | 54       | 100     | 40      | 2,45  | F  |
| 2 <sup>13</sup> / <sub>16</sub>    | <b>F2.13/16</b> | 102      | 54       | 100     | 40      | 2,45  | F  |
| 2 <sup>7</sup> / <sub>8</sub>      | <b>F2.7/8</b>   | 104      | 58       | 104     | 40      | 2,85  | F1 |
| 75 2 <sup>15</sup> / <sub>16</sub> | <b>F75</b>      | 106,5    | 58       | 104     | 40      | 2,9   | F1 |
| 3"                                 | <b>F3</b>       | 108      | 58       | 104     | 40      | 2,95  | F1 |
| 80 3 <sup>1</sup> / <sub>8</sub>   | <b>F80</b>      | 112,5    | 58       | 108     | 42      | 3,3   | F1 |
| 3 <sup>1</sup> / <sub>4</sub>      | <b>F3.1/4</b>   | 116      | 69       | 110     | 42      | 3,9   | G  |
| 85 3 <sup>3</sup> / <sub>8</sub>   | <b>F85</b>      | 119      | 69       | 110     | 42      | 3,9   | G  |
| 3 <sup>1</sup> / <sub>2</sub>      | <b>F3.1/2</b>   | 124      | 69       | 112     | 48      | 4,2   | G  |
| 90                                 | <b>F90</b>      | 125      | 69       | 112     | 48      | 4,5   | G  |
| 95 3 <sup>3</sup> / <sub>4</sub>   | <b>F95</b>      | 129      | 86       | 115     | 51      | 5,25  | H  |
| 100                                | <b>F100</b>     | 134      | 86       | 115     | 54      | 5,5   | H  |
| 105 4 <sup>1</sup> / <sub>8</sub>  | <b>F105</b>     | 142      | 86       | 120     | 58      | 6,2   | H  |
| 110                                | <b>F110</b>     | 147      | 86       | 125     | 61      | 7     | H  |
| 115 4 <sup>1</sup> / <sub>2</sub>  | <b>F115</b>     | 153      | 86       | 125     | 64      | 7,2   | H  |
| 120                                | <b>F120</b>     | 162      | 86       | 128     | 68      | 7,6   | H  |
| 125                                | <b>F125</b>     | 168      | 86       | 130     | 70      | 8,2   | H  |
| 130 5 <sup>1</sup> / <sub>8</sub>  | <b>F130</b>     | 174      | 86       | 135     | 72      | 8,8   | H  |
| 135                                | <b>F135</b>     | 182      | 86       | 146     | 76      | 9,4   | H  |



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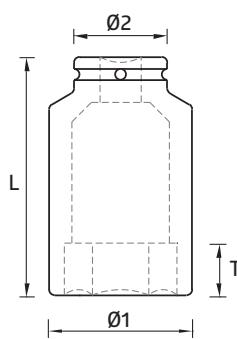
# Chiavi a Bussola Esagonali Lunghe

6-point Sockets Deep / Douilles 6-pans Longues

ISO 2725-2



| mm<br>in  | CODE             | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg    |   |
|-----------|------------------|----------|----------|---------|---------|-------|---|
| 19 3/4"   | <b>F19L</b>      | 36,5     | 54       | 110     | 12      | 0,9   | F |
| 20        | <b>F20L</b>      | 38       | 54       | 110     | 12      | 0,95  | F |
| 13/16"    | <b>F13/16L</b>   | 38,5     | 54       | 110     | 14      | 0,95  | F |
| 21        | <b>F21L</b>      | 39       | 54       | 110     | 14      | 0,95  | F |
| 22 7/8"   | <b>F22L</b>      | 40       | 54       | 110     | 14      | 0,95  | F |
| 23        | <b>F23L</b>      | 41,5     | 54       | 110     | 14      | 1     | F |
| 24 15/16" | <b>F24L</b>      | 42,5     | 54       | 110     | 16      | 1     | F |
| 25        | <b>F25L</b>      | 44       | 54       | 110     | 16      | 1     | F |
| 1"        | <b>F1L</b>       | 45       | 54       | 110     | 16      | 1     | F |
| 26        | <b>F26L</b>      | 45       | 54       | 110     | 16      | 1,025 | F |
| 27 1"1/16 | <b>F27L</b>      | 46,5     | 54       | 110     | 18      | 1,1   | F |
| 28        | <b>F28L</b>      | 47,5     | 54       | 110     | 18      | 1,1   | F |
| 1"1/8     | <b>F1.1/8L</b>   | 49       | 54       | 110     | 18      | 1,15  | F |
| 29        | <b>F29L</b>      | 49       | 54       | 110     | 18      | 1,15  | F |
| 30 1"3/16 | <b>F30L</b>      | 50       | 54       | 110     | 20      | 1,2   | F |
| 32 1"1/4  | <b>F32L</b>      | 52,5     | 54       | 110     | 22      | 1,23  | F |
| 33        | <b>F33L</b>      | 54       | 54       | 110     | 22      | 1,25  | F |
| 1"5/16    | <b>F1.5/16L</b>  | 54       | 54       | 110     | 22      | 1,2   | F |
| 34        | <b>F34L</b>      | 55       | 54       | 110     | 22      | 1,25  | F |
| 35 1"3/8  | <b>F35L</b>      | 56,5     | 54       | 110     | 24      | 1,37  | F |
| 36        | <b>F36L</b>      | 57,5     | 54       | 110     | 24      | 1,325 | F |
| 1"7/16    | <b>F1.7/16L</b>  | 58       | 54       | 110     | 24      | 1,325 | F |
| 37        | <b>F37L</b>      | 59       | 54       | 110     | 24      | 1,4   | F |
| 38 1"1/2  | <b>F38L</b>      | 60       | 54       | 110     | 24      | 1,375 | F |
| 1"9/16    | <b>F1.9/16L</b>  | 62       | 54       | 110     | 27      | 1,525 | F |
| 41 1"5/8  | <b>F41L</b>      | 64       | 54       | 110     | 27      | 1,5   | F |
| 42        | <b>F42L</b>      | 65       | 54       | 110     | 27      | 1,575 | F |
| 1"11/16   | <b>F1.11/16L</b> | 66       | 54       | 110     | 27      | 1,575 | F |
| 1"3/4     | <b>F1.3/4L</b>   | 68       | 54       | 110     | 30      | 1,725 | F |



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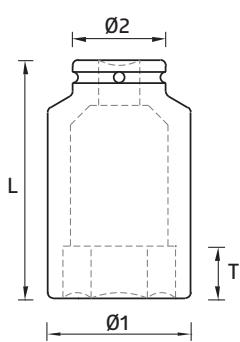
# Chiavi a Bussola Esagonali Lunghe

6-point Sockets Deep / Douilles 6-pans Longues

ISO 2725-2



| mm<br>in   | CODE      | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg    |    |
|------------|-----------|----------|----------|---------|---------|-------|----|
| 46 1"13/16 | F46L      | 70       | 54       | 110     | 30      | 1,725 | F  |
| 47         | F47L      | 71,5     | 54       | 110     | 30      | 1,675 | F  |
| 1"7/8      | F1.7/8L   | 72       | 54       | 110     | 30      | 1,7   | F  |
| 1"15/16    | F1.15/16L | 74       | 54       | 115     | 33      | 1,85  | F  |
| 50         | F50L      | 75       | 54       | 115     | 33      | 1,925 | F  |
| 2"         | F2L       | 76       | 54       | 115     | 33      | 2,075 | F  |
| 52 2"1/16  | F52L      | 77,5     | 54       | 115     | 33      | 2     | F  |
| 54 2"1/8   | F54L      | 80       | 54       | 115     | 36      | 2,075 | F  |
| 55         | F55L      | 81,5     | 54       | 115     | 36      | 2,1   | F  |
| 56 2"3/16  | F56L      | 82,5     | 54       | 115     | 36      | 2,2   | F  |
| 2"1/4      | F2.1/4L   | 84       | 54       | 115     | 36      | 2,225 | F  |
| 58         | F58L      | 85       | 54       | 115     | 39      | 2,3   | F  |
| 60 2"3/8   | F60L      | 87,5     | 54       | 120     | 39      | 2,5   | F  |
| 2"7/16     | F2.7/16L  | 90       | 54       | 120     | 39      | 2,7   | F  |
| 2"1/2      | F2.1/2L   | 92       | 54       | 125     | 39      | 2,7   | F  |
| 65 2"9/16  | F65L      | 94       | 54       | 125     | 39      | 2,9   | F  |
| 2"5/8      | F2.5/8L   | 96       | 54       | 125     | 39      | 3     | F  |
| 70 2"3/4   | F70L      | 100      | 54       | 130     | 40      | 3,35  | F  |
| 2"13/16    | F2.13/16L | 102      | 54       | 130     | 40      | 3,35  | F  |
| 75 2"15/16 | F75L      | 106,5    | 58       | 135     | 40      | 3,95  | F1 |
| 80 3"1/8   | F80L      | 112,5    | 58       | 140     | 42      | 4,85  | F1 |
| 85 3"3/8   | F85L      | 119      | 69       | 140     | 42      | 5,8   | G  |
| 90         | F90L      | 125      | 69       | 143     | 48      | 6,7   | G  |
| 95 3"3/4   | F95L      | 129      | 86       | 145     | 51      | 7,75  | H  |
| 100        | F100L     | 134      | 86       | 145     | 54      | 8,2   | H  |



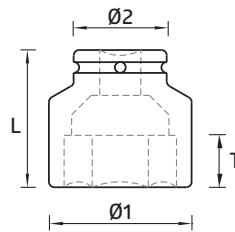
I valori possono variare senza preavviso - I valori di peso sono indicativi.

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## Chiavi a Bussola Poligonali

12-point Sockets / Douilles 12-pans

**ISO 2725-2**

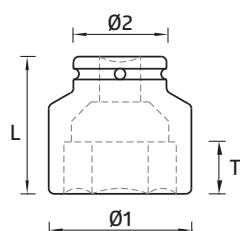


| mm<br>in   | CODE          | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg    |   |
|------------|---------------|----------|----------|---------|---------|-------|---|
| 22 7/8"    | <b>F22 DE</b> | 40       | 54       | 60      | 14      | 0,6   | F |
| 24 15/16"  | <b>F24 DE</b> | 42,5     | 54       | 60      | 16      | 0,6   | F |
| 27 1"1/16  | <b>F27 DE</b> | 46,5     | 54       | 60      | 18      | 0,625 | F |
| 30 1"3/16  | <b>F30 DE</b> | 50       | 54       | 62      | 20      | 0,65  | F |
| 32 1"1/4   | <b>F32 DE</b> | 52,5     | 54       | 63      | 22      | 0,675 | F |
| 33         | <b>F33 DE</b> | 54       | 54       | 63      | 22      | 0,7   | F |
| 34         | <b>F34 DE</b> | 55       | 54       | 63      | 22      | 0,675 | F |
| 36         | <b>F36 DE</b> | 57,5     | 54       | 67      | 24      | 0,775 | F |
| 38 1"1/2   | <b>F38 DE</b> | 60       | 54       | 67      | 24      | 0,825 | F |
| 41 1"5/8   | <b>F41 DE</b> | 64       | 54       | 70      | 27      | 0,9   | F |
| 46 1"13/16 | <b>F46 DE</b> | 70       | 54       | 76      | 30      | 1,1   | F |

## Chiavi a Bussola Surface

Surface Drive Sockets / Surface Drive Douilles

**ISO 2725-2**



| mm<br>in   | CODE          | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg    |   |
|------------|---------------|----------|----------|---------|---------|-------|---|
| 22 7/8"    | <b>F22 SF</b> | 40       | 54       | 60      | 14      | 0,6   | F |
| 24 15/16"  | <b>F24 SF</b> | 42,5     | 54       | 60      | 16      | 0,6   | F |
| 27 1"1/16  | <b>F27 SF</b> | 46,5     | 54       | 60      | 18      | 0,625 | F |
| 30 1"3/16  | <b>F30 SF</b> | 50       | 54       | 62      | 20      | 0,65  | F |
| 32 1"1/4   | <b>F32 SF</b> | 52,5     | 54       | 63      | 22      | 0,675 | F |
| 33         | <b>F33 SF</b> | 54       | 54       | 63      | 22      | 0,7   | F |
| 34         | <b>F34 SF</b> | 55       | 54       | 63      | 22      | 0,675 | F |
| 36         | <b>F36 SF</b> | 57,5     | 54       | 67      | 24      | 0,775 | F |
| 38 1"1/2   | <b>F38 SF</b> | 60       | 54       | 67      | 24      | 0,825 | F |
| 41 1"5/8   | <b>F41 SF</b> | 64       | 54       | 70      | 27      | 0,9   | F |
| 46 1"13/16 | <b>F46 SF</b> | 70       | 54       | 76      | 30      | 1,1   | F |

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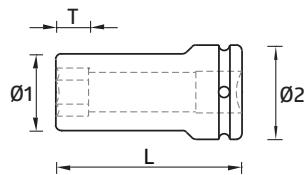


## Chiavi a Bussola Extra Sottili

Thin-Wall Sockets / Douilles à Paroi Mince



| mm<br>in  | CODE  | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg   |   |
|-----------|-------|----------|----------|---------|---------|------|---|
| 24 15/16" | F24TW | 39       | 54       | 110     | 16      | 0,9  | F |
| 27 1"1/16 | F27TW | 41,5     | 54       | 110     | 18      | 0,9  | F |
| 30 1"3/16 | F30TW | 46       | 54       | 110     | 20      | 1    | F |
| 32 1"1/4  | F32TW | 48       | 54       | 110     | 22      | 1    | F |
| 33        | F33TW | 50       | 54       | 110     | 22      | 1,05 | F |
| 34        | F34TW | 51       | 54       | 110     | 22      | 1,05 | F |
| 36        | F36TW | 53       | 54       | 110     | 24      | 1,1  | F |
| 38 1"1/2  | F38TW | 54       | 54       | 110     | 24      | 1,05 | F |
| 41 1"5/8  | F41TW | 59       | 54       | 110     | 27      | 1,1  | F |

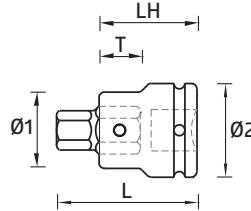
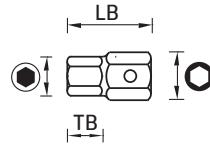


## Chiavi per Esagoni Cavi

Allen-Head Sockets / Embouts

ISO 2351-3  
ISO 1173

| mm<br>in | CODE  | Ø1<br>mm | Ø2<br>mm | L<br>mm | LH<br>mm | T<br>mm |  | LB<br>mm | TB<br>mm | kg    |    |  |  |  |  |
|----------|-------|----------|----------|---------|----------|---------|--|----------|----------|-------|----|--|--|--|--|
| 12       | FQ12M | 34       | 54       | 77      | 58       | 16      |  | 35       | 18       | 0,613 | F  |  |  |  |  |
| 14       | FQ14M | 34       | 54       | 77      | 58       | 16      |  | 35       | 18       | 0,619 | F  |  |  |  |  |
| 17       | FT17M | 46       | 54       | 88      | 60       | 22      |  | 50       | 26       | 0,776 | F  |  |  |  |  |
| 19       | FT19M | 46       | 54       | 88      | 60       | 22      |  | 50       | 26       | 0,788 | F  |  |  |  |  |
| 22       | FT22M | 46       | 54       | 88      | 60       | 22      |  | 50       | 26       | 0,815 | F  |  |  |  |  |
| 24       | FT24M | 46       | 54       | 88      | 60       | 22      |  | 50       | 26       | 0,832 | F  |  |  |  |  |
| 1"       | FH1M  | 64       | 58       | 110     | 70       | 32      |  | 72       | 28       | 1,15  | F1 |  |  |  |  |
| 27       | FH27M | 64       | 58       | 110     | 70       | 32      |  | 72       | 32       | 1,19  | F1 |  |  |  |  |
| 30       | FH30M | 64       | 58       | 114     | 70       | 32      |  | 76       | 36       | 1,25  | F1 |  |  |  |  |
| 32       | FH32M | 64       | 58       | 116     | 70       | 32      |  | 78       | 38       | 1,3   | F1 |  |  |  |  |
| 36       | FH36M | 64       | 58       | 120     | 70       | 32      |  | 82       | 42       | 1,4   | F1 |  |  |  |  |
| 41       | FH41M | 64       | 58       | 126     | 70       | 32      |  | 88       | 48       | 1,59  | F1 |  |  |  |  |



I valori possono variare senza preavviso - I valori di peso sono indicativi.

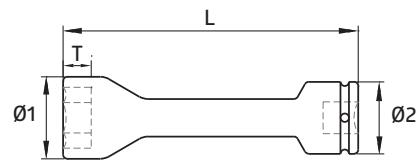
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## Barre di Torsione

Torque Sticks / Barres de Torsion



| mm<br>in  | CODE      | Coppia<br>Torque / Couple | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg   |    |
|-----------|-----------|---------------------------|----------|----------|---------|---------|------|----|
| 27 1"1/16 | F27TQ 450 | ~ 450                     | 46       | 58       | 305     | 27      | 1,6  | F1 |
| 30 1"3/16 | F30TQ 550 | ~ 550                     | 50       | 58       | 305     | 30      | 1,7  | F1 |
| 32 1"1/4  | F32TQ 600 | ~ 600                     | 52       | 58       | 305     | 32      | 1,85 | F1 |
| 33        | F33TQ 650 | ~ 650                     | 53       | 58       | 305     | 32      | 1,9  | F1 |
| 34        | F34TQ 650 | ~ 650                     | 54       | 58       | 305     | 32      | 1,95 | F1 |
| 36        | F36TQ 650 | ~ 650                     | 57       | 58       | 305     | 32      | 2    | F1 |

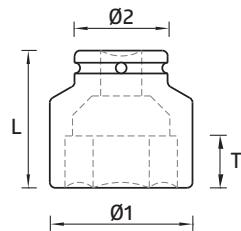


## Chiavi a Bussola Quadre

4-point Sockets / Douilles 4-pans



| mm<br>Ø | CODE    | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm |   |
|---------|---------|----------|----------|---------|---------|---|
| 17      | RF17 SQ | 52       | 52       | 57      | 24      | F |
| 19      | RF19 SQ | 52       | 52       | 57      | 24      | F |
| 20      | RF20 SQ | 52       | 52       | 57      | 24      | F |
| 21      | RF21 SQ | 52       | 52       | 57      | 24      | F |



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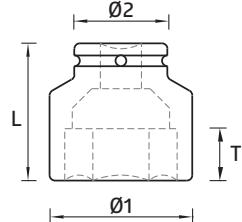


## Chiavi a Bussola Doppio Quadro

8-point Sockets / Douilles 8-pans



| mm | CODE     | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm | L<br>mm | T<br>mm |    |
|----|----------|-----------------------|-----------------------|---------|---------|----|
| 19 | RF19 DSQ | 45                    | 54                    | 60      | 13      | F  |
| 24 | RF24 DSQ | 52                    | 54                    | 60      | 18      | F  |
| 27 | RF27 DSQ | 56,5                  | 54                    | 60      | 19      | F  |
| 30 | RF30 DSQ | 61                    | 54                    | 62      | 21      | F  |
| 32 | RF32 DSQ | 64                    | 54                    | 62      | 22      | F  |
| 35 | RF35 DSQ | 68,5                  | 58                    | 65      | 22      | F1 |
| 38 | RF38 DSQ | 73                    | 58                    | 67      | 24      | F1 |
| 46 | RF46 DSQ | 86                    | 62                    | 76      | 30      | F1 |

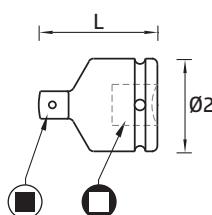


## Adattatori

Adaptors / Adaptateurs



|    |        | CODE | $\varnothing_2$<br>mm | L<br>mm | kg    |   | Aggancio<br>Locking / Verrouillage |
|----|--------|------|-----------------------|---------|-------|---|------------------------------------|
| 1" | 3/4"   | FE   | 54                    | 85      | 0,675 | F | Foro<br>Hole / Trou                |
| 1" | 1"1/2" | FH   | 54                    | 85      | 1     | F | Foro<br>Hole / Trou                |



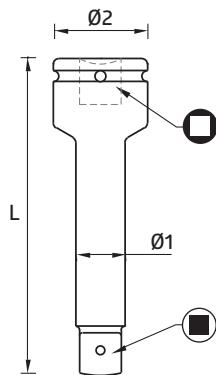
I valori possono variare senza preavviso - I valori di peso sono indicativi.

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## Prolunghе

Extensions / Rallonges

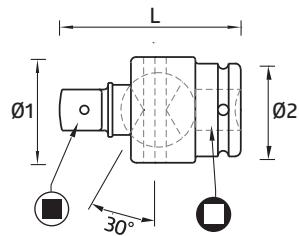
|    |      | CODE | Ø1 mm | Ø2 mm | L mm | L in | kg   |   | Aggancio<br>Locking / Verrouillage |
|----|------|------|-------|-------|------|------|------|---|------------------------------------|
| 1" | 3/4" | FE7  | 25    | 54    | 175  | 7    | 1,1  | F | Foro<br>Hole / Trou                |
| 1" | 1"   | FF7  | 30    | 54    | 175  | 7    | 1,3  | F | Foro<br>Hole / Trou                |
| 1" | 1"   | FF10 | 30    | 54    | 250  | 10   | 1,7  | F | Foro<br>Hole / Trou                |
| 1" | 1"   | FF13 | 30    | 54    | 330  | 13   | 2,15 | F | Foro<br>Hole / Trou                |



## Snodo

Universal Joint / Cardan Universel

|    |    | CODE | Ø1 mm | Ø2 mm | L mm | kg   |   | Aggancio<br>Locking / Verrouillage |
|----|----|------|-------|-------|------|------|---|------------------------------------|
| 1" | 1" | FF   | 60    | 54    | 110  | 1,25 | F | Foro<br>Hole / Trou                |



I valori possono variare senza preavviso - I valori di peso sono indicativi.

Values may change without prior notice - Weight values are approximate. / Les valeurs peuvent changer sans préavis - Les valeurs de poids sont indicatives.

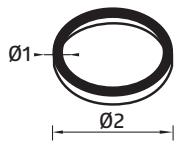


## Trattenitori

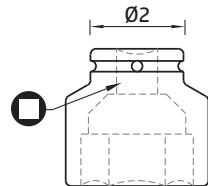
Retainers / Systèmes de Retenue



|    | L<br>mm | Ø<br>mm |
|----|---------|---------|
| F  | 45      | 5       |
| F1 | 50      | 5       |
| H  | 75      | 6       |



|    | Ø1<br>mm | Ø2<br>mm |
|----|----------|----------|
| F  | 6        | 45       |
| F1 | 6        | 48       |
| H  | 7        | 75       |



|    | Ø2<br>mm        |
|----|-----------------|
| F  | 1"              |
| F1 | 1"              |
| H  | 1"-1"1/2" 84/86 |

I valori possono variare senza preavviso - I valori di peso sono indicativi.

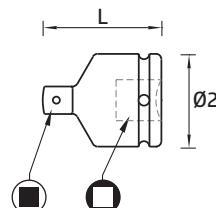
Values may change without prior notice - Weight values are approximate. / Les valeurs peuvent changer sans préavis - Les valeurs de poids sont indicatives.

## Adattatori

Adaptors / Adaptateurs



|       |       | CODE | $\varnothing_2$<br>mm | L<br>mm |     |   | Aggancio<br>Locking / Verrouillage |
|-------|-------|------|-----------------------|---------|-----|---|------------------------------------|
| 1"1/4 | 1"    | GF   | 69                    | 90      | 1,3 | G | <b>Foro</b><br>Hole / Trou         |
| 1"1/4 | 1"1/2 | GH   | 69                    | 95      | 1,5 | G | <b>Foro</b><br>Hole / Trou         |



## Trattenitori

Retainers / Systèmes de Retenue



|   | L<br>mm | $\varnothing$<br>mm |
|---|---------|---------------------|
| G | 60      | 5                   |

|   | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm |
|---|-----------------------|-----------------------|
| G | 6                     | 58                    |

|   |       | $\varnothing_2$<br>mm |
|---|-------|-----------------------|
| G | 1"1/4 | 69                    |

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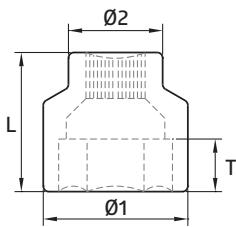
## Chiavi a Bussola Esagonali

6-point Sockets / Douilles 6-pans

ISO 2725-2



| mm<br>in                           | CODE        | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm | L<br>mm | T<br>mm |    |
|------------------------------------|-------------|-----------------------|-----------------------|---------|---------|----|
| 30 1 <sup>3</sup> / <sub>16</sub>  | <b>SD30</b> | 53                    | 59                    | 80      | 20      | F1 |
| 32 1 <sup>1</sup> / <sub>4</sub>   | <b>SD32</b> | 55                    | 59                    | 80      | 22      | F1 |
| 36                                 | <b>SD36</b> | 60                    | 60                    | 80      | 24      | F1 |
| 41 1 <sup>5</sup> / <sub>8</sub>   | <b>SD41</b> | 67                    | 60                    | 80      | 27      | F1 |
| 46 1 <sup>13</sup> / <sub>16</sub> | <b>SD46</b> | 73                    | 60                    | 84      | 30      | F1 |
| 50                                 | <b>SD50</b> | 78                    | 60                    | 87      | 33      | F1 |
| 55                                 | <b>SD55</b> | 84                    | 65                    | 92      | 36      | F1 |
| 60 2 <sup>3</sup> / <sub>8</sub>   | <b>SD60</b> | 88                    | 65                    | 96      | 39      | F1 |
| 65 2 <sup>9</sup> / <sub>16</sub>  | <b>SD65</b> | 97                    | 65                    | 100     | 39      | F1 |
| 70 2 <sup>3</sup> / <sub>4</sub>   | <b>SD70</b> | 103                   | 65                    | 105     | 40      | F1 |



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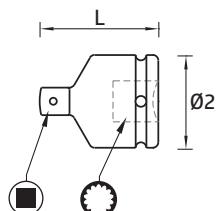


## Adattatori

Adaptors / Adaptateurs



|          |        | CODE | Ø2<br>mm | L<br>mm | kg  |    | Aggancio<br>Locking / Verrouillage |
|----------|--------|------|----------|---------|-----|----|------------------------------------|
| Spline 5 | 1"     | SDF  | 59       | 88      | 1,1 | F1 | <b>Foro</b><br>Hole / Trou         |
| Spline 5 | 1 1/2" | SDH  | 59       | 98      | 1,3 | F1 | <b>Foro</b><br>Hole / Trou         |

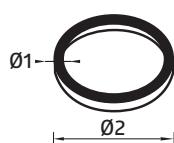


## Trattenitori

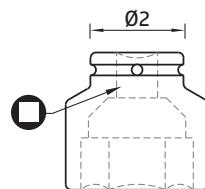
Retainers / Systèmes de Retenue



|    | L<br>mm | Ø<br>mm |
|----|---------|---------|
| F1 | 50      | 5       |



|    | Ø1<br>mm | Ø2<br>mm |
|----|----------|----------|
| F1 | 6        | 48       |



|    | Ø2<br>mm |
|----|----------|
| F1 | 1"       |

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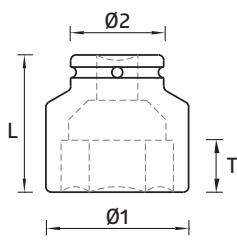


## Chiavi a Bussola Esagonali

6-point Sockets / Douilles 6-pans



| mm<br>in   | CODE            | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg   |   |
|------------|-----------------|----------|----------|---------|---------|------|---|
| 30 1"3/16  | <b>H30</b>      | 56,5     | 84       | 74      | 20      | 1,85 | H |
| 32 1"1/4   | <b>H32</b>      | 59       | 84       | 76      | 22      | 1,85 | H |
| 1"5/16     | <b>H1.5/16</b>  | 61       | 84       | 76      | 22      | 1,85 | H |
| 34         | <b>H34</b>      | 61,5     | 84       | 76      | 22      | 1,85 | H |
| 1"3/8      | <b>H1.3/8</b>   | 63       | 84       | 78      | 24      | 2    | H |
| 36         | <b>H36</b>      | 64       | 84       | 78      | 24      | 1,95 | H |
| 1"7/16     | <b>H1.7/16</b>  | 65       | 84       | 78      | 24      | 2    | H |
| 38 1"1/2   | <b>H38</b>      | 66,5     | 84       | 79      | 24      | 2    | H |
| 1"9/16     | <b>H1.9/16</b>  | 69       | 84       | 80      | 27      | 2    | H |
| 41 1"5/8   | <b>H41</b>      | 70       | 84       | 80      | 27      | 2    | H |
| 1"11/16    | <b>H1.11/16</b> | 73       | 84       | 80      | 27      | 2,05 | H |
| 1"3/4      | <b>H1.3/4</b>   | 74,5     | 84       | 84      | 30      | 2,2  | H |
| 46 1"13/16 | <b>H46</b>      | 76,5     | 84       | 84      | 30      | 2,2  | H |
| 1"7/8      | <b>H1.7/8</b>   | 79       | 84       | 84      | 30      | 2,2  | H |
| 50         | <b>H50</b>      | 81,5     | 84       | 87      | 33      | 2,4  | H |
| 2"         | <b>H2</b>       | 82,5     | 84       | 87      | 33      | 2,35 | H |
| 52 2"1/16  | <b>H2.1/16</b>  | 84       | 84       | 87      | 33      | 2,35 | H |
| 54 2"1/8   | <b>H2.1/8</b>   | 86       | 86       | 90      | 36      | 2,6  | H |
| 55         | <b>H55</b>      | 88       | 86       | 90      | 36      | 2,6  | H |
| 56 2"3/16  | <b>H56</b>      | 88       | 86       | 90      | 36      | 2,6  | H |
| 2"1/4      | <b>H2.1/4</b>   | 90       | 86       | 90      | 36      | 2,7  | H |
| 60 2"3/8   | <b>H60</b>      | 94       | 86       | 95      | 39      | 2,95 | H |
| 2"7/16     | <b>H2.7/16</b>  | 96,5     | 86       | 95      | 39      | 2,7  | H |
| 2"1/2      | <b>H2.1/2</b>   | 98,5     | 86       | 100     | 39      | 3,3  | H |
| 65 2"9/16  | <b>H65</b>      | 100      | 86       | 100     | 39      | 3,4  | H |
| 2"5/8      | <b>H2.5/8</b>   | 102      | 86       | 100     | 39      | 3,45 | H |



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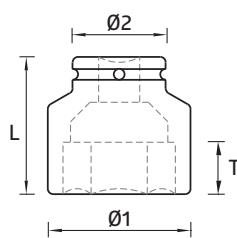
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ISO 2725-2



| mm<br>in   | CODE            | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm | L<br>mm | T<br>mm | kg   |    |
|------------|-----------------|-----------------------|-----------------------|---------|---------|------|----|
| 70 2"3/4   | <b>H70</b>      | 106,5                 | 86                    | 105     | 40      | 3,9  | H  |
| 2"13/16    | <b>H2.13/16</b> | 108                   | 86                    | 105     | 40      | 4,2  | H  |
| 75 2"15/16 | <b>H75</b>      | 113                   | 86                    | 110     | 40      | 4,4  | H  |
| 3"         | <b>H3</b>       | 114                   | 86                    | 110     | 40      | 4,45 | H  |
| 80 3"1/8   | <b>H80</b>      | 119                   | 86                    | 116     | 42      | 5,55 | H  |
| 3"1/4      | <b>H3.1/4</b>   | 122                   | 86                    | 121     | 45      | 5,55 | H  |
| 85 3"3/8   | <b>H85</b>      | 125                   | 86                    | 121     | 45      | 5,6  | H  |
| 3"1/2      | <b>H3.1/2</b>   | 130                   | 86                    | 127     | 48      | 6,2  | H  |
|            | <b>H90</b>      | 132                   | 86                    | 127     | 48      | 6,4  | H  |
| 95 3"3/4   | <b>H95</b>      | 138                   | 96                    | 127     | 51      | 7,3  | H1 |
| 3"7/8      | <b>H3.7/8</b>   | 142                   | 96                    | 129     | 54      | 7,75 | H1 |
| 100        | <b>H100</b>     | 144                   | 96                    | 129     | 54      | 7,85 | H1 |
|            | <b>H4</b>       | 146                   | 96                    | 129     | 54      | 8    | H1 |
| 105 4"1/8  | <b>H105</b>     | 150                   | 96                    | 135     | 58      | 8,6  | H1 |
| 4"1/4      | <b>H4.1/4</b>   | 154                   | 96                    | 140     | 61      | 9,1  | H1 |
| 110        | <b>H110</b>     | 157                   | 96                    | 140     | 61      | 9,7  | H1 |
| 115 4"1/2  | <b>H115</b>     | 163                   | 96                    | 140     | 64      | 10   | H1 |
| 4"5/8      | <b>H4.5/8</b>   | 166                   | 96                    | 143     | 68      | 10,2 | H1 |
| 120        | <b>H120</b>     | 169                   | 96                    | 143     | 68      | 10,5 | H1 |
| 4"3/4      | <b>H4.3/4</b>   | 170                   | 96                    | 143     | 68      | 10,9 | H1 |
| 125        | <b>H125</b>     | 175                   | 96                    | 146     | 70      | 11,3 | H1 |
| 5"         | <b>H5</b>       | 178                   | 96                    | 149     | 72      | 11,5 | H1 |
| 130 5"1/8  | <b>H130</b>     | 182                   | 96                    | 149     | 72      | 12,2 | H1 |
| 135        | <b>H135</b>     | 187                   | 96                    | 150     | 76      | 13,1 | H1 |



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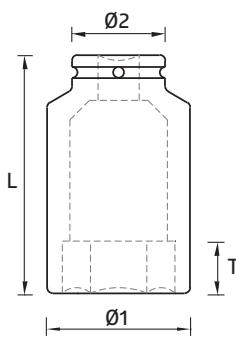


## Chiavi a Bussola Esagonali Lunghe

6-point Sockets Deep / Douilles 6-pans Longues



| mm<br>in   | CODE            | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg   |   |
|------------|-----------------|----------|----------|---------|---------|------|---|
| 30 1"3/16  | <b>H30L</b>     | 56,5     | 84       | 110     | 20      | 2,25 | H |
| 32 1"1/4   | <b>H32L</b>     | 59       | 84       | 113     | 22      | 2,45 | H |
| 34 1"5/16  | <b>H1.5/16L</b> | 61       | 84       | 113     | 22      | 2,5  | H |
| 36 1"3/8   | <b>H1.3/8L</b>  | 63       | 84       | 116     | 24      | 2,5  | H |
| 38 1"1/2   | <b>H38L</b>     | 66,5     | 84       | 118     | 24      | 2,7  | H |
| 41 1"9/16  | <b>H1.9/16L</b> | 69       | 84       | 120     | 27      | 2,8  | H |
| 46 1"13/16 | <b>H46L</b>     | 76,5     | 84       | 126     | 30      | 3,2  | H |
| 50 2"      | <b>H2L</b>      | 82,5     | 84       | 130     | 33      | 3,5  | H |
| 52 2"1/16  | <b>H2.1/16L</b> | 84       | 84       | 130     | 33      | 3,65 | H |
| 54 2"1/8   | <b>H2.1/8L</b>  | 86       | 86       | 135     | 36      | 3,75 | H |
| 55 2"3/16  | <b>H55L</b>     | 88       | 86       | 135     | 36      | 3,9  | H |
| 56 2"1/4   | <b>H2.1/4L</b>  | 90       | 86       | 135     | 36      | 4    | H |
| 60 2"3/8   | <b>H60L</b>     | 94       | 86       | 143     | 39      | 4,55 | H |
| 65 2"7/16  | <b>H2.7/16L</b> | 96,5     | 86       | 143     | 39      | 4,7  | H |
| 65 2"1/2   | <b>H2.1/2L</b>  | 98,5     | 86       | 150     | 39      | 5    | H |
| 65 2"9/16  | <b>H65L</b>     | 100      | 86       | 150     | 39      | 5,2  | H |
| 65 2"5/8   | <b>H2.5/8L</b>  | 102      | 86       | 150     | 39      | 5,5  | H |



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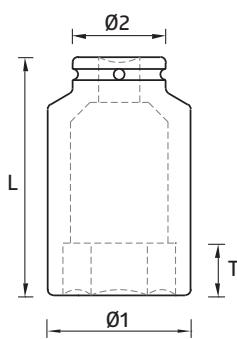
Values may change without prior notice - Weight values are approximate. / Les valeurs peuvent changer sans préavis - Les valeurs de poids sont indicatives.



ISO 2725-2



| mm<br>in   | CODE      | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm | L<br>mm | T<br>mm | kg   |    |
|------------|-----------|-----------------------|-----------------------|---------|---------|------|----|
| 70 2"3/4   | H70L      | 106,5                 | 86                    | 157     | 40      | 5,95 | H  |
| 2"13/16    | H2.13/16L | 108                   | 86                    | 157     | 40      | 6,2  | H  |
| 75 2"15/16 | H75L      | 113                   | 86                    | 165     | 40      | 6,9  | H  |
| 3"         | H3L       | 114                   | 86                    | 165     | 40      | 6,9  | H  |
| 80 3"1/8   | H80L      | 119                   | 86                    | 174     | 42      | 8,65 | H  |
| 3"1/4      | H3.1/4L   | 122                   | 86                    | 180     | 45      | 8,7  | H  |
| 85 3"3/8   | H85L      | 125                   | 86                    | 180     | 45      | 8,7  | H  |
| 3"1/2      | H3.1/2L   | 130                   | 86                    | 184     | 48      | 9,4  | H  |
| 90         | H90L      | 132                   | 86                    | 184     | 48      | 9,65 | H  |
| 95 3"3/4   | H95L      | 138                   | 96                    | 190     | 51      | 11,3 | H1 |
| 3"7/8      | H3.7/8L   | 142                   | 96                    | 193     | 54      | 11,9 | H1 |
| 100        | H100L     | 144                   | 96                    | 193     | 54      | 12   | H1 |
| 4"         | H4L       | 146                   | 96                    | 193     | 54      | 12,9 | H1 |
| 105 4"1/8  | H105L     | 150                   | 96                    | 202     | 58      | 13,5 | H1 |
| 4"1/4      | H4.1/4L   | 154                   | 96                    | 210     | 61      | 14,7 | H1 |
| 110        | H110L     | 157                   | 96                    | 210     | 61      | 15,2 | H1 |
| 115 4"1/2  | H115L     | 163                   | 96                    | 210     | 64      | 16,2 | H1 |
| 4"5/8      | H4.5/8L   | 166                   | 96                    | 214     | 68      | 16,9 | H1 |
| 120        | H120L     | 169                   | 96                    | 214     | 68      | 17,4 | H1 |
| 4"3/4      | H4.3/4L   | 170                   | 96                    | 214     | 68      | 17,8 | H1 |
| 125        | H125L     | 175                   | 96                    | 219     | 70      | 19,3 | H1 |
| 5"         | H5L       | 178                   | 96                    | 224     | 72      | 19,9 | H1 |
| 130 5"1/8  | H130L     | 182                   | 96                    | 224     | 72      | 20,3 | H1 |



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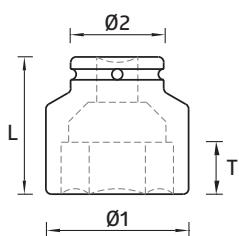
# Chiavi a Bussola Poligonali

12-point Sockets / Douilles 12-pans

ISO 2725-2



| mm<br>in   | CODE               | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm | L<br>mm | T<br>mm | kg   |    |
|------------|--------------------|-----------------------|-----------------------|---------|---------|------|----|
| 41 1"5/8   | <b>H41 DE</b>      | 70                    | 84                    | 80      | 27      | 2    | H  |
| 1"11/16    | <b>H1.11/16 DE</b> | 73                    | 84                    | 80      | 27      | 2,05 | H  |
| 1"3/4      | <b>H1.3/4 DE</b>   | 74,5                  | 84                    | 84      | 30      | 2,2  | H  |
| 46 1"13/16 | <b>H46 DE</b>      | 76,5                  | 84                    | 84      | 30      | 2,2  | H  |
| 1"7/8      | <b>H1.7/8 DE</b>   | 79                    | 84                    | 84      | 30      | 2,2  | H  |
| 50         | <b>H50 DE</b>      | 81,5                  | 84                    | 87      | 33      | 2,4  | H  |
| 2"         | <b>H2 DE</b>       | 82,5                  | 84                    | 87      | 33      | 2,35 | H  |
| 52 2"1/16  | <b>H2.1/16 DE</b>  | 84                    | 84                    | 87      | 33      | 2,35 | H  |
| 54 2"1/8   | <b>H2.1/8 DE</b>   | 86                    | 86                    | 90      | 36      | 2,6  | H  |
| 55         | <b>H55 DE</b>      | 88                    | 86                    | 90      | 36      | 2,6  | H  |
| 56 2"3/16  | <b>H56 DE</b>      | 88                    | 86                    | 90      | 36      | 2,6  | H  |
| 2"1/4      | <b>H2.1/4 DE</b>   | 90                    | 86                    | 90      | 36      | 2,7  | H  |
| 60 2"3/8   | <b>H60 DE</b>      | 94                    | 86                    | 95      | 39      | 2,95 | H  |
| 2"7/16     | <b>H2.7/16 DE</b>  | 96,5                  | 86                    | 95      | 39      | 2,7  | H  |
| 2"1/2      | <b>H2.1/2 DE</b>   | 98,5                  | 86                    | 100     | 39      | 3,3  | H  |
| 65 2"9/16  | <b>H65 DE</b>      | 100                   | 86                    | 100     | 39      | 3,4  | H  |
| 2"5/8      | <b>H2.5/8 DE</b>   | 102                   | 86                    | 100     | 39      | 3,45 | H  |
| 70 2"3/4   | <b>H70 DE</b>      | 106,5                 | 86                    | 105     | 40      | 3,9  | H  |
| 2"13/16    | <b>H2.13/16 DE</b> | 108                   | 86                    | 105     | 40      | 4,2  | H  |
| 75 2"15/16 | <b>H75 DE</b>      | 113                   | 86                    | 110     | 40      | 4,4  | H  |
| 3"         | <b>H3 DE</b>       | 114                   | 86                    | 110     | 40      | 4,45 | H  |
| 80 3"1/8   | <b>H80 DE</b>      | 119                   | 86                    | 116     | 42      | 5,55 | H  |
| 3"1/4      | <b>H3.1/4 DE</b>   | 122                   | 86                    | 121     | 45      | 5,55 | H  |
| 85 3"3/8   | <b>H85 DE</b>      | 125                   | 86                    | 121     | 45      | 5,6  | H  |
| 3"1/2      | <b>H3.1/2 DE</b>   | 130                   | 86                    | 127     | 48      | 6,2  | H  |
| 90         | <b>H90 DE</b>      | 132                   | 86                    | 127     | 48      | 6,4  | H  |
| 95 3"3/4   | <b>H95 DE</b>      | 138                   | 96                    | 127     | 51      | 7,3  | H1 |
| 3"7/8      | <b>H3.7/8 DE</b>   | 142                   | 96                    | 129     | 54      | 7,75 | H1 |
| 100        | <b>H100 DE</b>     | 144                   | 96                    | 129     | 54      | 7,85 | H1 |
| 4"         | <b>H4 DE</b>       | 146                   | 96                    | 129     | 54      | 8    | H1 |
| 105 4"1/8  | <b>H105 DE</b>     | 150                   | 96                    | 135     | 58      | 8,6  | H1 |



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H - 1" 1/2

ATTACCO QUADRO

SQUARE DRIVE / CARRE CONDUCTEUR

ISO 1174-2

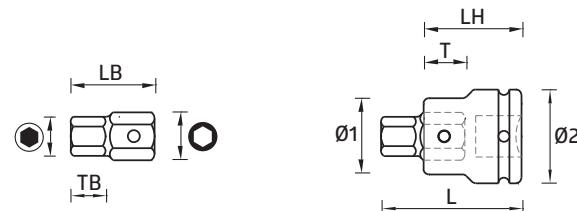


## Chiavi per Esagoni Cavi

Allen-Head Sockets / Embouts

ISO 2351-3  
ISO 1173

| mm<br>in | CODE  | Ø1<br>mm | Ø2<br>mm | L<br>mm | LH<br>mm | T<br>mm | LB<br>mm | TB<br>mm | kg |      |   |     |      |      |      |
|----------|-------|----------|----------|---------|----------|---------|----------|----------|----|------|---|-----|------|------|------|
| 1"       | HH1M  | 70       | 84       | 124     | 90       | 38      | 1"1/2    | 72       | 28 | 2,75 | H | HHH | 2,25 | H1M  | 0,5  |
| 27       | HH27M | 70       | 84       | 124     | 90       | 38      | 1"1/2    | 72       | 32 | 2,79 | H | HHH | 2,25 | H27M | 0,54 |
| 30       | HH30M | 70       | 84       | 128     | 90       | 38      | 1"1/2    | 76       | 36 | 2,85 | H | HHH | 2,25 | H30M | 0,6  |
| 32       | HH32M | 70       | 84       | 130     | 90       | 38      | 1"1/2    | 78       | 38 | 2,9  | H | HHH | 2,25 | H32M | 0,65 |
| 36       | HH36M | 70       | 84       | 134     | 90       | 38      | 1"1/2    | 82       | 42 | 3    | H | HHH | 2,25 | H36M | 0,75 |
| 41       | HH41M | 70       | 84       | 140     | 90       | 38      | 1"1/2    | 88       | 48 | 3,19 | H | HHH | 2,25 | H41M | 0,94 |
| 46       | HY46M | 84       | 84       | 158     | 104      | 50      | 2"       | 104      | 54 | 4,4  | H | HYH | 2,75 | Y46M | 1,65 |
| 50       | HY50M | 84       | 84       | 162     | 104      | 50      | 2"       | 108      | 58 | 4,6  | H | HYH | 2,75 | Y50M | 1,85 |
| 55       | HY55M | 84       | 84       | 167     | 104      | 50      | 2"       | 113      | 63 | 4,9  | H | HYH | 2,75 | Y55M | 2,15 |

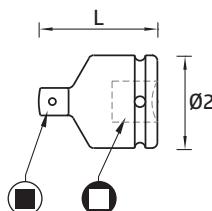


## Adattatori

Adaptors / Adaptateurs



| CODE | Ø2<br>mm | L<br>mm | kg  | Aggancio<br>Locking / Verrouillage |
|------|----------|---------|-----|------------------------------------|
| HF   | 79       | 110     | 2   | Foro<br>Hole / Trou                |
| HK   | 84       | 128     | 4,2 | Foro<br>Hole / Trou                |



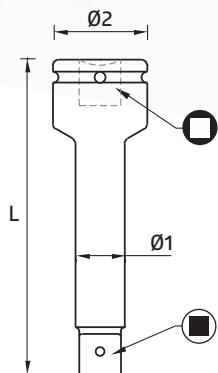
I valori possono variare senza preavviso - I valori di peso sono indicativi.

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## Prolunghе

Extensions / Rallonges



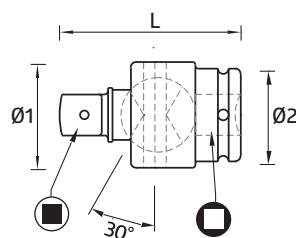
|       |       | CODE | Ø1<br>mm | Ø2<br>mm | L<br>mm | L<br>in |     | kg |  | Aggancio<br>Locking / Verrouillage |
|-------|-------|------|----------|----------|---------|---------|-----|----|--|------------------------------------|
| 1"1/2 | 1"1/2 | HH10 | 45       | 84       | 250     | 10      | 4,5 | H  |  | Foro<br>Hole / Trou                |
| 1"1/2 | 1"1/2 | HH15 | 45       | 84       | 380     | 15      | 6,2 | H  |  | Foro<br>Hole / Trou                |
| 1"1/2 | 1"1/2 | HH18 | 45       | 84       | 455     | 18      | 7   | H  |  | Foro<br>Hole / Trou                |

## Snodo

Universal Joint / Cardan Universel



|       |       | CODE | Ø1<br>mm | Ø2<br>mm | L<br>mm |      | kg |  | Aggancio<br>Locking / Verrouillage |
|-------|-------|------|----------|----------|---------|------|----|--|------------------------------------|
| 1"1/2 | 1"1/2 | HH   | 98       | 86       | 168     | 5,15 | H  |  | Foro<br>Hole / Trou                |



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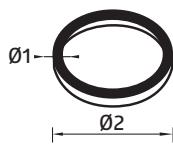


## Trattenitori

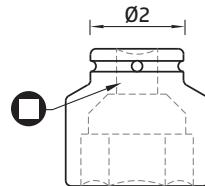
Retainers / Systèmes de Retenue



|    | L<br>mm | Ø<br>mm |
|----|---------|---------|
| H0 | 70      | 6       |
| H  | 75      | 6       |
| H1 | 85      | 6       |



|    | Ø1<br>mm | Ø2<br>mm |
|----|----------|----------|
| H0 | 7        | 70       |
| H  | 7        | 75       |
| H1 | 7        | 85       |



|    | Ø2<br>mm    |
|----|-------------|
| H0 | 1 1/2       |
| H  | 1 1/2       |
| H1 | 1 1/2-1 3/4 |

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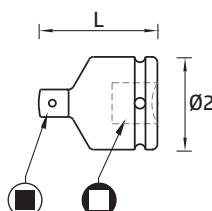


## Adattatori

Adaptors / Adaptateurs



|       |       | CODE | $\varnothing_2$<br>mm | L<br>mm |     |    | Aggancio<br>Locking / Verrouillage |
|-------|-------|------|-----------------------|---------|-----|----|------------------------------------|
| 1"3/4 | 1"1/2 | JH   | 98                    | 135     | 3,5 | H1 | Foro<br>Hole / Trou                |
| 1"3/4 | 2"1/2 | JK   | 98                    | 140     | 5,4 | H1 | Foro<br>Hole / Trou                |



## Trattenitori

Retainers / Systèmes de Retenue



|    | L<br>mm | $\varnothing$<br>mm |
|----|---------|---------------------|
| H1 | 85      | 6                   |

|    | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm |
|----|-----------------------|-----------------------|
| H1 | 7                     | 85                    |

|    |             | $\varnothing_2$<br>mm |
|----|-------------|-----------------------|
| H1 | 1"1/2-1"3/4 | 96/98                 |

I valori possono variare senza preavviso - I valori di peso sono indicativi.

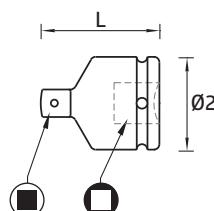
Values may change without prior notice - Weight values are approximate. / Les valeurs peuvent changer sans préavis - Les valeurs de poids sont indicatives.

## Adattatori

Adaptors / Adaptateurs



|    |       | CODE | $\varnothing_2$<br>mm | L<br>mm |     |   | Aggancio<br>Locking / Verrouillage |
|----|-------|------|-----------------------|---------|-----|---|------------------------------------|
| 2" | 1"1/2 | YH   | 108                   | 140     | 4,9 | Y | Foro<br>Hole / Trou                |
| 2" | 2"1/2 | YK   | 108                   | 150     | 6,8 | Y | Foro<br>Hole / Trou                |



## Trattenitori

Retainers / Systèmes de Retenue



|   | L<br>mm | $\varnothing$<br>mm |
|---|---------|---------------------|
| Y | 95      | 6                   |

|   | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm |
|---|-----------------------|-----------------------|
| Y | 7                     | 97                    |

|   |          | $\varnothing_2$<br>mm |
|---|----------|-----------------------|
| Y | 1"3/4-2" | 108                   |

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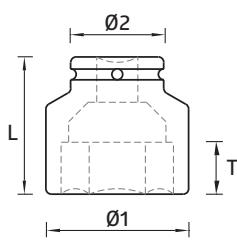


## Chiavi a Bussola Esagonali

6-point Sockets / Douilles 6-pans



| mm<br>in   | CODE          | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg    |    |
|------------|---------------|----------|----------|---------|---------|-------|----|
| 65 2"9/16  | <b>K65</b>    | 106      | 127      | 138     | 39      | 7,4   | K  |
| 2"5/8      | <b>K2.5/8</b> | 108      | 127      | 138     | 39      | 7,6   | K  |
| 70 2"3/4   | <b>K70</b>    | 112,5    | 127      | 140     | 40      | 7,7   | K  |
| 75 2"15/16 | <b>K75</b>    | 119      | 127      | 143     | 40      | 8,1   | K  |
| 3"         | <b>K3</b>     | 120      | 127      | 143     | 40      | 8,4   | K  |
| 80 3"1/8   | <b>K80</b>    | 125      | 127      | 150     | 42      | 8,65  | K  |
| 3"1/4      | <b>K3.1/4</b> | 128      | 127      | 155     | 45      | 9     | K  |
| 85 3"3/8   | <b>K85</b>    | 131      | 127      | 155     | 45      | 9,3   | K  |
| 3"1/2      | <b>K3.1/2</b> | 136      | 127      | 160     | 48      | 9,8   | K  |
| 90         | <b>K90</b>    | 137,5    | 127      | 160     | 48      | 10,1  | K  |
| 95 3"3/4   | <b>K95</b>    | 144      | 127      | 160     | 51      | 10,55 | K  |
| 3"7/8      | <b>K3.7/8</b> | 148      | 127      | 165     | 54      | 11    | K  |
| 100        | <b>K100</b>   | 150      | 127      | 165     | 54      | 11,3  | K  |
| 4"         | <b>K4</b>     | 152      | 127      | 165     | 54      | 11,5  | K  |
| 105 4"1/8  | <b>K105</b>   | 156      | 127      | 165     | 58      | 11,7  | K  |
| 4"1/4      | <b>K4.1/4</b> | 160      | 127      | 170     | 61      | 12,3  | K  |
| 110        | <b>K110</b>   | 162,5    | 127      | 170     | 61      | 12,75 | K  |
| 115 4"1/2  | <b>K115</b>   | 169      | 127      | 175     | 64      | 13,8  | K  |
| 4"5/8      | <b>K4.5/8</b> | 172      | 140      | 175     | 68      | 14,2  | K1 |
| 120        | <b>K120</b>   | 175      | 140      | 175     | 68      | 14,8  | K1 |
| 4"3/4      | <b>K4.3/4</b> | 176      | 140      | 175     | 68      | 15,5  | K1 |
| 125        | <b>K125</b>   | 181      | 140      | 175     | 70      | 16,35 | K1 |
| 5"         | <b>K5</b>     | 184      | 140      | 180     | 72      | 17    | K1 |
| 130 5"1/8  | <b>K130</b>   | 188      | 140      | 180     | 72      | 17,8  | K1 |
| 5"1/4      | <b>K5.1/4</b> | 192      | 140      | 180     | 76      | 18,2  | K1 |
| 135        | <b>K135</b>   | 194      | 140      | 180     | 76      | 18,5  | K1 |
| 140 5"1/2  | <b>K140</b>   | 200      | 140      | 185     | 78      | 19,5  | K1 |
| 145        | <b>K145</b>   | 206      | 140      | 185     | 80      | 20,3  | K1 |
| 5"3/4      | <b>K5.3/4</b> | 208      | 140      | 185     | 80      | 21    | K1 |
| 150        | <b>K150</b>   | 213      | 140      | 190     | 84      | 22    | K1 |
| 6"         | <b>K6</b>     | 216      | 140      | 195     | 88      | 22,8  | K1 |
| 155 6"1/8  | <b>K155</b>   | 219      | 140      | 200     | 88      | 23,5  | K1 |
| 6"1/4      | <b>K6.1/4</b> | 223      | 140      | 205     | 90      | -     | K1 |



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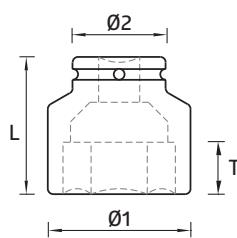
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ISO 2725-2



| mm<br>in  | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm |    |
|-----------|--------|----------|----------|---------|---------|----|
| 160       | K160   | 225      | 140      | 205     | 90      | K1 |
| 165 6"1/2 | K165   | 231      | 140      | 205     | 92      | K1 |
| 170       | K170   | 238      | 140      | 210     | 96      | K1 |
| 6"3/4     | K6.3/4 | 239      | 178      | 210     | 96      | Z  |
| 175       | K175   | 244      | 178      | 215     | 98      | Z  |
| 7"        | K7     | 247      | 178      | 215     | 100     | Z  |
| 180 7"1/8 | K180   | 250      | 178      | 215     | 100     | Z  |
| 7"1/4     | K7.1/4 | 255      | 178      | 220     | 104     | Z  |
| 185       | K185   | 256      | 178      | 220     | 104     | Z  |
| 190       | K190   | 263      | 178      | 225     | 106     | Z  |
| 7"1/2     | K7.1/2 | 263      | 178      | 225     | 106     | Z  |
| 195       | K195   | 269      | 178      | 230     | 108     | Z  |
| 7"3/4     | K7.3/4 | 271      | 178      | 230     | 108     | Z  |
| 200 7"7/8 | K200   | 275      | 203      | 240     | 112     | Z1 |
| 8"        | K8     | 279      | 203      | 240     | 112     | Z1 |
| 8"1/4     | K8.1/4 | 287      | 203      | 250     | 120     | Z1 |
| 210       | K210   | 288      | 203      | 250     | 120     | Z1 |
| 215 8"1/2 | K215   | 295      | 203      | 260     | 124     | Z1 |
| 220       | K220   | 300      | 203      | 260     | 124     | Z1 |
| 8"3/4     | K8.3/4 | 303      | 203      | 260     | 124     | Z1 |
| 9"        | K9     | 311      | 203      | 270     | 128     | Z1 |
| 230       | K230   | 313      | 203      | 270     | 128     | Z1 |
| 235 9"1/4 | K235   | 319      | 203      | 270     | 128     | Z1 |
| 240       | K240   | 325      | 203      | 280     | 136     | Z1 |
| 255 10"   | K255   | 342      | 203      | 285     | 140     | Z1 |



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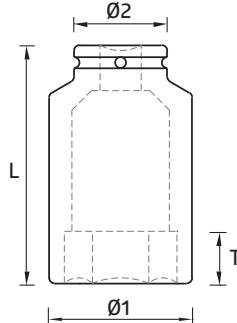
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## Chiavi a Bussola Esagonali Lunghe

6-point Sockets Deep / Douilles 6-pans Longues

ISO 2725-2



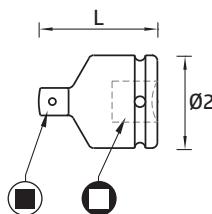
| mm<br>in   | CODE  | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | Ø  |
|------------|-------|----------|----------|---------|---------|----|
| 75 2"15/16 | K75L  | 119      | 127      | 190     | 40      | K  |
| 80 3"1/8   | K80L  | 125      | 127      | 190     | 42      | K  |
| 85 3"3/8   | K85L  | 131      | 127      | 195     | 45      | K  |
| 90         | K90L  | 137,5    | 127      | 205     | 48      | K  |
| 95 3"3/4   | K95L  | 144      | 127      | 210     | 51      | K  |
| 100        | K100L | 150      | 127      | 215     | 54      | K  |
| 105 4"1/8  | K105L | 156      | 127      | 220     | 58      | K  |
| 110        | K110L | 162,5    | 127      | 225     | 61      | K  |
| 115 4"1/2  | K115L | 169      | 127      | 230     | 64      | K  |
| 120        | K120L | 175      | 140      | 235     | 68      | K1 |
| 125        | K125L | 181      | 140      | 240     | 70      | K1 |
| 130 5"1/8  | K130L | 188      | 140      | 245     | 72      | K1 |
| 135        | K135L | 194      | 140      | 250     | 76      | K1 |
| 140 5"1/2  | K140L | 200      | 140      | 255     | 78      | K1 |
| 145        | K145L | 206      | 140      | 255     | 80      | K1 |
| 150        | K150L | 213      | 140      | 260     | 84      | K1 |

## Adattatori

Adaptors / Adaptateurs



| CODE        | Ø2<br>mm | L<br>mm | kg | Ø | Aggancio<br>Locking / Verrouillage |
|-------------|----------|---------|----|---|------------------------------------|
| 2"1/2 1"1/2 | 127      | 165     | 7  | K | Foro<br>Hole / Trou                |



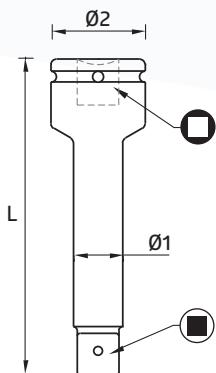
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## Prolunghе

Extensions / Rallonges



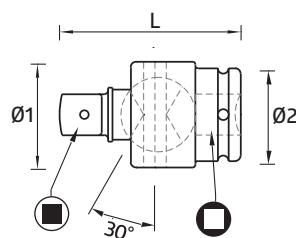
| CODE | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm | L<br>mm | L<br>in | Aggancio<br>Locking / Verrouillage |
|------|-----------------------|-----------------------|---------|---------|------------------------------------|
| KK12 | 75                    | 127                   | 305     | 12      | K<br><b>Foro</b><br>Hole / Trou    |
| KK18 | 75                    | 127                   | 455     | 18      | K<br><b>Foro</b><br>Hole / Trou    |
| KK24 | 75                    | 127                   | 610     | 24      | K<br><b>Foro</b><br>Hole / Trou    |

## Snodo

Universal Joint / Cardan Universel



| CODE | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm | L<br>mm | Aggancio<br>Locking / Verrouillage |
|------|-----------------------|-----------------------|---------|------------------------------------|
| KK   | 149                   | 127                   | 253     | K<br><b>Foro</b><br>Hole / Trou    |



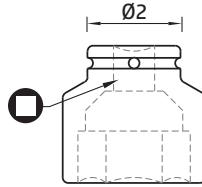
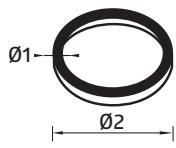
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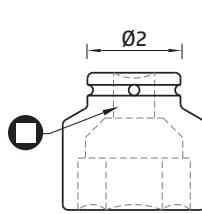
## Trattenitori

Retainers / Systèmes de Retenue



|    | L<br>mm | Ø<br>mm |
|----|---------|---------|
| K  | 110     | 8       |
| K1 | 125     | 8       |
| Z  | 160     | 8       |
| Z1 | 185     | 8       |

|    | Ø1<br>mm | Ø2<br>mm |
|----|----------|----------|
| K  | 8        | 114      |
| K1 | 8        | 127      |
| Z  | 8        | 163      |
| Z1 | 8        | 190      |



|    | Ø2<br>mm    |
|----|-------------|
| K  | 2 1/2       |
| K1 | 2 1/2       |
| Z  | 2 1/2-3 1/2 |
| Z1 | 2 1/2-3 1/2 |

I valori possono variare senza preavviso - I valori di peso sono indicativi.

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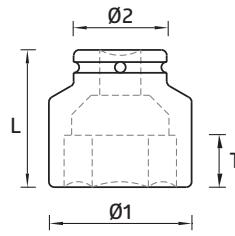
# Chiavi a Bussola Esagonali

6-point Sockets / Douilles 6-pans

ISO 2725-2



| mm<br>in  | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm |    |
|-----------|--------|----------|----------|---------|---------|----|
| 105 4"1/8 | Z105   | 166      | 178      | 185     | 58      | Z  |
| 4"1/4     | Z4.1/4 | 170      | 178      | 190     | 61      | Z  |
| 110       | Z110   | 173      | 178      | 190     | 61      | Z  |
| 115 4"1/2 | Z115   | 179      | 178      | 195     | 64      | Z  |
| 4"5/8     | Z4.5/8 | 182      | 178      | 195     | 68      | Z  |
| 120       | Z120   | 185      | 178      | 195     | 68      | Z  |
| 4"3/4     | Z4.3/4 | 186      | 178      | 195     | 68      | Z  |
| 125       | Z125   | 191      | 178      | 195     | 70      | Z  |
| 5"        | Z5     | 194      | 178      | 200     | 72      | Z  |
| 130 5"1/8 | Z130   | 198      | 178      | 200     | 72      | Z  |
| 5"1/4     | Z5.1/4 | 202      | 178      | 205     | 76      | Z  |
| 135       | Z135   | 204      | 178      | 205     | 76      | Z  |
| 140 5"1/2 | Z140   | 210      | 178      | 205     | 78      | Z  |
| 145       | Z145   | 216      | 178      | 205     | 80      | Z  |
| 5"3/4     | Z5.3/4 | 218      | 178      | 205     | 80      | Z  |
| 150       | Z150   | 223      | 178      | 210     | 84      | Z  |
| 6"        | Z6     | 226      | 203      | 215     | 88      | Z1 |
| 155 6"1/8 | Z155   | 229      | 203      | 220     | 88      | Z1 |
| 6"1/4     | Z6.1/4 | 233      | 203      | 225     | 90      | Z1 |
| 160       | Z160   | 235      | 203      | 225     | 90      | Z1 |
| 165 6"1/2 | Z165   | 241      | 203      | 225     | 92      | Z1 |
| 170       | Z170   | 248      | 203      | 230     | 96      | Z1 |
| 6"3/4     | Z6.3/4 | 249      | 203      | 230     | 96      | Z1 |
| 175       | Z175   | 254      | 203      | 235     | 98      | Z1 |
| 7"        | Z7     | 257      | 203      | 235     | 100     | Z1 |
| 180 7"1/8 | Z180   | 259      | 203      | 235     | 100     | Z1 |
| 7"1/4     | Z7.1/4 | 265      | 203      | 240     | 104     | Z1 |
| 185       | Z185   | 266      | 220      | 240     | 104     | Z2 |
| 190       | Z190   | 273      | 220      | 240     | 106     | Z2 |
| 7"1/2     | Z7.1/2 | 273      | 220      | 240     | 106     | Z2 |
| 195       | Z195   | 279      | 220      | 240     | 108     | Z2 |
| 7"3/4     | Z7.3/4 | 281      | 220      | 240     | 108     | Z2 |
| 200 7"7/8 | Z200   | 285      | 220      | 250     | 112     | Z2 |
| 8"        | Z8     | 289      | 220      | 250     | 112     | Z2 |
| 8"1/4     | Z8.1/4 | 297      | 220      | 260     | 120     | Z2 |
| 210       | Z210   | 298      | 220      | 260     | 120     | Z2 |
| 215 8"1/2 | Z215   | 305      | 220      | 270     | 124     | Z2 |
| 220       | Z220   | 310      | 220      | 270     | 124     | Z2 |
| 8"3/4     | Z8.3/4 | 313      | 220      | 270     | 124     | Z2 |
| 9"        | Z9     | 321      | 220      | 280     | 128     | Z2 |
| 230       | Z230   | 323      | 220      | 280     | 128     | Z2 |
| 235 9"1/4 | Z235   | 329      | 220      | 280     | 128     | Z2 |
| 240       | Z240   | 335      | 220      | 290     | 136     | Z2 |
| 255 10"   | Z255   | 352      | 220      | 295     | 140     | Z2 |



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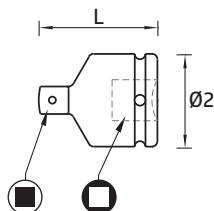


## Adattatori

Adaptors / Adaptateurs

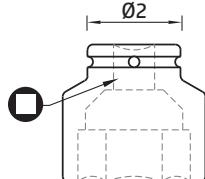
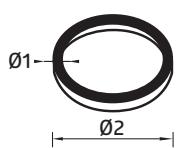
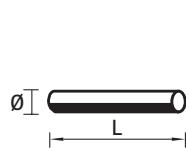


|       |       | CODE | $\varnothing_2$<br>mm | L<br>mm |    |   | Aggancio<br>Locking / Verrouillage |
|-------|-------|------|-----------------------|---------|----|---|------------------------------------|
| 3"1/2 | 2"1/2 | ZK   | 178                   | 215     | 20 | Z | Foro<br>Hole / Trou                |



## Trattenitori

Retainers / Systèmes de Retenue



|    | L<br>mm | $\varnothing$<br>mm |
|----|---------|---------------------|
| Z  | 160     | 8                   |
| Z1 | 185     | 8                   |
| Z2 | 200     | 8                   |

|    | $\varnothing_1$<br>mm | $\varnothing_2$<br>mm |
|----|-----------------------|-----------------------|
| Z  | 8                     | 163                   |
| Z1 | 8                     | 190                   |
| Z2 | 8                     | 206                   |

|    |             | $\varnothing_2$<br>mm |
|----|-------------|-----------------------|
| Z  | 2"1/2-3"1/2 | 178                   |
| Z1 | 2"1/2-3"1/2 | 203                   |
| Z2 | 3"1/2       | 220                   |

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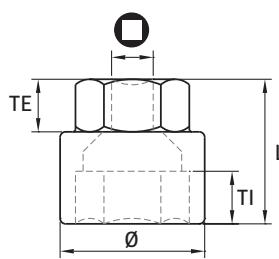
# Bussole a Percussione Esagonali

6-point Striking Sockets / Douilles à Frapper 6-pans

ISO 2725-2



| mm<br>in                           | CODE    | TI<br>mm | Ø<br>mm | L<br>mm | TE<br>mm                      | kg   |
|------------------------------------|---------|----------|---------|---------|-------------------------------|------|
| 36                                 | P36     | 24       | 58      | 75      | 3/4"                          | 0,8  |
| 38 1 <sup>1</sup> / <sub>2</sub>   | P38     | 24       | 60      | 75      | 3/4"                          | 0,8  |
| 41 1 <sup>5</sup> / <sub>8</sub>   | P41     | 27       | 63      | 80      | 1"                            | 0,85 |
| 46 1 <sup>13</sup> / <sub>16</sub> | P46     | 30       | 69      | 80      | 1"                            | 1    |
| 50                                 | P50     | 33       | 74      | 85      | 1"                            | 1,25 |
| 2"                                 | P2      | 33       | 75      | 85      | 1"                            | 1,3  |
| 55                                 | P55     | 36       | 80      | 90      | 1"                            | 1,55 |
| 2 <sup>3</sup> / <sub>16</sub>     | P2.3/16 | 36       | 81      | 90      | 1"                            | 1,6  |
| 60 2 <sup>3</sup> / <sub>8</sub>   | P60     | 39       | 88      | 95      | 1"                            | 2    |
| 65 2 <sup>9</sup> / <sub>16</sub>  | P65     | 39       | 93      | 100     | 1"                            | 2,35 |
| 70 2 <sup>3</sup> / <sub>4</sub>   | P70     | 40       | 99      | 105     | 1"                            | 2,8  |
| 75 2 <sup>15</sup> / <sub>16</sub> | P75     | 40       | 104     | 110     | 1"                            | 3,25 |
| 80 3 <sup>1</sup> / <sub>8</sub>   | P80     | 42       | 112     | 120     | 1"                            | 4,2  |
| 85 3 <sup>3</sup> / <sub>8</sub>   | P85     | 45       | 124     | 125     | 1 <sup>1</sup> / <sub>2</sub> | 4,7  |
| 3 <sup>1</sup> / <sub>2</sub>      | P3.1/2  | 48       | 128     | 130     | 1 <sup>1</sup> / <sub>2</sub> | 5,2  |
| 90                                 | P90     | 48       | 130     | 130     | 1 <sup>1</sup> / <sub>2</sub> | 5,8  |
| 95 3 <sup>3</sup> / <sub>4</sub>   | P95     | 51       | 135     | 140     | 1 <sup>1</sup> / <sub>2</sub> | 6,75 |
| 3 <sup>7</sup> / <sub>8</sub>      | P3.7/8  | 54       | 141     | 145     | 1 <sup>1</sup> / <sub>2</sub> | 7,1  |
| 100                                | P100    | 54       | 143     | 145     | 1 <sup>1</sup> / <sub>2</sub> | 7,8  |
| 105 4 <sup>1</sup> / <sub>8</sub>  | P105    | 58       | 149     | 155     | 1 <sup>1</sup> / <sub>2</sub> | 9,2  |
| 4 <sup>1</sup> / <sub>4</sub>      | P4.1/4  | 61       | 152     | 160     | 1 <sup>1</sup> / <sub>2</sub> | 9,6  |
| 110                                | P110    | 61       | 155     | 160     | 1 <sup>1</sup> / <sub>2</sub> | 10   |
| 115 4 <sup>1</sup> / <sub>2</sub>  | P115    | 64       | 160     | 165     | 1 <sup>1</sup> / <sub>2</sub> | 11,7 |
| 4 <sup>5</sup> / <sub>8</sub>      | P4.5/8  | 68       | 165     | 170     | 1 <sup>1</sup> / <sub>2</sub> | 12   |
| 120                                | P120    | 68       | 168     | 170     | 1 <sup>1</sup> / <sub>2</sub> | 12,2 |
| 4 <sup>3</sup> / <sub>4</sub>      | P4.3/4  | 68       | 169     | 170     | 1 <sup>1</sup> / <sub>2</sub> | 13   |
| 125                                | P125    | 70       | 174     | 175     | 1 <sup>1</sup> / <sub>2</sub> | 13,5 |
| 5"                                 | P5      | 72       | 176     | 180     | 1 <sup>1</sup> / <sub>2</sub> | 14,3 |
| 130 5 <sup>1</sup> / <sub>8</sub>  | P130    | 72       | 180     | 180     | 1 <sup>1</sup> / <sub>2</sub> | 14,8 |

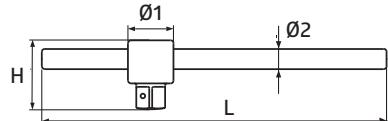


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## Leve a T scorrevole

Sliding T levers / Leviers à T coulissant



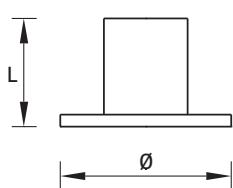
| in<br>Ø | CODE | Ø1<br>mm | Ø2<br>mm | L<br>mm | H<br>mm | kg  |
|---------|------|----------|----------|---------|---------|-----|
| 1/2"    | CSLD | 38       | 19       | 380     | 58      | 1   |
| 3/4"    | ESLD | 49       | 23       | 508     | 81      | 2,2 |
| 1"      | FSLD | 64       | 30       | 710     | 97      | 5,1 |
| 1 1/2"  | HSLD | 79       | 35       | 915     | 120     | 9,7 |

## Adattatori Quadri

Square Adaptors / Adaptateurs Carré



| Ø<br>in | Ø<br>in | CODE   | Ø<br>mm | L<br>mm |
|---------|---------|--------|---------|---------|
| 1/4"    | 3/8"    | RAB/CC | 19      | 17      |
| 1/4"    | 1/2"    | RAC/CC | 25      | 22      |
| 3/8"    | 1/2"    | RBC/CC | 25      | 22      |
| 1/2"    | 5/8"    | RCD/CC | 35      | 23      |
| 1/2"    | 3/4"    | RCE/CC | 44      | 30      |
| 3/4"    | 1"      | REF/CC | 54      | 35      |
| 1"      | 1 1/2"  | RFH/CC | 86      | 50      |
| 1 1/2"  | 2 1/2"  | RHK/CC | 127     | 59      |
| 2 1/2"  | 3 1/2"  | RKZ/CC | 176     | 95      |



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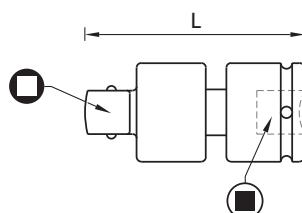
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## Adattatori a Sgancio Rapido

Quick Release Adaptors / Adaptateurs à Décrochement Rapide



| Ø1<br>" | Ø2<br>" | CODE     | L<br>mm |
|---------|---------|----------|---------|
| 1/4"    | 1/4"    | RAA QCA  | 35      |
| 3/8"    | 3/8"    | RBB QCA  | 46      |
| 3/8"    | 1/2"    | RBC QCA  | 60      |
| 1/2"    | 3/8"    | RCB QCA  | 54      |
| 1/2"    | 1/2"    | RCC QCA  | 60      |
| 3/4"    | 1/2"    | REC QCA  | 70      |
| 3/4"    | 3/4"    | REE QCA  | 78      |
| 1"      | 3/4"    | RFE QCA  | 90      |
| 1"      | 1"      | RFF QCA  | 100     |
| 1"      | 3/4"    | RFEL QCA | 300     |

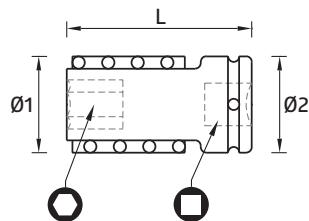


## Mandrini a Sgancio Rapido

Quick Release Chucks / Mandrin à Décrochement Rapide



| Ø1<br>" | Ø2<br>" | CODE    | Ø1<br>mm | Ø2<br>mm | L<br>mm |
|---------|---------|---------|----------|----------|---------|
| 3/8"    | 1/4"    | RBAD/CK | 22       | 22       | 33      |
| 1/2"    | 1/4"    | RCAD/CK | 25       | 25       | 41      |



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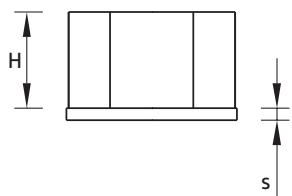
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## Riduttori Esagonali

Hexagonal Reducers / Adaptateurs Hexagonaux



|     | MAX | CODE      | H mm | s mm |
|-----|-----|-----------|------|------|
| 36  | 32  | HR36....  | 24   | 3    |
| 41  | 36  | HR41....  | 27   | 3    |
| 46  | 41  | HR46....  | 30   | 5    |
| 50  | 46  | HR50....  | 33   | 5    |
| 55  | 50  | HR55....  | 36   | 5    |
| 60  | 55  | HR60....  | 39   | 5    |
| 65  | 60  | HR65....  | 39   | 5    |
| 70  | 65  | HR70....  | 40   | 5    |
| 75  | 70  | HR75....  | 40   | 5    |
| 80  | 75  | HR80....  | 42   | 5    |
| 85  | 80  | HR85....  | 45   | 5    |
| 90  | 85  | HR90....  | 48   | 5    |
| 95  | 90  | HR95....  | 51   | 5    |
| 100 | 95  | HR100.... | 54   | 5    |
| 105 | 100 | HR105.... | 58   | 5    |
| 110 | 105 | HR110.... | 61   | 5    |
| 115 | 110 | HR115.... | 64   | 5    |
| 120 | 115 | HR120.... | 68   | 5    |
| 125 | 120 | HR125.... | 70   | 5    |
| 130 | 125 | HR130.... | 72   | 5    |
| 135 | 130 | HR135.... | 76   | 5    |
| 140 | 135 | HR140.... | 78   | 5    |
| 145 | 140 | HR145.... | 80   | 5    |
| 150 | 145 | HR150.... | 84   | 5    |
| 155 | 150 | HR155.... | 88   | 5    |



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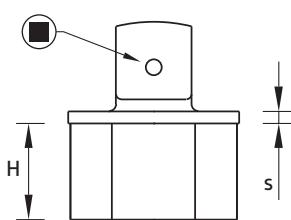
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## Adattatori Esagono - Quadro

Hexagon - Square Adaptors / Adaptateurs Hexagon - Carré



| mm<br> | in<br> | CODE               | H<br>mm | s<br>mm | Versione<br>Version / Version        |
|--------|--------|--------------------|---------|---------|--------------------------------------|
| 36     | 3/4"   | <b>HS36-3/4</b>    | 24      | 3       | <b>Integrale</b> / Solid / Intégrale |
| 36     | 1"     | <b>HS36-1</b>      | 24      | 3       | <b>Integrale</b> / Solid / Intégrale |
| 41     | 3/4"   | <b>HS41-3/4</b>    | 27      | 3       | <b>Integrale</b> / Solid / Intégrale |
| 41     | 1"     | <b>HS41-1</b>      | 27      | 3       | <b>Integrale</b> / Solid / Intégrale |
| 46     | 3/4"   | <b>HS46-3/4</b>    | 30      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 46     | 1"     | <b>HS46-1</b>      | 30      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 50     | 1"     | <b>HS50-1</b>      | 33      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 55     | 1"     | <b>HS55-1</b>      | 36      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 55     | 1 1/2" | <b>HS55-1.1/2</b>  | 36      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 60     | 1"     | <b>HS60-1</b>      | 39      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |
| 60     | 1 1/2" | <b>HS60-1.1/2</b>  | 39      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 65     | 1"     | <b>HS65-1</b>      | 39      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |
| 65     | 1 1/2" | <b>HS65-1.1/2</b>  | 39      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 70     | 1"     | <b>HS70-1</b>      | 40      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |
| 70     | 1 1/2" | <b>HS70-1.1/2</b>  | 40      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 75     | 1"     | <b>HS75-1</b>      | 40      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |
| 75     | 1 1/2" | <b>HS75-1.1/2</b>  | 40      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 80     | 1 1/2" | <b>HS80-1.1/2</b>  | 42      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 85     | 1 1/2" | <b>HS85-1.1/2</b>  | 45      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |
| 90     | 1 1/2" | <b>HS90-1.1/2</b>  | 48      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |
| 90     | 2 1/2" | <b>HS90-2.1/2</b>  | 48      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 95     | 1 1/2" | <b>HS95-1.1/2</b>  | 51      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |
| 95     | 2 1/2" | <b>HS95-2.1/2</b>  | 51      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 100    | 1 1/2" | <b>HS100-1.1/2</b> | 54      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |
| 100    | 2 1/2" | <b>HS100-2.1/2</b> | 54      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 105    | 2 1/2" | <b>HS105-2.1/2</b> | 58      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 110    | 2 1/2" | <b>HS110-2.1/2</b> | 61      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 115    | 2 1/2" | <b>HS115-2.1/2</b> | 64      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 120    | 2 1/2" | <b>HS120-2.1/2</b> | 68      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 125    | 2 1/2" | <b>HS125-2.1/2</b> | 70      | 5       | <b>Integrale</b> / Solid / Intégrale |
| 130    | 2 1/2" | <b>HS130-2.1/2</b> | 72      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |
| 135    | 2 1/2" | <b>HS135-2.1/2</b> | 76      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |
| 140    | 2 1/2" | <b>HS140-2.1/2</b> | 78      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |
| 145    | 2 1/2" | <b>HS145-2.1/2</b> | 80      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |
| 150    | 2 1/2" | <b>HS150-2.1/2</b> | 84      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |
| 155    | 2 1/2" | <b>HS155-2.1/2</b> | 88      | 5       | <b>2 pezzi</b> / 2-piece / 2 pièces  |

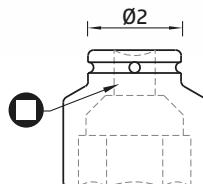
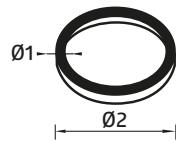


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## Trattenitori

Retainers / Systèmes de Retenue



|    | L<br>mm | Ø<br>mm |
|----|---------|---------|
| A  | 10      | 1,5     |
| B  | 14      | 2,5     |
| B1 | 16      | 2,5     |
| C  | 20      | 3       |
| D  | 30      | 3       |
| E  | 35      | 4       |
| F  | 45      | 5       |
| F1 | 50      | 5       |
| G  | 60      | 5       |
| H0 | 70      | 6       |
| H  | 75      | 6       |
| H1 | 85      | 6       |
| Y  | 95      | 6       |
| Y1 | 105     | 6       |
| K  | 110     | 8       |
| K1 | 125     | 8       |
| Z  | 160     | 8       |
| Z1 | 185     | 8       |
| Z2 | 200     | 8       |

|    | Ø1<br>mm | Ø2<br>mm |
|----|----------|----------|
| A  | 2,5      | 9        |
| B  | 3,5      | 13       |
| B1 | 3,5      | 16       |
| C  | 4        | 19       |
| D  | 4,5      | 28       |
| E  | 5        | 36       |
| F  | 6        | 45       |
| F1 | 6        | 48       |
| G  | 6        | 58       |
| H0 | 7        | 70       |
| H  | 7        | 75       |
| H1 | 7        | 97       |
| Y  | 7        | 97       |
| Y1 | 7        | 109      |
| K  | 8        | 114      |
| K1 | 8        | 127      |
| Z  | 8        | 163      |
| Z1 | 8        | 190      |
| Z2 | 8        | 206      |

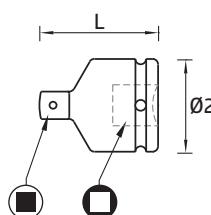
|    | Ø2<br>mm    |
|----|-------------|
| A  | 1/4"        |
| B  | 3/8"        |
| B1 | 3/8"-1/2"   |
| C  | 3/8"-1/2"   |
| D  | 1/2"-3/8"   |
| E  | 3/4"        |
| F  | 3/4"-1"     |
| F1 | 1"          |
| G  | 1"1/4       |
| H0 | 1"1/2       |
| H  | 1"1/2       |
| H1 | 1"1/2-1"3/4 |
| Y  | 1"3/4-2"    |
| Y1 | 2"          |
| K  | 2"1/2       |
| K1 | 2"1/2       |
| Z  | 2"1/2-3"1/2 |
| Z1 | 2"1/2-3"1/2 |
| Z2 | 3"1/2       |

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## Adattatori

Adaptors / Adaptateurs



|          |       | CODE | Ø2<br>mm | L<br>mm | kg    |    |  | Aggancio<br>Locking / Verrouillage |
|----------|-------|------|----------|---------|-------|----|--|------------------------------------|
| 1/4"     | 3/8"  | AB   | 13       | 25      | 0,016 | A  |  | <b>Sfera</b><br>Ball / Bille       |
| 3/8"     | 1/4"  | BA   | 19       | 32      | 0,03  | B1 |  | <b>Sfera</b><br>Ball / Bille       |
| 3/8"     | 1/2"  | BC   | 22       | 38      | 0,065 | B1 |  | <b>Sfera</b><br>Ball / Bille       |
| 1/2"     | 3/8"  | CB   | 25       | 44      | 0,075 | C1 |  | <b>Sfera</b><br>Ball / Bille       |
| 1/2"     | 5/8"  | CD   | 30       | 45      | 0,15  | C1 |  | <b>Foro</b><br>Hole / Trou         |
| 1/2"     | 3/4"  | CE   | 30       | 50      | 0,175 | C1 |  | <b>Foro</b><br>Hole / Trou         |
| 5/8"     | 1/2"  | DC   | 35       | 52      | 0,188 | D  |  | <b>Sfera</b><br>Ball / Bille       |
| 5/8"     | 3/4"  | DE   | 35       | 52      | 0,208 | D  |  | <b>Foro</b><br>Hole / Trou         |
| 3/4"     | 1/2"  | EC   | 44       | 70      | 0,35  | E  |  | <b>Sfera</b><br>Ball / Bille       |
| 3/4"     | 5/8"  | ED   | 44       | 70      | 0,375 | E  |  | <b>Foro</b><br>Hole / Trou         |
| 3/4"     | 1"    | EF   | 44       | 70      | 0,475 | E  |  | <b>Foro</b><br>Hole / Trou         |
| 1"       | 3/4"  | FE   | 54       | 85      | 0,675 | F  |  | <b>Foro</b><br>Hole / Trou         |
| 1"       | 1 1/2 | FH   | 54       | 85      | 1     | F  |  | <b>Foro</b><br>Hole / Trou         |
| 1 1/4    | 1"    | GF   | 69       | 90      | 1,3   | G  |  | <b>Foro</b><br>Hole / Trou         |
| 1 1/4    | 1 1/2 | GH   | 69       | 95      | 1,5   | G  |  | <b>Foro</b><br>Hole / Trou         |
| Spline 5 | 1"    | SDF  | 59       | 88      | 1,1   | F1 |  | <b>Foro</b><br>Hole / Trou         |
| Spline 5 | 1 1/2 | SDH  | 59       | 98      | 1,3   | F1 |  | <b>Foro</b><br>Hole / Trou         |
| 1 1/2    | 1"    | HF   | 79       | 110     | 2     | H0 |  | <b>Foro</b><br>Hole / Trou         |
| 1 1/2    | 2 1/2 | HK   | 84       | 128     | 4,2   | H0 |  | <b>Foro</b><br>Hole / Trou         |
| 1 3/4    | 1 1/2 | JH   | 98       | 135     | 3,5   | H1 |  | <b>Foro</b><br>Hole / Trou         |
| 1 3/4    | 2 1/2 | JK   | 98       | 140     | 5,4   | H1 |  | <b>Foro</b><br>Hole / Trou         |
| 2"       | 1 1/2 | YH   | 108      | 140     | 4,9   | Y  |  | <b>Foro</b><br>Hole / Trou         |
| 2"       | 2 1/2 | YK   | 108      | 150     | 6,8   | Y  |  | <b>Foro</b><br>Hole / Trou         |
| 2 1/2    | 1 1/2 | KH   | 127      | 165     | 7     | K  |  | <b>Foro</b><br>Hole / Trou         |
| 3 1/2    | 2 1/2 | ZK   | 178      | 215     | 20    | Z  |  | <b>Foro</b><br>Hole / Trou         |

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# Inserti

Power Bits / Embouts





**FORMA "C"**  
FORM "C" / FORM "C"

**1/4"**

ATTACCO ESAGONALE

HEXAGONAL SHANK / HEXAGONE CONDUCTEUR

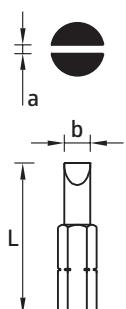
ISO 1173 – DIN 3126



## Taglio

Slotted / Fente

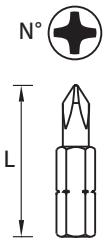
ISO 2380  
DIN 3127



| a<br>mm | b<br>mm | CODE   | L<br>mm | g  |
|---------|---------|--------|---------|----|
| 0,5     | 3       | AC3I   | 25      | 2  |
| 0,6     | 3,5     | AC3,5I | 25      | 3  |
| 0,6     | 4       | AC4I   | 25      | 4  |
| 0,6     | 4,5     | AC4,5I | 25      | 6  |
| 0,8     | 5,5     | AC5,5I | 25      | 8  |
| 1,2     | 6,5     | AC6,5I | 25      | 10 |
| 1,2     | 8       | AC8I   | 25      | 12 |
| 1,6     | 10      | AC10I  | 25      | 16 |

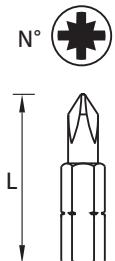
## Phillips

ISO 2351-2  
DIN 3128



| N° | CODE | L<br>mm | g |
|----|------|---------|---|
| 0  | AC0X | 25      | 2 |
| 1  | AC1X | 25      | 4 |
| 2  | AC2X | 25      | 4 |
| 3  | AC3X | 25      | 4 |
| 4  | AC4X | 32      | 5 |

## PZD

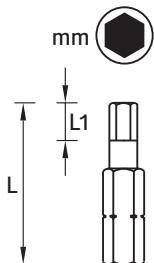


| N° | CODE  | L<br>mm | g |
|----|-------|---------|---|
| 1  | AC1PZ | 25      | 4 |
| 2  | AC2PZ | 25      | 4 |
| 3  | AC3PZ | 25      | 6 |

FORMA "C"  
FORM "C" / FORM "C"

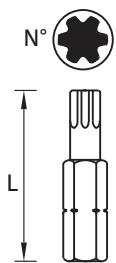
## Esagoni Cavi

Allen-Head / Embouts

ISO 2351-3  
DIN 7426

| mm  | CODE   | L1 mm | L mm | g |
|-----|--------|-------|------|---|
| 2   | AC2M   | 4     | 25   | 3 |
| 2,5 | AC2.5M | 4     | 25   | 3 |
| 3   | AC3M   | 5     | 25   | 4 |
| 4   | AC4M   | 6     | 25   | 4 |
| 5   | AC5M   | 7,5   | 25   | 6 |
| 6   | AC6M   | 9     | 25   | 6 |
| 8   | AC8M   | 12,5  | 25   | 8 |
| 10  | AC10M  | 12,5  | 25   | 8 |

## TX



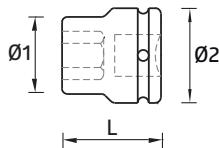
| N° | CODE  | L mm | g |
|----|-------|------|---|
| 10 | AC10T | 25   | 5 |
| 15 | AC15T | 25   | 5 |
| 20 | AC20T | 25   | 5 |
| 25 | AC25T | 25   | 6 |
| 27 | AC27T | 25   | 6 |
| 30 | AC30T | 25   | 6 |
| 40 | AC40T | 35   | 6 |

## Porta Inserti

Bit Holder / Porte Embout

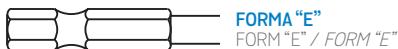


|      |          | CODE | Ø1 mm | Ø2 mm | L mm | g  |   |
|------|----------|------|-------|-------|------|----|---|
| 1/4" | 1/4" - D | AAD  | 12    | 13    | 26   | 16 | A |
| 3/8" | 1/4" - D | BAD  | 14    | 19    | 31   | 35 | B |



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**FORMA "E"**  
FORM "E" / FORM "E"

**1/4"**

ATTACCO ESAGONALE

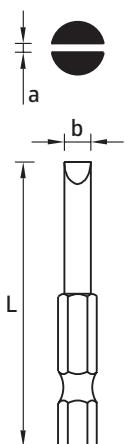
HEXAGONAL SHANK / HEXAGONE CONDUCTEUR

ISO 1173 – DIN 3126



## Taglio

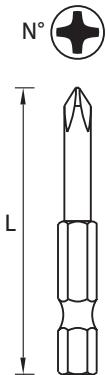
Slotted / Fente



| a<br>mm | b<br>mm | CODE   | L<br>mm | g  |
|---------|---------|--------|---------|----|
| 0,5     | 3       | AE3I   | 50      | 8  |
| 0,6     | 3,5     | AE3,5I | 50      | 8  |
| 0,6     | 4       | AE4I   | 50      | 8  |
| 0,6     | 4,5     | AE4,5I | 50      | 10 |
| 0,8     | 5,5     | AE5,5I | 50      | 12 |
| 1,2     | 6,5     | AE6,5I | 50      | 14 |
| 1,2     | 8       | AE8I   | 50      | 16 |

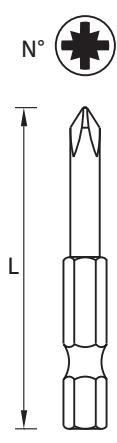
## Phillips

ISO 2351-2  
DIN 3128



| N° | CODE | L<br>mm | g  |
|----|------|---------|----|
| 1  | AE1X | 50      | 10 |
| 2  | AE2X | 50      | 10 |
| 3  | AE3X | 50      | 12 |

## PZD



| N° | CODE  | L<br>mm | g  |
|----|-------|---------|----|
| 1  | AE1PZ | 50      | 8  |
| 2  | AE2PZ | 50      | 12 |
| 3  | AE3PZ | 50      | 16 |

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FORMA "E"  
FORM "E" / FORM "E"

1/4"



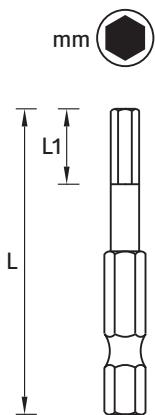
ATTACCO ESAGONALE

HEXAGONAL SHANK / HEXAGONE CONDUCTEUR

ISO 1173 – DIN 3126

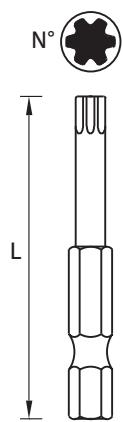
## Esagoni Cavi

Allen-Head / Embouts

ISO 2351-3  
DIN 7426

| mm  | CODE   | L <sub>1</sub><br>mm | L<br>mm | g  |
|-----|--------|----------------------|---------|----|
| 2   | AE2M   | 4                    | 50      | 10 |
| 2,5 | AE2,5M | 4                    | 50      | 10 |
| 3   | AE3M   | 5                    | 50      | 12 |
| 4   | AE4M   | 6                    | 50      | 12 |
| 5   | AE5M   | 7,5                  | 50      | 12 |
| 6   | AE6M   | 9                    | 50      | 14 |
| 8   | AE8M   | 12,5                 | 50      | 16 |

## TX



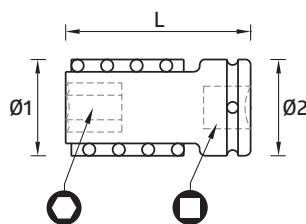
| N° | CODE  | L<br>mm | g  |
|----|-------|---------|----|
| 10 | AE10T | 50      | 8  |
| 15 | AE15T | 50      | 8  |
| 20 | AE20T | 50      | 8  |
| 25 | AE25T | 50      | 10 |
| 27 | AE27T | 50      | 10 |
| 30 | AE30T | 50      | 10 |
| 40 | AE40T | 50      | 10 |

## Mandrini a Sgancio Rapido

Quick Release Chucks / Mandrins à décrochement rapide

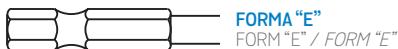


| 3/8" | 1/4" - F | CODE   | Ø1<br>mm | Ø2<br>mm | L<br>mm | g  | Icon |
|------|----------|--------|----------|----------|---------|----|------|
|      |          | BAF/CK | 19       | 19       | 42      | 60 | B    |



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**FORMA "E"**  
FORM "E" / FORM "E"

**1/4"**

ATTACCO ESAGONALE

HEXAGONAL SHANK / HEXAGONE CONDUCTEUR

ISO 1173 – DIN 3126



## Porta Inserti

Bit Holder / Porte Embout

DIN 7427



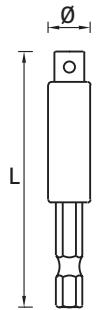
| in   | CODE    | Ø mm | L mm | g  |
|------|---------|------|------|----|
| 1/4" | AEAD    | 11   | 60   | 26 |
| 1/4" | AEADMG* | 11   | 60   | 36 |

\* Con magnete  
With magnet / Avec aimant

## Adattatori

Adaptors / Adaptateurs

ISO 3317  
DIN 7428

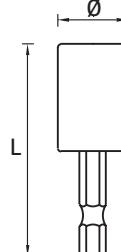


| in   | CODE | Ø mm | L mm | g  |
|------|------|------|------|----|
| 1/4" | AEA2 | 9    | 50   | 18 |
| 1/4" | AEA4 | 9    | 100  | 40 |
| 3/8" | AEB2 | 10   | 50   | 20 |
| 3/8" | AEB4 | 10   | 100  | 54 |

## Bussole ad Inserto

Power Nut Setters / Douilles Embout

DIN 7424



| mm  | CODE  | Ø mm | L mm | g  |
|-----|-------|------|------|----|
| 5   | AE5   | 9    | 50   | 16 |
| 5,5 | AE5,5 | 9,5  | 50   | 16 |
| 6   | AE6   | 10   | 50   | 18 |
| 7   | AE7   | 11   | 50   | 18 |
| 8   | AE8   | 12   | 50   | 22 |
| 9   | AE9   | 14   | 50   | 24 |
| 10  | AE10  | 15   | 50   | 26 |

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# Chiavi a bussola antiscintilla

Spark proof sockets / *Douilles anti déflagrantes*

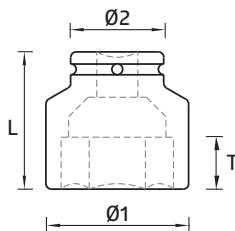


## Chiavi a Bussola Anti Scintilla 1/2"

Spark Proof Sockets 1/2" / Douilles Anti Déflagrantes 1/2"

ATTACCO QUADRO

SQUARE DRIVE  
CARRE CONDUCTEUR



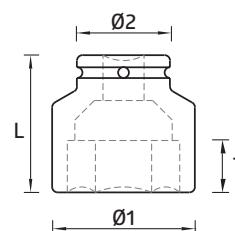
| mm<br>in  | CODE    | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |    |
|-----------|---------|----------|----------|---------|---------|-----|----|
| 13        | C13 SPK | 21,5     | 25       | 40      | 8       | 82  | C  |
| 14        | C14 SPK | 22,5     | 25       | 40      | 10      | 82  | C  |
| 15        | C15 SPK | 24       | 30       | 40      | 10      | 121 | C1 |
| 16 5/8"   | C16 SPK | 25       | 30       | 40      | 10      | 116 | C1 |
| 17        | C17 SPK | 26,5     | 30       | 40      | 10      | 121 | C1 |
| 18        | C18 SPK | 27,5     | 30       | 40      | 12      | 126 | C1 |
| 19 3/4"   | C19 SPK | 29       | 30       | 40      | 12      | 126 | C1 |
| 20        | C20 SPK | 30       | 30       | 40      | 12      | 126 | C1 |
| 21        | C21 SPK | 31,5     | 30       | 40      | 14      | 135 | C1 |
| 22 7/8"   | C22 SPK | 32,5     | 30       | 40      | 14      | 135 | C1 |
| 23        | C23 SPK | 34       | 30       | 40      | 14      | 145 | C1 |
| 24 15/16" | C24 SPK | 35       | 30       | 40      | 16      | 169 | C1 |
| 25        | C25 SPK | 36,5     | 30       | 40      | 16      | 174 | C1 |
| 26        | C26 SPK | 37,5     | 30       | 40      | 16      | 179 | C1 |
| 27 1"1/16 | C27 SPK | 39       | 30       | 40      | 18      | 208 | C1 |
| 28        | C28 SPK | 40       | 30       | 40      | 18      | 218 | C1 |
| 29        | C29 SPK | 41,5     | 30       | 40      | 18      | 218 | C1 |
| 30 1"3/16 | C30 SPK | 42,5     | 30       | 40      | 20      | 218 | C1 |
| 32 1"1/4  | C32 SPK | 45       | 30       | 40      | 22      | 266 | C1 |

## Chiavi a Bussola Anti Scintilla 3/4"

Spark Proof Sockets 3/4" / Douilles Anti Déflagrantes 3/4"

ATTACCO QUADRO

SQUARE DRIVE  
CARRE CONDUCTEUR



| mm<br>in   | CODE    | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | g   |   |
|------------|---------|----------|----------|---------|---------|-----|---|
| 19 3/4"    | E19 SPK | 33,5     | 44       | 51      | 12      | 317 | E |
| 21         | E21 SPK | 36       | 44       | 51      | 14      | 342 | E |
| 22 7/8"    | E22 SPK | 37       | 44       | 51      | 14      | 342 | E |
| 24 15/16"  | E24 SPK | 39,5     | 44       | 51      | 16      | 342 | E |
| 27 1"1/16  | E27 SPK | 43,5     | 44       | 54      | 18      | 367 | E |
| 30 1"3/16  | E30 SPK | 47       | 44       | 54      | 20      | 392 | E |
| 32 1"1/4   | E32 SPK | 49,5     | 44       | 57      | 22      | 442 | E |
| 33         | E33 SPK | 51       | 44       | 57      | 22      | 442 | E |
| 34         | E34 SPK | 52       | 44       | 57      | 22      | 492 | E |
| 36         | E36 SPK | 54,5     | 44       | 57      | 24      | 492 | E |
| 38 1"1/2   | E38 SPK | 57       | 44       | 57      | 24      | 522 | E |
| 41 1"5/8   | E41 SPK | 61       | 44       | 58      | 27      | 592 | E |
| 46 1"13/16 | E46 SPK | 67       | 44       | 63      | 30      | 742 | E |

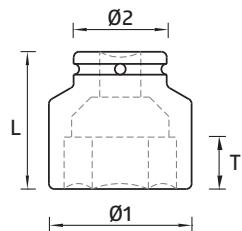
I valori possono variare senza preavviso - I valori di peso sono indicativi.

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## Chiavi a Bussola Anti Scintilla 1"

Spark Proof Sockets 1" / Douilles Anti Déflagrantes 1"

ATTACCO QUADRO

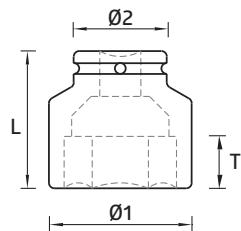
SQUARE DRIVE  
CARRE CONDUCTEUR

| mm | in      | CODE    | Ø1 mm | Ø2 mm | L mm | T mm | kg   |   |
|----|---------|---------|-------|-------|------|------|------|---|
| 24 | 15/16"  | F24 SPK | 42,5  | 54    | 60   | 16   | 0,58 | F |
| 27 | 1"1/16  | F27 SPK | 46,5  | 54    | 60   | 18   | 0,6  | F |
| 30 | 1"3/16  | F30 SPK | 50    | 54    | 62   | 20   | 0,63 | F |
| 32 | 1"1/4   | F32 SPK | 52,5  | 54    | 63   | 22   | 0,65 | F |
| 33 |         | F33 SPK | 54    | 54    | 63   | 22   | 0,68 | F |
| 34 |         | F34 SPK | 55    | 54    | 63   | 22   | 0,65 | F |
| 36 |         | F36 SPK | 57,5  | 54    | 67   | 24   | 0,75 | F |
| 38 | 1"1/2   | F38 SPK | 60    | 54    | 67   | 24   | 0,8  | F |
| 41 | 1"5/8   | F41 SPK | 64    | 54    | 70   | 27   | 0,87 | F |
| 46 | 1"13/16 | F46 SPK | 70    | 54    | 76   | 30   | 1,06 | F |
| 50 |         | F50 SPK | 75    | 54    | 82   | 33   | 1,23 | F |
| 55 |         | F55 SPK | 81,5  | 54    | 87   | 36   | 1,5  | F |
| 60 | 2"3/8   | F60 SPK | 87,5  | 54    | 91   | 39   | 1,69 | F |
| 65 | 2"9/16  | F65 SPK | 94    | 54    | 95   | 39   | 1,98 | F |
| 70 | 2"3/4   | F70 SPK | 100   | 54    | 100  | 40   | 2,37 | F |

## Chiavi a Bussola Anti Scintilla 1" 1/2

Spark Proof Sockets 1" 1/2 / Douilles Anti Déflagrantes 1" 1/2

ATTACCO QUADRO

SQUARE DRIVE  
CARRE CONDUCTEUR

| mm  | in      | CODE     | Ø1 mm | Ø2 mm | L mm | T mm | kg   |    |
|-----|---------|----------|-------|-------|------|------|------|----|
| 41  | 1"5/8   | H41 SPK  | 70    | 84    | 80   | 27   | 1,93 | H  |
| 46  | 1"13/16 | H46 SPK  | 76,5  | 84    | 84   | 30   | 2,13 | H  |
| 50  |         | H50 SPK  | 81,5  | 84    | 87   | 33   | 2,32 | H  |
| 55  |         | H55 SPK  | 88    | 86    | 90   | 36   | 2,51 | H  |
| 60  | 2"3/8   | H60 SPK  | 94    | 86    | 95   | 39   | 2,85 | H  |
| 65  | 2"9/16  | H65 SPK  | 100   | 86    | 100  | 39   | 3,29 | H  |
| 70  | 2"3/4   | H70 SPK  | 106,5 | 86    | 105  | 40   | 3,77 | H  |
| 75  | 2"15/16 | H75 SPK  | 113   | 86    | 110  | 40   | 4,25 | H  |
| 80  | 3"1/8   | H80 SPK  | 119   | 86    | 116  | 42   | 5,37 | H  |
| 85  | 3"3/8   | H85 SPK  | 125   | 86    | 121  | 45   | 5,42 | H  |
| 90  |         | H90 SPK  | 132   | 86    | 127  | 48   | 6,19 | H  |
| 95  | 3"3/4   | H95 SPK  | 138   | 96    | 127  | 51   | 7,06 | H1 |
| 100 |         | H100 SPK | 144   | 96    | 129  | 54   | 7,59 | H1 |
| 105 | 4"1/8   | H105 SPK | 150   | 96    | 135  | 58   | 8,32 | H1 |

I valori possono variare senza preavviso - I valori di peso sono indicativi.

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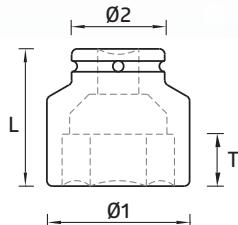
## Chiavi a Bussola Anti Scintilla 2" 1/2

Spark Proof Sockets 2" 1/2 / Douilles Anti Déflagrantes 2" 1/2

ATTACCO QUADRO

SQUARE DRIVE

CARRÉ CONDUCTEUR



| mm<br>in   | CODE            | Ø1<br>mm | Ø2<br>mm | L<br>mm | T<br>mm | kg   |    |
|------------|-----------------|----------|----------|---------|---------|------|----|
| 65 2"9/16  | <b>K65 SPK</b>  | 106      | 127      | 138     | 39      | 7,2  | K  |
| 70 2"3/4   | <b>K70 SPK</b>  | 112,5    | 127      | 140     | 40      | 7,4  | K  |
| 75 2"15/16 | <b>K75 SPK</b>  | 119      | 127      | 143     | 40      | 7,8  | K  |
| 80 3"1/8   | <b>K80 SPK</b>  | 125      | 127      | 150     | 42      | 8,4  | K  |
| 85 3"3/8   | <b>K85 SPK</b>  | 131      | 127      | 155     | 45      | 9    | K  |
| 90         | <b>K90 SPK</b>  | 137,5    | 127      | 160     | 48      | 9,8  | K  |
| 95 3"3/4   | <b>K95 SPK</b>  | 144      | 127      | 160     | 51      | 10,2 | K  |
| 100        | <b>K100 SPK</b> | 150      | 127      | 165     | 54      | 10,9 | K  |
| 105 4"1/8  | <b>K105 SPK</b> | 156      | 127      | 165     | 58      | 11,3 | K  |
| 110        | <b>K110 SPK</b> | 162,5    | 127      | 170     | 61      | 12,3 | K  |
| 115 4"1/2  | <b>K115 SPK</b> | 169      | 127      | 175     | 64      | 13,3 | K  |
| 120        | <b>K120 SPK</b> | 175      | 140      | 175     | 68      | 14,3 | K1 |
| 125        | <b>K125 SPK</b> | 181      | 140      | 175     | 70      | 15,8 | K1 |
| 130 5"1/8  | <b>K130 SPK</b> | 188      | 140      | 180     | 72      | 17,2 | K1 |

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# Produzione Speciale

Special Production / *Production Spéciale*





## Garanzia limitata

I prodotti Drive's sono garantiti contro ogni difetto di fabbricazione. Tutti gli utensili che presentano anomalie dovute a materiale difettoso o lavorazioni errate, verranno sostituiti o riparati senza spese per il cliente. Si ricorda che ogni chiave a bussola ha un proprio limite di resistenza. Sono esclusi dalla garanzia gli utensili che presentano rotture da sovraccarico, naturale logorio, uso improprio o manomissioni. Sono escluse dalla garanzia tutte le riduzioni.

La garanzia è riconosciuta franco nostra sede ed esclude qualsiasi rivalsa per danni.

### LIMITED WARRANTY

Drive's products are guaranteed against any manufacturing defect. Tools which fail due to defective material or incorrect manufacture will be repaired or replaced at no additional cost to the customer. Please note that every impact socket has its own tensile strength, therefore warranty shall not apply to tools that fail due to normal wear, overloading, tampering or improper use. All the reducers are not covered by any warranty.

Warranty is given free from our factory excluding any further liability.

### GARANTIE LIMITÉE

*Les produits de Drive's sont garantis contre les défauts de fabrication. Tous les outils qui montrent des anomalies dues aux vices des matériaux utilisés lors de la fabrication ou de la réalisation seront remplacés ou réparés par nos soins. Nous vous rappelons que chaque douille a sa propre limite de résistance. Les outils qui montrent des ruptures dues à surcharge, usure normale, mauvaise utilisation ou modification ne sont pas garanties. Tous les réducteurs ne sont pas couverts par la garantie.*

*La garantie est reconnue départ usine et exclut toutes demandes de dommages et intérêts.*

# Notes

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**DRIVE'S**  
TOOLS

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