

INOX

HERRAMIENTA INOX
INOX (STAINLESS STEEL) TOOLS
OUTILLAGE INOX
INOX WERKZEUGE
UTENSILI INOX
FERRAMENTA INOX
ИНСТРУМЕНТ ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ

41



INOX



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Un mundo desarrollándose exponencialmente rápido, genera crecientes necesidades en materia de seguridad y aplicaciones de tecnología avanzada.

EGA Master ha desarrollado una nueva gama de herramientas de acero inoxidable para proporcionar soluciones a algunas de estas necesidades. Los aceros inoxidables 420*, 304 y 316 contribuyen a evitar contaminaciones, oxidación y cumplimiento de requisitos de sala blanca.

A world developing exponentially fast, creates increasing needs on safety and technologically advanced applications.

EGA Master has developed a new range of stainless steel tools to provide solutions to some of these needs. 420, 304 and 316 stainless steel contribute to avoid contaminations, rusting and complying with clean room environment requirements.*

Le monde en plein développement exponentiel, crée une augmentation des besoins en matière de sécurité et applications de technologie avancées.

EGA Master a développé une nouvelle gamme d'outillages en acier inoxydable pour apporter des solutions à certains de ces besoins. Les aciers inoxydables 420*, 304 et 316 contribuent à éviter la contamination, l'oxydation en respectant les règles ambiantales des milieux extra sain.



* Los armarios portaherramientas inox están fabricados en acero inoxidable 430.
The stainless steel roller cabinets are made of 430 stainless steel.
 Les servantes en inox sont fabriquées en acier inoxydable 430.



| Propiedades requeridas Property required Propriétés recommandées | Necesarias en Where needed Nécessité dans | Sectores Sectors Secteurs | Porque no acero al carbón Why not carbon steel Pourquoi pas d'acier au carbone | Porque acero inoxidable Why stainless steel Pourquoi acier inoxydable |
|--|---|---|--|---|
| <p>Tolerancia cero o baja a contaminación y partículas</p> <p><i>Zero or low tolerance to contamination and particles</i></p> <p>Tolérance base ou zéro à la contamination et aux particules</p> | <p>Producción esterilizada en entornos críticos</p> <p><i>Sterile production in critical environments</i></p> <p>Production stérilisée dans des milieux critiques</p> | Laboratorios / <i>Laboratories</i> / Laboratoires | <p>Sólo pueden ser esterilizadas unas pocas decenas de veces, ya que el cromado utilizado para evitar que se oxiden se deteriorará, se descascarillará con el tiempo, contaminando el proceso.</p> <p><i>They can only be sterilized few dozens of times, as the chrome plating used to avoid rust will deteriorate and chip off with time, contaminating the process</i></p> <p>Ne peuvent être stérilisés qu'une dizaine de fois vu que le chromé utilisé évitant l'oxydation se détériore et se déséquilibre avec le temps, contaminant le processus</p> | <p>Los materiales y el acabado utilizados en su producción permiten su esterilización miles de veces.</p> <p><i>Materials and finishing used in their production enables sterilizing them thousands of times</i></p> <p>Les matériaux et la finition utilisés dans sa fabrication lui permettent plus de 1000 stérilisations.</p> |
| | | Bioteología y biomedicina <i>Biotech and biomedical</i> Biotechnologie et biomédical | | |
| | | Salas blancas / <i>Cleanrooms</i> / Chambres stériles | | |
| | | Farmacéuticas / <i>Pharmaceutical</i> / Pharmaceutique | | |
| | | Producción de nutrientes <i>Nutrient production</i> Production alimentaire | | |
| | | Industria nuclear <i>Nuclear industry</i> Industries nucléaires | | |
| | | Producción de obleas de silicio <i>Silicone wafer production</i> Production de plaquettes de silicium | | |
| | | Proceso de alimentos <i>Food processing</i> Process alimentaire | | |
| <p>Evitar la oxidación prematura de piezas por la contaminación de partículas</p> <p><i>Avoiding premature rust of parts by particle contamination</i></p> <p>Évite l'échange d'oxydation de pièces par la contamination de particules</p> | <p>El uso de herramientas en componentes de acero inoxidable, tales como tornillos, tuercas, arandelas, tubos, barras, etc.</p> <p><i>Using tools on Stainless Steel components such as screws, nuts, washers, pipes, bars, etc.</i></p> <p>L'utilisation d'outils en acier inoxydable tout comme les vis, les écrous, rondelles, tubes, barres, etc.</p> | Sector naval / <i>Ship building</i> / Secteur naval | <p>Las herramientas de acero al carbono pueden dejar pequeñas partículas sobre los componentes de acero inoxidable, los cuales se pueden contaminar, y oxidarse</p> <p><i>Carbon steel tools can leave small particles on stainless steel components, which will get contaminated, and make them rust</i></p> <p>Les outils en acier de carbone peuvent laisser des petites particules sur les composants en acier inoxydables, qui peuvent être contaminés et oxydés</p> | <p>Las herramientas de acero inoxidable no contaminan otros componentes de acero INOX y, por lo tanto, no se produce su oxidación</p> <p><i>Stainless steel tools will not contaminate other SS components and thus not make them get rusted</i></p> <p>Les outils en aciers inoxydables ne contamineront les autres composants et par conséquent ne produiront aucune oxydation</p> |
| | | Construcción / <i>Construction</i> / Construction | | |
| | | Fabricación / <i>Manufacturing</i> / Fabrication | | |
| | | Automóvil / <i>Automotive</i> / Automobile | | |
| | | Aeronáutica / <i>Aeronautics</i> / Aeronautique | | |
| | | Aplicaciones marítimas <i>Marine applications</i> Application maritimes | | |
| | | Estaciones de servicio y energía <i>Power</i> Station service et énergétique | | |
| | | Industria química <i>Chemical Industries</i> Industries chimiques | | |
| <p>Aumento de la vida útil de la herramienta</p> <p><i>Increasing tool lifetime</i></p> <p>Augmentation de la durée de vie utile des outils</p> | <p>Entornos corrosivos</p> <p><i>Corrosive environments</i></p> <p>Milieux corrosifs</p> | Naval (buques / mantenimiento de barcos) <i>Naval (vessels / ship maintenance)</i> Naval (navires / manutention de bateaux) | <p>Las herramientas de acero al carbono, incluso cuando están cromadas, se oxidarán rápidamente en áreas altamente corrosivas, dejándolas inutilizables y teniendo que reemplazarlas con frecuencia</p> <p><i>Carbon steel tools, even when they are chrome plated, will rust quickly in highly corrosive areas, leaving them unusable and having to replace them frequently</i></p> <p>Les outils en carbone, inclus quand ils sont en polie s'oxyderont de façon rapide dans des milieux hautement corrosifs et les laissant inutilisables et par conséquent seront remplacés plus fréquemment</p> | <p>El acero inoxidable es un acero de bajo contenido en carbono enriquecido con un 10 % de cromo, que permite la formación de una capa de óxido de cromo invisible que protege el núcleo de la oxidación. Incluso cuando la capa está dañada químicamente o mecánicamente, el oxígeno del medio ambiente reparará la capa de nuevo</p> <p><i>Stainless steel is a low carbon steel enriched with above 10% chromium, which allows the formation of an invisible chromium oxide layer that protects the core from rusting. Even when the layer is damaged chemically or mechanically, the oxygen of the environment will repair the layer again</i></p> <p>L'acier inoxydable est un acier à faible composition en carbone enrichi avec 10% de Chrome qui permet la formation d'une pellicule d'oxyde de Chrome invisible qui protège de l'oxydation. Même quand la pellicule est détériorée par un impact l'oxygène du milieu ambiant répare la pellicule</p> |
| | | Subacuático / <i>Subaquatic</i> / Subaquatique | | |
| | | Offshore (Petróleo & Gas / Energía eólica...) <i>Offshore (Oil & Gas / Wind Power...)</i> Offshore (pétrole & gaz / énergie éolienne) | | |
| | | Plantas de energía nuclear <i>Nuclear Power plants</i> Plate-forme d'énergie nucléaire | | |
| | | Industria química <i>Chemical industries</i> Industries chimique | | |
| | | Entornos húmedos <i>Humid environments</i> Environnements humide | | |
| | | Proceso húmedo <i>Wet processing</i> Processus humide | | |
| | | Desalinización del agua <i>Water desalination</i> Évacuation des eaux | | |
| | | Explotación salinera <i>Salt production</i> Exploitation des salines | | |
| | | Plantas de tratamiento de aguas <i>Water treatment plants</i> Plate-forme du traitement des eaux | | |

Como ocurre con los aceros al carbono, hay docenas de diferentes aceros inoxidables y cada uno de ellos presenta diferentes propiedades para diferentes aplicaciones: algunos son más resistentes a la corrosión, otros son más resistentes a la tracción, otros más duros... Pero ninguno de ellos mejor en todo el conjunto de propiedades.

EGA Master ha elegido los aceros inoxidables 420, 304 y 316 para la fabricación de sus herramientas, ya que combina de manera óptima las diferentes propiedades requeridas para la fabricación y uso de herramientas de acero inoxidable:

As with carbon steels, there are dozens of different stainless steels, each of them presenting different properties for different applications. Some are more resistant to rust, some other are stronger, some harder... But none of them is best in all properties.

EGA Master has chosen 420, 304 and 316 Stainless steels for the manufacturing its tools, as it combines optimally different properties required for manufacturing and use of stainless steel tools:

Comme avec les aciers au carbone, il existe une douzaine de différents aciers inoxidables, qui chacun d'entre eux présente différentes propriétés pour différentes applications. Certains sont plus résistants à la corrosion, d'autres plus résistants à la traction, d'autres plus durs... Mais aucun meilleur dans un ensemble de propriétés.

EGA Master a élu les aciers inoxydables 420, 304 et 316 pour la fabrication de ses outils, vu qu'il associe de façon optimale les différentes propriétés requise pour la fabrication et l'utilisation d'outils en acier inoxydable:

| | AISI 420 | AISI 304 | AISI 316 |
|---|-----------------------------|-------------------------|-------------------------|
| Dureza / Hardness / Dureté | 38-48 HRc | 25-30 HRc | ≤ 15 HRc |
| Resistencia a la tracción / Tensile Strength / Resistance à la traction | 1200-1500 N/mm ² | ≥ 520 N/mm ² | ≥ 520 N/mm ² |

| Propiedades / Properties / Propriétés | AISI 420 | AISI 304 | AISI 316 |
|---|---|----------------------------|---|
| Resistencia mecánica Mechanical strength Résistance mécanique | Alta High Élevée | Media Medium Moyenne | Baja Low Faible |
| Dureza Hardness Dureté | Alta High Élevée | Media Medium Moyenne | Baja Low Faible |
| Resistencia a la corrosión Corrosion resistance Résistance à la corrosion | Media Medium Moyenne | Alta High Élevée | Muy alta (mejor en ambientes salinos) Very high (best in saline environments) Très élevée (meilleure en milieux salins) |
| Resistencia a la oxidación Oxidation resistance Résistance à l'oxydation | Media Medium Moyenne | Alta High Élevée | Muy alta Very high Très élevée |
| Adecuado para esterilización en autoclave Suitable for autoclave sterilization Adapté à la stérilisation en autoclave | No recomendado Not recommended Non recommandé | Sí Yes Oui | Sí Yes Oui |
| Magnetismo Magnetism Magnétisme | Sí Yes Oui | Leve Slight Léger | Leve Slight Léger |
| Costo Cost Coût | Bajo Low Faible | Medio Medium Moyen | Alto High Élevé |

| | AISI 420 | AISI 304 | AISI 316 |
|---|---|--|--|
| Composición Composition Composition | C 0,16 - 0,25 % Mn ≤ 1,00 % Si ≤ 1,00 % Cr 12 % - 14 % | C ≤ 0,08 % Mn ≤ 1,8 % Si ≤ 0,85 % Cr 18 - 20 % Ni 8 - 10,5 % | C ≤ 0,08 % Mn ≤ 2 % Si ≤ 1 % Cr 16 - 18 % Ni 10 - 14 % Mo 2 - 3 % |

■ PRECAUCIONES
CAUTION
PRÉCAUTIONS

Las herramientas de acero inoxidable AISI 420 no están clasificadas como antimagnéticas, sino que se trata de herramientas fabricadas en acero inoxidable martensítico-ferromagnético cuya permeabilidad magnética es muy superior a la unidad.

Todos los aceros inoxidables pueden sufrir oxidación con el tiempo. Su duración dependerá de las condiciones a las que se le someta, la corrosividad del ambiente y el cuidado que se le preste. Nunca deben entrar en contacto con piezas de acero al carbono, ya que se contaminarían y serían fuente de oxidación. Deben ser cuidadosamente almacenadas y limpiadas. Los aceros inoxidables que empleamos son idóneos para la fabricación de herramienta que evite contaminación de otras piezas inoxidables (alimentación, salas blancas...).

The stainless steel AISI 420 tools are not classified as non-magnetic but tools made of martensitic - ferromagnetic stainless steel whose magnetic permeability is much higher than the unit.

All stainless steels can undergo oxidation over time. Their lifespan will depend on the conditions to which they are exposed, the corrosiveness of the environment, and the care given to it. They should never come into contact with carbon steel parts, since they would become contaminated and would be a source of oxidation. They should be carefully stored and cleaned. The stainless steels we use are suitable for the manufacture of tools that prevent contamination of other stainless steel parts (food, clean rooms, etc.).

L'outillage en acier inoxydable AISI 420 n'est pas classé comme antimagnétique, il s'agit d'un outillage fait en acier inoxydable martensitique-ferromagnétique dont la perméabilité magnétique est très supérieure à l'unité.


Tous les aciers inoxydables peuvent subir de l'oxydation avec le temps. Leur durée de vie dépendra des conditions auxquelles ils sont soumis, de la corrosivité de l'environnement et des soins qu'ils reçoivent. Ils ne doivent jamais entrer en contact avec des pièces en acier au carbone, car ils seraient contaminés et constitueraient une source de rouille. Ils doivent être stockés et nettoyés avec soin. Les aciers inoxydables que nous utilisons sont adaptés à la fabrication d'outils qui empêchent la contamination d'autres pièces en acier inoxydable (alimentaire, salles blanches, etc.).



■ SS 420


■ ALICATES / PLIERS / PINCES / ZANGEN / PINZE / ALICATES / ПЛОСКОГУБЦЫ

■ UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / УНИВЕРСАЛЬНЫЕ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38137 | SS 420 | 160 | 230 |
| 38667 | | 170 | 250 |
| 38138 | | 200 | 360 |




■ BOCA PLANA / FLAT NOSE / BEC PLATS / FLACHZANGEN / BECCHI PIATTI / PONTAS CHATAS / УТКОНОСЫ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38139 | SS 420 | 160 | 90 |




■ BOCA REDONDA / ROUND NOSE / BECS ROUNDS / RUNDZANGEN / BECCHI TONDI / PONTAS REDONDAS / КРУГЛОГУБЦЫ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38140 | SS 420 | 160 | 70 |




■ TELEFONISTA / LONG NOSE / TÉLÉPHONE / TELEFONZANGEN / TELEFONISTI / TELEFONISTA / СУДЛИННЕННЫМИ НОСАМИ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|--|
| 38141 | SS 420 | 160 | 90 |
| 38142 | | 200 | 150 |




■ TELEFONISTA BOCA CURVA / BENT NOSE PLIERS / TÉLÉPHONE BECS COUDÉS / TELEFONZANGEN GEBOGEN / TELEFONISTI BECCHI PIEGATI / TELEFONISTA PONTAS CURVAS / С ИЗГНУТЫМИ НОСАМИ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38143 | SS 420 | 160 | 80 |
| 38144 | | 200 | 150 |




■ CORTE DIAGONAL / DIAGONAL CUTTING PLIERS / COUPANTES DIAGONALES / SEITENSCHNEIDER / TAGLIO LATERALE / CORTE DIAGONAL / УДЛИНЕННЫЕ ТОНКИЕ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38145 | SS 420 | 160 | 120 |
| 38668 | | 200 | 200 |




■ CORTE DIAGONAL REFORZADO / HEAVY DUTY CUTTING NIPPERS / COUPANTES RENFORCÉS / VERSTÄRKTER SEITENSCHNEIDER / TAGLIO LATERALE RINFORZATO / CORTE DIAGONAL REFORÇADO / УСИЛЕННЫЕ БОКОРЕЗЫ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38146 | SS 420 | 180 | 190 |
| 38669 | | 200 | 230 |




■ CORTE FRONTAL / END CUTTING NIPPER / COUPANTES DEVANT / VORSCHNEIDER / TAGLIO FRONTALE / CORTE FRONTAL / КЛЕЩИ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38147 | SS 420 | 160 | 170 |




■ CORTE FRONTAL ELECTRICISTA / END CUTTING NIPPER (ELECTRICIAN) / COUPANTES DEVANT ELECTRICIEN / ELEKTRIKER VORSCHNEIDER / TAGLIO FRONTALE PER ELETTRICISTI / CORTE FRONTAL ELECTRICISTA / КЛЕЩИ (ЭЛЕКТРИЧЕСКИЕ)

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38670 | SS 420 | 150 | 170 |
| 38148 | | 200 | 260 |




■ PELACABLES / WIRESTRIPPER / PINCES À DÉNUDER / ABISOLIERZANGEN / PINZE SPELAFILI / DECAPADORES / КЛЕЩИ ДЛЯ ЗАЧИСТКИ КОНТАКТОВ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38149 | SS 420 | 160 | 120 |



■ BIMAT


■ UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / УНИВЕРСАЛЬНЫЕ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38000 | SS 420 | 160 | 230 |
| 38001 | | 180 | 280 |
| 38002 | | 200 | 360 |

BIMAT | Modelo registrado / Registered model / Modèle enregistré




■ BOCA PLANA / FLAT NOSE / BEC PLATS / FLACHZANGEN / BECCHI PIATTI / PONTAS CHATAS / УТКОНОСЫ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38003 | SS 420 | 160 | 170 |

BIMAT | Modelo registrado / Registered model / Modèle enregistré




■ BOCA REDONDA / ROUND NOSE / BECS ROUNDS / RUNDZANGEN / BECCHI TONDI / PONTAS REDONDAS / КРУГЛОГУБЦЫ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38004 | SS 420 | 160 | 150 |

BIMAT | Modelo registrado / Registered model / Modèle enregistré




■ TELEFONISTA / LONG NOSE / TÉLÉPHONE / TELEFONZANGEN / TELEFONISTI / TELEFONISTA / С УДЛИННЕННЫМИ НОСАМИ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38005 | SS 420 | 160 | 170 |
| 38006 | | 200 | 230 |

BIMAT | Modelo registrado / Registered model / Modèle enregistré




■ TELEFONISTA BOCA CURVA / BENT NOSE PLIERS / TÉLÉPHONE BECS COUDÉS / TELEFONZANGEN GEBOGEN / TELEFONISTI BECCHI PIEGATI / TELEFONISTA PONTAS CURVAS / С ИЗГНУТЫМИ НОСАМИ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38007 | SS 420 | 160 | 160 |
| 38008 | | 200 | 230 |

BIMAT | Modelo registrado / Registered model / Modèle enregistré




■ BOCA AGUJA / LONG NEEDLE NOSE / LONG BECS DEMI-RONDS / FLACHZANGE MIT LANGEM MAUL / BECCHI TONDI AFFUSOLATI / PONTAS AGULHA / УДЛИННЕННЫЕ ТОНКИЕ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38086 | SS 420 | 160 | 110 |

BIMAT | Modelo registrado / Registered model / Modèle enregistré




■ CORTE DIAGONAL / DIAGONAL CUTTING PLIERS / COUPANTES DIAGONALES / SEITENSCHNEIDER / TAGLIO LATERALE / CORTE DIAGONAL / УДЛИННЕННЫЕ ТОНКИЕ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38009 | SS 420 | 160 | 200 |
| 38010 | | 190 | 230 |

BIMAT | Modelo registrado / Registered model / Modèle enregistré




CORTE DIAGONAL REFORZADO / HEAVY DUTY CUTTING NIPPERS / COUPANTES RENFORCEÉS / VERSTÄRKTER SEITENSCHNEIDER / TAGLIO LATERALE RINFORZATO / CORTE DIAGONAL REFORÇADO / УСИЛЕННЫЕ БОКОРЕЗЫ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38011 | SS 420 | 180 | 270 |
| 38012 | | 200 | 340 |

BMAT | Modelo registrado / Registered model / Modèle enregistré




CORTE FRONTAL / END CUTTING NIPPER / COUPANTES DEVANT / VORSCHNEIDER / TAGLIO FRONTALE / CORTE FRONTAL / КЛЕЩИ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38013 | SS 420 | 160 | 250 |

BMAT | Modelo registrado / Registered model / Modèle enregistré




CORTE FRONTAL ELECTRICISTA / END CUTTING NIPPER (ELECTRICIAN) / COUPANTES DEVANT ELECTRICIEN / ELEKTRIKER VORSCHNEIDER / TAGLIO FRONTALE PER ELETTRICISTI / CORTE FRONTAL ELETTRICISTA / КЛЕЩИ (ЭЛЕКТРИЧЕСКИЕ)

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38014 | SS 420 | 160 | 250 |
| 38015 | | 200 | 340 |

BMAT | Modelo registrado / Registered model / Modèle enregistré



PELACABLES / WIRESTRIPPER / PINCES À DÉNUDER / ABISOLIERZANGEN / PINZE SPELAFILI / DECAPADORES / КЛЕЩИ ДЛЯ ЗАЧИСТКИ КОНТАКТОВ



| COD. | MAT. | L (mm) |  |
|-------|--------|--------|--|
| 38016 | SS 420 | 160 | 200 |

BMAT | Modelo registrado / Registered model / Modèle enregistré





ALICATES CIRCLIP / CIRCLIPS PLIERS / PINCES POUR CIRCLIPS / ZANGEN FÜR SICHERUNGSRINGE / PINZE PER ANELLI / ALICATES FREIOS / СЪЕМНИК КОЛЕЦ

EXTERIOR RECTO / EXTERNAL STRAIGHT / EXTERIEUR DROIT / AUSSENSICHERUNGSRINGE, GERADE / DIRITTA PER ESTERNI / EXTERIOR DIREITO / НАРУЖНЫЕ ПРЯМЫЕ

| COD. | MAT. | L (mm) |  |  |
|-------|--------|--------|---|--|
| 38914 | SS 420 | 140 | 3-10 | 190 |
| 38915 | | | 8-25 | |
| 38916 | | | 10-25 | |
| 38890 | | 200 | 19-60 | 290 |
| 38917 | | 250 | 40-100 | 420 |





EXTERIOR CURVO / EXTERNAL BENT / EXTERIEUR COUDÉ / BACKEN UM 90 GEBOGEN / PIEGATO PER ESTERNI / EXTERIOR CURVO / НАРУЖНЫЕ ИЗОГНУТЫЕ

| COD. | MAT. | L (mm) |  |  |
|-------|--------|--------|---|--|
| 38918 | SS 420 | 140 | 3-10 | 190 |
| 38919 | | | 8-25 | |
| 38920 | | | 10-25 | |
| 38892 | | 200 | 19-60 | 290 |
| 38921 | | 250 | 40-100 | 420 |



INTERIOR RECTO / INTERNAL STRAIGHT / INTERIEUR DROIT / INNENSICHERUNGSRINGE, GERADE / DIRITTO PER INTERNI / INTERIOR DIREITO / ВНУТРЕННИЕ ПРЯМЫЕ

| COD. | MAT. | L (mm) |  |  |
|-------|--------|--------|---|--|
| 38441 | SS 420 | 140 | 8-13 | 190 |
| 38442 | | | 12-25 | |
| 38891 | | 200 | 19-60 | 290 |
| 38609 | | 250 | 40-100 | 420 |



■ **INTERIOR CURVO / INTERNAL BENT / INTERIEUR COUDÉ / BACKEN UM 90 GEBOGEN / PIEGATTO PER INTERNI / INTERIOR CURVO / ВНУТРЕННИЕ ИЗОГНУТЫЕ**

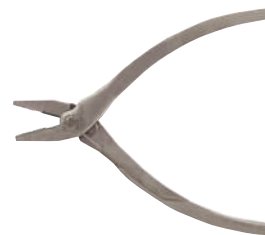
| COD. | MAT. | L (mm) | O.D. mm | g |
|-------|--------|--------|------------|-----|
| 38234 | SS 420 | 140 | 8-13 | 190 |
| 38272 | | | 12-25 | |
| 38893 | | 200 | 19-60 | 290 |
| 38273 | | 250 | 40-100 | 420 |



■ **ALICATES MINIS / MINI PLIERS / PINCES MINI / MINI ZANGEN / PINZE MINI / ALICATES MINI / ПЛОСКОГУБЦЫ МИНИ**

■ **UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / УНИВЕРСАЛЬНЫЕ**

| COD. | MAT. | L (mm) | g |
|-------|--------|--------|----|
| 38081 | SS 420 | 125 | 90 |



■ **BOCA PLANA / FLAT NOSE / BEC PLATS / FLACHZANGEN / BECCHI PIATTI / PONTAS CHATAS / УТКОНОСЫ**

| COD. | MAT. | L (mm) | g |
|-------|--------|--------|----|
| 38082 | SS 420 | 130 | 70 |



■ **BOCA REDONDA / ROUND NOSE / BECS RONDS / RUNDZANGEN / BECCHI TONDI / PONTAS REDONDAS / КРУГЛОГУБЦЫ**

| COD. | MAT. | L (mm) | g |
|-------|--------|--------|----|
| 38083 | SS 420 | 130 | 80 |



■ **TELEFONISTA / LONG NOSE / TÉLÉPHONE / TELEFONZANGEN / TELEFONISTI / TELEFONISTA / СУДЛИННЕННЫМИ НОСАМИ**

| COD. | MAT. | L (mm) | g |
|-------|--------|--------|----|
| 38084 | SS 420 | 130 | 70 |




■ **TELEFONISTA BOCA CURVA / BENT NOSE PLIERS / TÉLÉPHONE BECS COUDÉS / TELEFONZANGEN GEBOGEN / TELEFONISTI BECCHI PIEGATI / TELEFONISTA PONTAS CURVAS / С ИЗОГНУТЫМИ НОСАМИ**

| COD. | MAT. | L (mm) | g |
|-------|--------|--------|----|
| 38085 | SS 420 | 130 | 80 |




■ CORTE DIAGONAL / DIAGONAL CUTTING PLIERS / COUPANTES DIAGONALES / SEITENSCHNEIDER / TAGLIO LATERALE / CORTE DIAGONAL / УДЛИНЕННЫЕ ТОНКИЕ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38087 | SS 420 | 115 | 70 |




■ CORTE DIAGONAL TRIANGULAR / DIAGONAL CUTTING TRIANGULAR / COUPANTES DIAGONALE TRIANGULAIRE / SEITENSCHNEIDER / TAGLIO LATERALE TRIANGOLARE / CORTE DIAGONAL TRIANGULAR / БОКОРЕЗЫ ТРЕУГОЛЬНЫЕ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38088 | SS 420 | 115 | 80 |




■ CORTE FRONTAL / END CUTTING NIPPER / COUPANTES DEVANT / VORSCHNEIDER / TAGLIO FRONTALE / CORTE FRONTAL / КЛЕЩИ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|--|
| 38089 | SS 420 | 110 | 65 |




■ TENAZAS / PINCERS / TENAILLES / ZANGE / TENAGLIE / ALICATES / КЛЕЩИ

■ DE CANAL / BOX JOINT / MULTIPRISE ENTREPASSÉE / WASSERPUMPENZANGE / PINZE REGOLABILI / BICO DE PAPAGAIO / ШАРНИРНЫЕ

| COD. | MAT. | L (inch) |  |
|-------|--------|----------|---|
| 38066 | SS 420 | 10 | 320 |
| 38067 | | 12 | 515 |

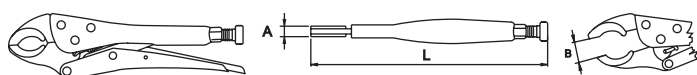




■ PICO DE LORO / GROOVE JOINT / MULTIPRISE À CRÉMAILLÈRE / WASSERPUMPENZANGE / PINZE REGOLABILI / BICO DE PAPAGAIO / КЛЕЩИ ЖЕЛОБКОВОГО ТИПА

| COD. | MAT. | L (inch) |  |
|-------|--------|----------|---|
| 38176 | SS 420 | 10 | 360 |
| 38177 | | 12 | 610 |



■ GRIP / GRIP / PINCE ÉTAU / GRIPZANGE / PINZE GRIG / PRESSÃO / СТРУБЦИНА



| COD. | MAT. | L (inch) | L (mm) | A (mm) | B (mm) |  |  |  |
|-------|--------|----------|--------|--------|--------|---|---|---|
| 38178 | SS 420 | 10 | 225 | 12 | 40 | 480 | 8 | ● |



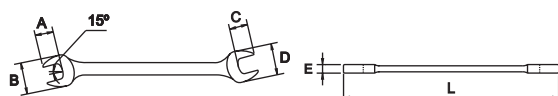
■ **LLAVES / WRENCHES / CLÉS / SCHLÜSSEL / CHIAVI / CHAVES / КЛЮЧИ**

■ **LLAVE AJUSTABLE / ADJUSTABLE WRENCH / CLÉ À MOLETTE / ROLLGABELSCHÜSSEL / CHIAVE REGOLABILI A RULLINO / CHAVE AJUSTAVEL / РАЗВОДНЫЕ КЛЮЧИ**

| COD. | MAT. | L (inch) | L (mm) | AF mm | g |
|-------|--------|----------|--------|-------|------|
| 38929 | SS 420 | 6 | 150 | 19 | 135 |
| 38171 | | 8 | 200 | 24 | 240 |
| 38172 | | 10 | 250 | 28 | 445 |
| 38173 | | 12 | 300 | 34 | 680 |
| 38930 | | 15 | 375 | 46 | 1400 |
| 38931 | | 18 | 450 | 55 | 2000 |
| 38932 | | 24 | 600 | 65 | 4700 |



■ **LLAVES FIJAS / OPEN-END WRENCHES / CLÉS À FOURCHE / GABELSCHLÜSSEL / CHIAVI FISSE / CHAVES DUAS BOCAS / РОЖКОВЫЕ КЛЮЧИ**

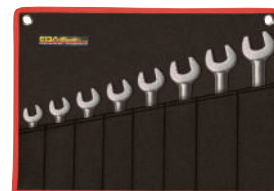


| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | g |
|-------|--------|-------|--------|--------|--------|--------|--------|--------|-----|
| 39008 | SS 420 | 5,5-7 | 90 | 6 | 13 | 7 | 15 | 4 | 19 |
| 38622 | | 6-7 | | | | | | | |
| 38623 | | 8-9 | 100 | 8 | 18 | 9 | 24 | 5 | 38 |
| 38624 | | 10-11 | | | | | | | |
| 38625 | | 12-13 | 130 | 14 | 31 | 12 | 27 | 6 | 60 |
| 38626 | | 14-15 | | | | | | | |
| 38627 | | 16-17 | 165 | 17 | 37 | 19 | 41 | 7,5 | 140 |
| 38650 | | 18-19 | | | | | | | |
| 38621 | | 19-22 | 180 | 19 | 41 | 22 | 47 | 8,5 | 190 |
| 38651 | | 20-22 | | | | | | | |
| 38652 | | 21-23 | 210 | 21 | 47 | 23 | 51 | 9 | 250 |
| 38628 | | 22-24 | | | | | | | |
| 38653 | | 24-26 | 230 | 24 | 51 | 27 | 57 | 9,5 | 320 |
| 38943 | | 24-27 | | | | | | | |
| 38654 | | 25-28 | 250 | 25 | 57 | 28 | 64 | 10 | 410 |
| 38944 | | 27-29 | | | | | | | |
| 38656 | | 27-30 | 290 | 27 | 67 | 32 | 75 | 11 | 650 |
| 39023 | | 30-32 | | | | | | | |
| 38655 | | 27-32 | 310 | 32 | 75 | 41 | 85 | 12 | 870 |
| 38606 | | 32-36 | | | | | | | |
| 38607 | | 36-41 | 310 | 36 | 75 | 42 | 85 | 12 | 851 |
| 38608 | | 38-42 | | | | | | | |



■ **SET**

| COD. | MAT. | PCS. | | g |
|-------|--|------|---|-----|
| 38629 | SS 420 | 8 | 90053 | 900 |
| PCS. | Composición / Composition / Composition | | Descripción / Description / Description | |
| 8 | 38622, 38623, 38624, 38625, 38626, 38627, 38650, 38621 | | Llave fija INOX / Open-end wrench INOX 6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 19-22 | |



■ **FIJA UNA BOCA / SINGLE ENDED OPEN JAW SPANNER / À FOURCHE SIMPLE / EINMAULSCHLÜSSEL / FISSE SEMPLICE / FIXA DE UMA BOCA / ОДНОРОЖКОВЫЙ КЛЮЧ**

| COD. | MAT. | AF mm | L (mm) | g |
|-------|--------|-------|--------|----|
| 39017 | SS 420 | 4 | 75 | 10 |
| 39018 | | 5 | | |
| 39019 | | 5,5 | | |
| 39020 | | 6 | 80 | 16 |
| 38887 | | 7 | | |
| 39027 | | 8 | 95 | 40 |
| 38894 | | 10 | | |



| COD. | MAT. | AP mm | L (mm) | g |
|-------|--------|-------|--------|------|
| 38895 | SS 420 | 12 | 125 | 65 |
| 39028 | | 13 | 140 | 95 |
| 38896 | | 14 | | |
| 38897 | | 16 | | 100 |
| 38898 | | 17 | 160 | 105 |
| 38899 | | 18 | | 120 |
| 38900 | | 19 | 170 | 130 |
| 39029 | | 22 | 195 | 170 |
| 38901 | | 24 | 220 | 190 |
| 38902 | | 27 | 240 | 285 |
| 38903 | | 30 | 260 | 320 |
| 38904 | | 32 | | |
| 39016 | | 33 | 275 | 400 |
| 38885 | | 34 | 290 | 470 |
| 38905 | | 36 | 310 | 500 |
| 38906 | | 41 | 345 | 580 |
| 38907 | | 46 | 375 | 900 |
| 38908 | | 50 | 410 | 1150 |
| 38886 | | 55 | 450 | 1400 |
| 38909 | | 60 | 490 | 2000 |
| 38910 | | 65 | 530 | 2800 |
| 38911 | | 70 | 570 | 3000 |
| 38912 | | 75 | 610 | 3500 |

■ LLAVES COMBINADAS / COMBINATION WRENCHES / CLÉS MIXTES / GABEL RINGSCHLÜSSEL / CHIAVI COMBinate / CHAVES BOCA E LUNETA / КОМБИНИРОВАННЫЕ КЛЮЧИ

■ MM

| COD. | MAT. | AP mm | L (mm) | g |
|-------|--------|-------|--------|------|
| 38090 | SS 420 | 6 | | 10 |
| 38091 | | 7 | 115 | 20 |
| 38092 | | 8 | | |
| 38093 | | 9 | 140 | 30 |
| 38094 | | 10 | | |
| 38095 | | 11 | 160 | 40 |
| 38096 | | 12 | | 50 |
| 38097 | | 13 | 180 | 60 |
| 38098 | | 14 | | 70 |
| 38099 | | 15 | | 80 |
| 38100 | | 16 | 200 | 90 |
| 38101 | | 17 | | 110 |
| 38102 | | 18 | 225 | 120 |
| 38103 | | 19 | | 140 |
| 38104 | | 20 | | 170 |
| 38105 | | 21 | 250 | 180 |
| 38106 | | 22 | | 200 |
| 38107 | | 23 | 270 | 220 |
| 38108 | | 24 | | 260 |
| 38109 | | 25 | | 300 |
| 38110 | | 26 | 290 | 310 |
| 38111 | | 27 | | 340 |
| 38112 | | 28 | | 380 |
| 38113 | | 29 | 320 | 390 |
| 38114 | | 30 | | 430 |
| 38115 | | 32 | 350 | 550 |
| 38195 | | 36 | 360 | 690 |
| 38980 | | 46 | 400 | 1000 |
| 38981 | | 50 | 520 | 2000 |
| 38982 | | 56 | 560 | 2230 |



INCH

| COD. | MAT. | AP ^{inch} | L (mm) | g |
|-------|--------|--------------------|--------|-----|
| 38116 | SS 420 | 1/4 | 115 | 17 |
| 38117 | | 5/16 | | |
| 38118 | | 11/32 | 140 | |
| 38119 | | 3/8 | | 38 |
| 38121 | | 13/32 | | |
| 38120 | | 7/16 | 160 | |
| 38122 | | 1/2 | 180 | 48 |
| 38123 | | 9/16 | | 70 |
| 38124 | | 5/8 | 200 | 120 |
| 38125 | | 11/16 | | |
| 38126 | | 3/4 | 225 | 150 |
| 38127 | | 13/16 | | |
| 38128 | | 25/32 | 250 | 210 |
| 38129 | | 7/8 | | |
| 38130 | | 15/16 | 270 | |
| 38131 | | 31/32 | | 260 |
| 38132 | | 1 | 290 | |
| 38133 | | 1.1/16 | | 320 |
| 38134 | | 1.1/8 | 320 | 400 |
| 38135 | | 1.3/16 | | |
| 38136 | | 1.1/4 | 350 | 525 |
| 38168 | | 1.3/8 | 360 | 710 |
| 38169 | | 1.1/2 | 380 | 990 |



SET

MM

| COD. | MAT. | PCS. | | g |
|-------|--|------|--|-----|
| 38216 | SS 420 | 8 | 90081 | 400 |
| PCS. | Composición / Composition / Composition | | Descripción / Description / Description | |
| 8 | 38092, 38093, 38094, 38095, 38096, 38097, 38098, 38099 | | Llave combinada INOX / Combination wrench INOX 8-9-10-11-12-13-14-15 | |



INCH

| COD. | MAT. | PCS. | | g |
|-------|--|------|---|-----|
| 38217 | SS 420 | 8 | 90081 | 380 |
| PCS. | Composición / Composition / Composition | | Descripción / Description / Description | |
| 8 | 38117, 38118, 38119, 38120, 38121, 38122, 38123, 38124 | | Llave combinada INOX / Combination wrench INOX 5/16"-11/32"-3/8"-13/32"-7/16"-1/2"-9/16"-5/8" | |





LLAVE COMBINADA DE CARRACA / COMBINATION RATCHET WRENCH / CLÉ MIXTE À CLIQUET / RATSCHEN-RINGGABELSCHLÜSSEL / CHIAVE COMBINATA A CRICCO / CHAVE DE BOCA E LUNETA COM ROQUETE / КЛЮЧ ТРЕЩЕТОЧНЫЙ КОМБИНИРОВАННЫЙ

| COD. | MAT. | AP ^{mm} | L (mm) | g |
|-------|--------|------------------|--------|-----|
| 38989 | SS 420 | 10 | | 120 |
| 39012 | | 11 | 170 | 135 |
| 39013 | | 12 | | |
| 39024 | | 14 | 190 | 150 |
| 39044 | | 15 | | |
| 38617 | | 17 | 220 | 235 |
| 39025 | | 18 | 240 | 300 |
| 38174 | | 19 | 280 | |
| 39045 | | 20 | | 435 |
| 38175 | | 24 | 500 | 500 |
| 38219 | | 27 | | 750 |



LLAVES ACODADAS / DOUBLE OFFSET RING WRENCHES / CLÉS POLYGONALES CONTRE-COUDÉES / RINGSCHLÜSSEL / CHIAVI POLIGONALI / CHAVES LUNETA / КЛЮЧИ ДВОЙНАЯ ИЗОГНУТАЯ ЗВЕЗДОЧКА

| COD. | MAT. |  | L (mm) |  |
|-------|--------|---|--------|--|
| 38823 | SS 420 | 6-7 | 170 | 47 |
| 38842 | | 8-9 | 190 | 85 |
| 38843 | | 10-11 | 200 | |
| 38999 | | 10-13 | | |
| 38844 | | 12-13 | 220 | 165 |
| 38845 | | 14-15 | 255 | 170 |
| 38469 | | 16-17 | 280 | 180 |
| 38846 | | 18-19 | | 270 |
| 38847 | | 20-22 | 320 | 350 |
| 38876 | | 21-23 | | 355 |
| 38881 | | 24-26 | 340 | 460 |
| 38882 | | 25-28 | 350 | 510 |
| 38883 | | 30-32 | 370 | 655 |
| 38888 | | 32-36 | 430 | 950 |
| 38889 | | 38-42 | 470 | 1210 |



KIT DEMO 6 LLAVES / 6 SPANNER DEMO KIT / KIT DÉMO. 6 CLÉS / DEMOKIT 6 SCHLÜSSEL / KIT 6 CHIAVI DI DIMOSTRAZIONE / KIT DEMO 6 CHAVES / ДЕМО НАБОР 6 КЛЮЧЕЙ

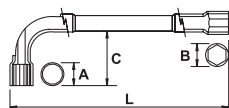
| COD. | MAT. | g |
|-------|--------|-----|
| 69342 | SS 420 | 300 |

| COD. PCS. | mm |
|-----------|----------------------------------|
| 61727 | Aerospatial / <i>Aerospatial</i> |
| 38092 | INOX SS 420 |
| 73062 | 1000V |
| 70172 | Cu-Be |
| 70684 | Al-Bron |
| 71669 | Titanio / <i>Titanium</i> |

8



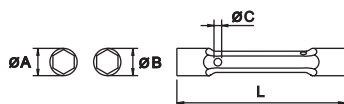
LLAVES DE PIPA ABIERTAS / ANGLED OPEN SOCKETS / CLÉS À PIPE DEBOUCHEES / PFEIFENKOPFSCHLÜSSEL / CHIAVI A PIPA APERTE / DE CACHIMBO ABERTAS / КЛЮЧ С ИЗОГНУТЫМИ ГОЛОВКАМИ



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | g | | |
|-------|--------|-------|--------|--------|--------|--------|------|---|---|
| 38986 | SS 420 | 6 | 100 | 11 | 11 | 38 | 60 | 6 | ● |
| 38961 | | 7 | 110 | 13 | 13 | 42 | | | |
| 38962 | | 8 | 115 | 14 | 14 | 46 | 70 | | |
| 38215 | | 10 | 130 | 16 | 16 | 50 | 120 | | |
| 38963 | | 13 | 160 | 20 | 20 | 55 | 240 | | |
| 38964 | | 16 | 185 | 25 | 25 | 70 | 410 | | |
| 38977 | | 17 | | 26 | 26 | | 420 | | |
| 38978 | | 18 | 200 | 27 | 27 | 75 | 550 | | |
| 38979 | | 19 | | 28 | 28 | | 600 | | |
| 38983 | | 22 | 230 | 32 | 32 | 90 | 850 | | |
| 38984 | | 24 | 250 | 36 | 36 | 100 | 1150 | | |



DE TUBO DOBLE BOCA / SOCKET DOUBLE ENDED WRENCH / CLÉ À TUBE FORGÉE DROITE / DOPPEL-STECKSCHLÜSSEL / CHIAVI A TUBO / DIRITTE TUBOLARES BOCA DUPLA / ДВОЙНАЯ ГОЛОВКА



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | g | | |
|-------|--------|-------|--------|--------|--------|--------|------|----|---|
| 36709 | SS 420 | 6-7 | 105 | 13 | 13 | | 70 | 10 | ● |
| 38192 | | 8-9 | 115 | 14 | 16 | 4 | 90 | | |
| 38194 | | 7-10 | | | 17 | | 100 | | |
| 36710 | | 10-11 | 120 | 17 | 18 | 5 | 110 | | |
| 36711 | | 12-13 | | 19 | 20 | 6 | 170 | | |
| 36712 | | 14-15 | 140 | 22 | 23 | 8 | 255 | | |
| 36713 | | 16-17 | 155 | 24 | 26 | 9 | 440 | 6 | - |
| 36714 | | 18-19 | 165 | 27 | 29 | 11 | 520 | | |
| 36715 | | 20-22 | 175 | 30 | 33 | 12 | 630 | | |
| 36716 | | 21-23 | 185 | 31 | 34 | | 670 | | |
| 36717 | | 24-26 | | | | | | | |
| 36718 | | 24-27 | 195 | 35 | 37 | | 870 | | |
| 36719 | | 25-28 | 205 | 36 | 40 | 13 | 965 | | |
| 36720 | | 27-29 | | 39 | 42 | | 1000 | | |
| 36721 | | 30-32 | 210 | 43 | 45 | | 1300 | | |



LLAVE HEAVY DUTY / HEAVY DUTY PIPE WRENCH / CLÉ SERRE-TUBES HEAVY DUTY / HEAVY DUTY ROHRZANGE / GIRATUBI MODELLO AMERICANO PESANTE / CHAVE HEAVY DUTY / ТРУБНЫЕ КЛЮЧИ ДЛЯ БОЛЬШИХ НАГРУЗОК

| COD. | MAT. | L (inch) | CAP. (inch) | Kg |
|-------|--------|----------|-------------|-----|
| 38922 | SS 420 | 6 | 3/4 | 0,4 |
| 38923 | | 8 | 1 | |
| 38924 | | 10 | 1.1/2 | 0,7 |
| 38925 | | 12 | | 1,1 |
| 38926 | | 14 | 2 | 1,3 |
| 38927 | | 18 | 2.1/2 | 1,5 |
| 38928 | | 24 | 3 | 2,3 |

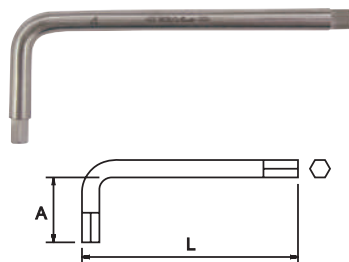


LLAVES HEXAGONALES / HEXAGONAL KEYS / CLÉS MÂLES / INBUSSCHLÜSSEL / CHIAVI ESAGONALI / CHAVES HEXAGONAIS / ШЕСТИГРАННЫЕ КЛЮЧИ



STANDARD

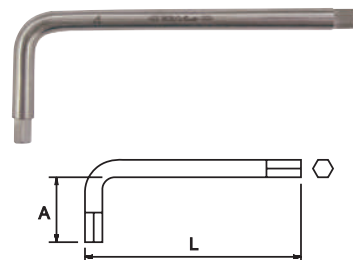
MM

| COD. | MAT. | AF mm | L (mm) | A (mm) | g |
|-------|--------|-------|--------|--------|-----|
| 38170 | SS 420 | 1,5 | 47 | 16 | 5,0 |
| 38186 | | 2 | 52 | 18 | |
| 38036 | | 2,5 | 55 | | |
| 38037 | | 3 | | | 10 |
| 38038 | | 3,5 | 65 | 20 | |
| 38039 | | 4 | 70 | 25 | |
| 38233 | | 4,5 | | 28 | 20 |
| 38040 | | 5 | 85 | 30 | |
| 38041 | | 6 | 90 | 32 | |
| 38042 | | 7 | 95 | 34 | 40 |
| 38043 | | 8 | 100 | 36 | 60 |
| 38044 | | 9 | 105 | 38 | 80 |
| 38045 | | 10 | 110 | 40 | 110 |
| 38046 | | 11 | 120 | 42 | 150 |
| 38047 | | 12 | 125 | 45 | 170 |
| 38657 | | 14 | 160 | 55 | 360 |
| 38658 | | 17 | 180 | 65 | 550 |



INCH

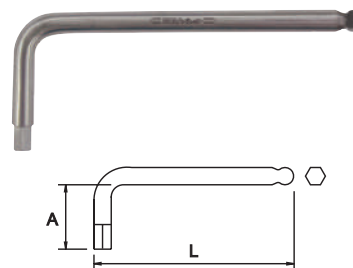
| COD. | MAT. |  | L (mm) | A (mm) |  | |
|-------|--------|---|--------|--------|--|--|
| 38605 | SS 420 | 1/16 | 45 | 14 | 3,0 | |
| 38603 | | 5/64 | 50 | 16 | 3,3 | |
| 38604 | | 3/32 | 60 | 18 | 4,0 | |
| 39106 | | 7/64 | 65 | 20 | 10 | |
| 38589 | | 1/8 | | | | |
| 38590 | | 9/64 | 75 | 25 | 15 | |
| 38591 | | 5/32 | | | | |
| 38592 | | 3/16 | 85 | 28 | 40 | |
| 38593 | | 7/32 | 95 | 32 | | |
| 38594 | | 1/4 | 100 | 34 | | |
| 39107 | | 9/32 | | | | |
| 38595 | | 5/16 | 110 | 36 | 50 | |
| 39108 | | 11/32 | 115 | 38 | | |
| 38596 | | 3/8 | | | | |
| 39109 | | 7/16 | 140 | 45 | 100 | |
| 39110 | | 1/2 | 160 | 55 | 250 | |



STANDARD CON PUNTA DE BOLA / STANDARD BALLPOINT / STANDARD EMBOUT SPHÉRIQUE / KUGELKOPF- WINKELSCHRAUBER / STANDARD CON PUNTA A SFERA / STANDARD COM BOLA / СТАНДАРТНЫЙ С ШАРИКОВОЙ ГОЛОВКОЙ

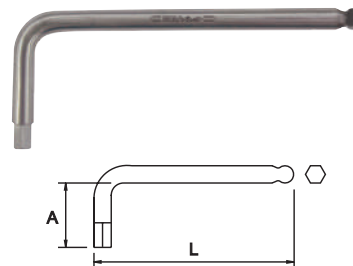
MM

| COD. | MAT. | AF mm | L (mm) | A (mm) | g |
|-------|--------|-------|--------|--------|-----|
| 38597 | SS 420 | 1,5 | 45 | 14 | 3,3 |
| 38598 | | 2,5 | 55 | 18 | |
| 38599 | | 3 | 60 | 20 | 8 |
| 38600 | | 4 | 70 | 25 | 14 |
| 38601 | | 6 | 90 | 32 | 35 |
| 38602 | | 10 | 112 | 40 | 135 |



INCH

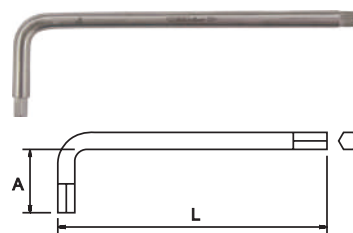
| COD. | MAT. | AF inch | L (mm) | A (mm) | g |
|-------|--------|---------|--------|--------|-----|
| 38948 | SS 420 | 1/16 | 47 | 14 | 2,5 |
| 38949 | | 5/64 | 55 | 16 | |
| 38950 | | 3/32 | 60 | 18 | 3 |
| 38951 | | 7/64 | 65 | 20 | 5 |
| 38952 | | 1/8 | | | |
| 38953 | | 9/64 | 75 | 25 | 10 |
| 38954 | | 5/32 | | | |
| 38955 | | 3/16 | 85 | 28 | 20 |
| 38956 | | 7/32 | 95 | 32 | 25 |
| 38957 | | 1/4 | 105 | 34 | 40 |
| 38958 | | 5/16 | 110 | 36 | 80 |
| 38959 | | 3/8 | 115 | 38 | 120 |
| 38960 | | 1/2 | 155 | 55 | 200 |



SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LONGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

MM

| COD. | MAT. | AF mm | L (mm) | A (mm) | g |
|-------|--------|-------|--------|--------|----|
| 36937 | SS 420 | 2 | 100 | 16 | 10 |
| 38048 | | 2,5 | 105 | 18 | |
| 38049 | | 3 | 110 | 20 | |
| 38206 | | 3,5 | 125 | 25 | 20 |
| 38050 | | 4 | 120 | | |
| 38051 | | 5 | 130 | 28 | 30 |

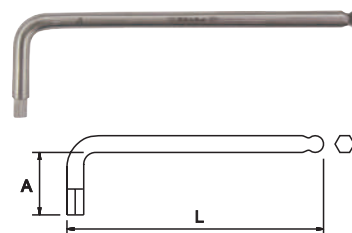


| COD. | MAT. | AF mm | L (mm) | A (mm) | g |
|-------|--------|-------|--------|--------|-----|
| 38052 | SS 420 | 6 | 145 | 32 | 50 |
| 38053 | | 7 | 155 | 34 | 70 |
| 38054 | | 8 | 160 | 36 | 100 |
| 38055 | | 9 | 175 | 38 | 150 |
| 38056 | | 10 | 180 | 40 | 180 |
| 38057 | | 11 | 190 | 42 | 250 |
| 38058 | | 12 | 200 | 45 | 290 |

BOLA SERIE LARGA / LONG PATTERN BALLPOINT / SÉRIE LONGUE À TÊTE SPHÉRIQUE / KUGELKOPF- INBUSSCHLÜSSEL / SERIE LUNGA CON TESTA SFERICA / ESFERICAS, SERIE LONGA / длинный с шаровой головкой

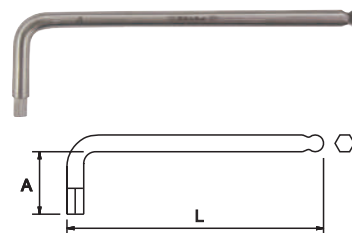
MM

| COD. | MAT. | AF mm | L (mm) | A (mm) | g |
|-------|--------|-------|--------|--------|-----|
| 38640 | SS 420 | 1,5 | 92 | 16 | 6 |
| 38641 | | 2 | 100 | 18 | |
| 38642 | | 2,5 | 115 | 21 | 7 |
| 38643 | | 3 | 130 | 23 | 14 |
| 38659 | | 3,5 | 140 | 26 | 20 |
| 38644 | | 4 | 145 | 29 | 24 |
| 39026 | | 4,5 | 145 | 29 | 30 |
| 38645 | | 5 | 165 | 33 | 38 |
| 38646 | | 5,5 | 165 | 33 | 50 |
| 38647 | | 6 | 185 | 38 | 60 |
| 38660 | | 7 | 195 | 41 | 100 |
| 38648 | | 8 | 210 | 44 | 140 |
| 38661 | | 9 | 220 | 47 | 150 |
| 38649 | | 10 | 230 | 50 | 160 |
| 38662 | | 11 | 250 | 55 | 170 |
| 38663 | | 12 | 260 | 55 | 210 |
| 38664 | | 14 | 290 | 70 | 380 |
| 38665 | | 17 | 340 | 80 | 560 |





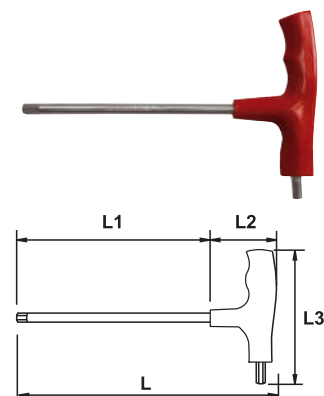
INCH

| COD. | MAT. | AF inch | L (mm) | A (mm) | g |
|-------|--------|---------|--------|--------|-----|
| 38618 | SS 420 | 1/16 | 90 | 14 | 10 |
| 38965 | | 5/64 | 100 | 16 | |
| 38966 | | 3/32 | 110 | 18 | 15 |
| 38967 | | 7/64 | 130 | 20 | |
| 38968 | | 1/8 | 145 | 25 | 20 |
| 38969 | | 9/64 | 145 | 25 | |
| 38970 | | 5/32 | 160 | 28 | 40 |
| 38971 | | 3/16 | 160 | 28 | |
| 38972 | | 7/32 | 185 | 32 | 50 |
| 38973 | | 1/4 | 195 | 34 | 75 |
| 38974 | | 5/16 | 210 | 36 | 150 |
| 38975 | | 3/8 | 230 | 38 | 220 |
| 38976 | | 1/2 | 290 | 55 | 350 |





CON MANGO EN T / T-HANDLE / AVEC POIGNÉE EN T / T-GRIFF / CON IMPUGNATURA A T / COM CABO EM T / Т-РУЧКА

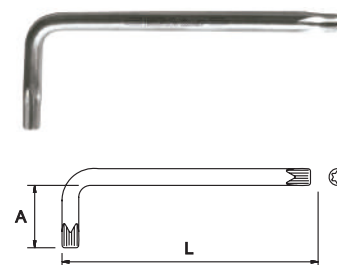
| COD. | MAT. |  | L (mm) | L1 (mm) | L2 (mm) | L3 (mm) |  |
|-------|--------|---|--------|---------|---------|---------|---|
| 38630 | SS 420 | 2,5 | 175 | 115 | 60 | 110 | 35 |
| 38631 | | 3 | | | | | 40 |
| 38632 | | 4 | | | | | 50 |
| 38639 | | 5 | | | | | 60 |
| 38633 | | 5,5 | | | | | 75 |
| 38634 | | 6 | 185 | 125 | | | 100 |
| 38635 | | 7 | | | | | 120 |
| 38636 | | 8 | | | | | 135 |
| 38637 | | 9 | | | | | 155 |
| 38638 | | 10 | | | | | 180 |





TORX®

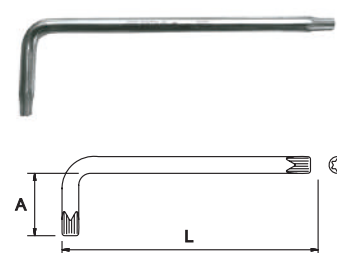
STANDARD

| COD. | MAT. |  | L (mm) | A (mm) |  |
|-------|--------|---|--------|--------|---|
| 38848 | SS 420 | T-6 | 36 | 13 | 2,2 |
| 38849 | | T-7 | 38 | 14 | 2,4 |
| 38850 | | T-8 | 40 | 15 | 2,8 |
| 38851 | | T-9 | 43 | 16 | 3,1 |
| 38852 | | T-10 | 47 | 18 | 3,8 |
| 38853 | | T-15 | 54 | 20 | 6 |
| 38854 | | T-20 | 64 | 22 | 8 |
| 38855 | | T-25 | 70 | 25 | 10 |
| 38856 | | T-27 | 79 | 26 | 17 |
| 38857 | | T-30 | 89 | 32 | 23 |
| 38858 | | T-35 | 93 | 34 | 32 |
| 38859 | | T-40 | 98 | 37 | 44 |
| 38860 | | T-45 | 108 | 41 | 55 |
| 38861 | | T-50 | 123 | 45 | 70 |



SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

| COD. | MAT. |  | L (mm) | A (mm) |  |
|-------|--------|---|--------|--------|---|
| 38862 | SS 420 | T-6 | 54 | 13 | 3 |
| 38863 | | T-7 | 58 | 14 | 3,3 |
| 38864 | | T-8 | 61 | 15 | 3,8 |
| 38865 | | T-9 | 63 | 16 | 4,2 |
| 38866 | | T-10 | 68 | 18 | 5 |
| 38867 | | T-15 | 79 | 20 | 8 |
| 38868 | | T-20 | 90 | 22 | 11 |
| 38869 | | T-25 | 98 | 25 | 13 |
| 38870 | | T-27 | 108 | 26 | 22 |
| 38871 | | T-30 | 117 | 32 | 28 |
| 38872 | | T-35 | 122 | 34 | 39 |
| 38873 | | T-40 | 128 | 37 | 55 |
| 38874 | | T-45 | 147 | 41 | 70 |
| 38875 | | T-50 | 160 | 45 | 85 |

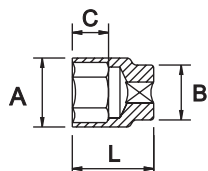


■ LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE DOPPEN / CHAVES DE CAIXA / ГОЛОВКИ

■ 1/4"

■ STANDARD

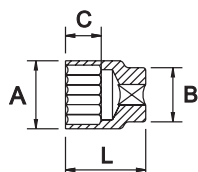
■ MM - 6 PT.



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|----|
| 38235 | SS 420 | 4 | 25 | 12 | 9,0 | 11 | 6 | 17 |
| 38236 | | 5 | | | 9,5 | | | |
| 38237 | | 6 | | | 11 | | | |
| 38238 | | 7 | | 13 | 12 | | | |
| 38239 | | 8 | | | 13 | | | |
| 38240 | | 9 | | | 14 | | | |
| 38241 | | 10 | 26 | 15 | 15 | 14 | 30 | 22 |
| 38242 | | 11 | | | 16 | | | |
| 38243 | | 12 | | | 17 | | | |
| 38244 | | 13 | | 16 | 18 | | | |
| 38245 | | 14 | | | 19 | | | |
| 39047 | | 17 | 27 | | 23 | 15 | | 42 |



■ MM - 12 PT.

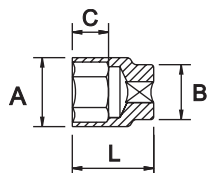




| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|----|
| 38403 | SS 420 | 4 | 25 | 12 | 9,0 | 11 | 12 | 17 |
| 38404 | | 5 | | | 9,5 | | | |
| 38405 | | 6 | | | 11 | | | |
| 38406 | | 7 | | 13 | 12 | | | |
| 38407 | | 8 | | | 13 | | | |
| 38408 | | 9 | | | 14 | | | |
| 38409 | | 10 | 26 | 15 | 15 | 14 | 30 | 22 |
| 38410 | | 11 | | | 16 | | | |
| 38411 | | 12 | | | 17 | | | |
| 38412 | | 13 | | 16 | 18 | | | |
| 38413 | | 14 | | | 19 | | | |
| 39095 | | 17 | 27 | | 23 | 15 | | 42 |



■ 1/4"

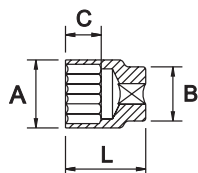
■ INCH - 6 PT.





| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|--|
| 38246 | SS 420 | 3/16 | 25 | 12 | 9,5 | 11 | 6 | 17 |
| 38247 | | 7/32 | | | 11 | | | |
| 38248 | | 1/4 | | | 12 | | | |
| 38249 | | 5/16 | | 13 | 13 | | | |
| 38250 | | 3/8 | | 15 | 15 | | | |
| 38251 | | 7/16 | 26 | 16 | 16 | 27 | | |
| 38252 | | 1/2 | | | 18 | 30 | | |
| 38253 | | 9/16 | | | 19 | 35 | | |



■ INCH - 12 PT.

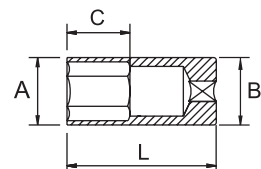




| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|--|
| 38414 | SS 420 | 3/16 | 25 | 12 | 9,5 | 11 | 12 | 17 |
| 38415 | | 7/32 | | | 11 | | | |
| 38416 | | 1/4 | | | 12 | | | |
| 38417 | | 5/16 | | 13 | 13 | | | |
| 38418 | | 3/8 | | 15 | 15 | | | |
| 38419 | | 7/16 | 26 | 16 | 16 | 27 | | |
| 38420 | | 1/2 | | | 18 | 30 | | |
| 38421 | | 9/16 | | | 19 | 35 | | |



■ SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

■ MM - 6 PT.

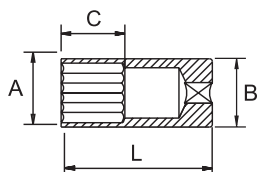


| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|-------|--------|---|--------|--------|--------|--------|----|--|----|
| 38254 | SS 420 | 4 | 50 | 12 | 9,0 | 11 | 6 | 40 | |
| 38255 | | 5 | | | 9,5 | | | | |
| 38256 | | 6 | | | 11 | | | | |
| 38257 | | 7 | | | 12 | | | | |
| 38258 | | 8 | | 13 | 13 | | | | 42 |
| 38259 | | 9 | | 14 | 14 | | | | 46 |
| 38260 | | 10 | | 15 | 15 | | | | 50 |
| 38261 | | 11 | | 16 | 16 | | | | 14 |
| 38262 | | 12 | | 17 | | | | | |
| 38204 | | 13 | | 18 | | | | | |
| 38263 | | 14 | | 19 | | 60 | | | |



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|--------------|--------|-------|--------|--------|--------|--------|----|----|
| 39096 | SS 420 | 17 | 50 | 16 | 23 | 15 | 6 | 65 |

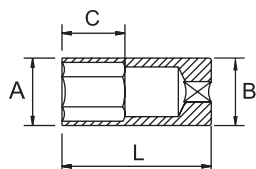
MM - 12 PT.



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|--------------|--------|-------|--------|--------|--------|--------|----|----|
| 38422 | SS 420 | 4 | 50 | 12 | 9,0 | 11 | 12 | 40 |
| 38423 | | 5 | | | 9,5 | | | |
| 38424 | | 6 | | | 11 | | | |
| 38425 | | 7 | | | 12 | | | |
| 38426 | | 8 | | 13 | 13 | 14 | 12 | 42 |
| 38427 | | 9 | | | 14 | | | |
| 38428 | | 10 | | | 15 | | | |
| 38429 | | 11 | | | 16 | | | |
| 38430 | | 12 | | 16 | 17 | 15 | 12 | 55 |
| 38431 | | 13 | | | 18 | | | |
| 38432 | | 14 | | | 19 | | | |
| 39097 | | 17 | | | 23 | | | |



INCH - 6 PT.

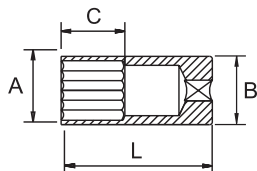




| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|--------------|--------|---------|--------|--------|--------|--------|----|----|
| 38264 | SS 420 | 3/16 | 50 | 12 | 9,5 | 11 | 6 | 40 |
| 38265 | | 7/32 | | | 11 | | | |
| 38266 | | 1/4 | | | 12 | | | |
| 38267 | | 5/16 | | | 13 | | | |
| 38268 | | 3/8 | | 15 | 13 | 14 | 6 | 42 |
| 38269 | | 7/16 | | | 15 | | | |
| 38270 | | 1/2 | | | 16 | | | |
| 38271 | | 9/16 | | | 19 | | | |



■ 1/4"

■ INCH - 12 PT.



| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|--|
| 38433 | SS 420 | 3/16 | 50 | 12 | 9,5 | 11 | 12 | 40 |
| 38434 | | 7/32 | | | 11 | | | |
| 38435 | | 1/4 | | | 12 | | | |
| 38436 | | 5/16 | | | 13 | | | |
| 38437 | | 3/8 | | 15 | 15 | 14 | | 55 |
| 38438 | | 7/16 | | 16 | | | | |
| 38439 | | 1/2 | | 16 | 18 | | | |
| 38440 | | 9/16 | | 19 | 19 | | | |



LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET RÉVERSIBLE / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА



| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | g | |
|-------|--------|------------|--------|--------|--------|--------|-----|---|
| 38203 | SS 420 | 1/4 | 200 | 32 | 15 | 27 | 260 | 1 |



■ **ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENCAO / УДЛИНИТЕЛЬ**

| COD. | MAT. | AF inch | L (inch) | g | |
|-------|--------|------------|----------|----|---|
| 38231 | SS 420 | 1/4 | 3 | 60 | 1 |



■ **PUNTAS ATORNILLADORAS CON VASO / SOCKET BITS / EMBOUTS DE VISSAGE AVEC DOUILLE / STECKSCHLÜSSELEINSATZ / INSERTI A BUSSOLA / PONTAS APARAFUSADORAS COM CAIXA / ГОЛОВКИ-БИТЫ**

| COD. | MAT. | mm | L (mm) | g | | |
|-------|--------|-----|--------|----|---|----|
| 39046 | SS 420 | 2 | 55 | 15 | ● | 10 |
| 39049 | | 3 | | 16 | | |
| 39078 | | 3,5 | | 17 | | |
| 39050 | | 4 | | 19 | | |
| 39051 | | 5 | 65 | 25 | | |
| 39052 | | 6 | | 42 | | |
| 39053 | | 8 | | 60 | | |
| 39054 | | 10 | | | | |



■ **ARTICULACIÓN UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELN / SNODO CARDANICO / CARDAN UNIVERSAL / ШАРНИР**

| COD. | MAT. | AF inch | L (mm) | g | | |
|-------|--------|------------|--------|----|---|--|
| 39048 | SS 420 | 1/4 | 20 | 10 | ● | |

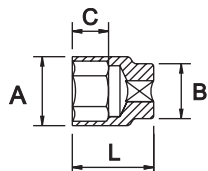




■ **MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDICO / ПОДВИЖНАЯ "Т" РУЧКА**

| COD. | MAT. | AF inch | L (mm) | g | | |
|-------|--------|------------|--------|-----|---|---|
| 39111 | SS 420 | 1/4 | 250 | 300 | 5 | ● |



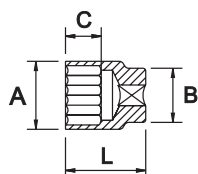
- 3/8"
- STANDARD
- MM - 6 PT.





| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|---|
| 38274 | SS 420 | 6 | 28 | 18 | 11 | 13 | 6 | 35 |
| 38275 | | 7 | | | 12 | | | |
| 38276 | | 8 | | | 13 | | | |
| 38277 | | 9 | | | 14 | | | |
| 38278 | | 10 | 15 | 20 | 20 | 50 | | |
| 38279 | | 11 | 16 | | | | | |
| 38280 | | 12 | 18 | | | | | |
| 38281 | | 13 | 19 | | | | | |
| 38282 | | 14 | 20 | | | | | |
| 38283 | | 15 | 21 | | | | 21 | 65 |
| 38284 | | 16 | 22 | | | | | |
| 38285 | | 17 | 23 | | | | | |
| 38286 | | 19 | 24 | | 24 | | 70 | |
| 38287 | | 20 | 26 | | | | | |
| 38288 | | 22 | 27 | | | | | |
| | | | 35 | 30 | 25 | 22 | | 80 |



- MM - 12 PT.

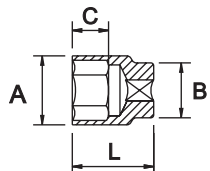




| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|---|
| 38443 | SS 420 | 6 | 28 | 18 | 11 | 13 | 6 | 35 |
| 38444 | | 7 | | | 12 | | | |
| 38445 | | 8 | | | 13 | | | |
| 38446 | | 9 | | | 14 | | | |
| 38447 | | 10 | 32 | 20 | 15 | 20 | 12 | |
| 38448 | | 11 | | | 16 | | | |
| 38449 | | 12 | | | 18 | | | |
| 38450 | | 13 | | | 19 | | | |
| 38451 | | 14 | | | 20 | | | |
| 38452 | | 15 | | | 21 | | | |
| 38453 | | 16 | | | 22 | | | |
| 38454 | | 17 | | | 23 | | | |
| 38455 | | 19 | | | 24 | 20 | | |
| 38456 | | 20 | | | 26 | | | |
| 38457 | | 22 | | | 27 | | | |
| | | | 35 | 30 | 25 | 22 | | |



■ 3/8"

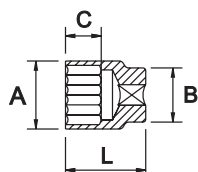
■ INCH - 6 PT.



| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|--|
| 38289 | SS 420 | 1/4 | 28 | 18 | 11 | 13 | 6 | 35 |
| 38290 | | 5/16 | | | 13 | | | |
| 38291 | | 3/8 | | | 15 | | | |
| 38292 | | 7/16 | 20 | 16 | 20 | 6 | 50 | |
| 38293 | | 1/2 | | 19 | | | | |
| 38294 | | 9/16 | 21 | 20 | 20 | 6 | 60 | |
| 38295 | | 5/8 | 23 | 21 | | | | |
| 38296 | | 11/16 | 24 | | | | | |
| 38297 | | 3/4 | 26 | 24 | | | 70 | |
| 38298 | | 13/16 | 27 | | | | 75 | |
| 38616 | | 1 | | 30 | 25 | 22 | | 80 |



■ INCH - 12 PT.



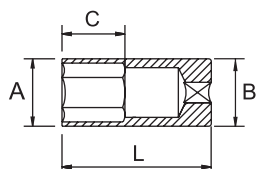
| COD. | MAT. | <div><div>AF</div><div>inch</div><div>↑ ↓</div></div> | L (mm) | A (mm) | B (mm) | C (mm) | Pt | <div><div>g</div><div></div><div>↑ ↓</div></div> | |
|-------|--------|---|--------|--------|--------|--------|----|--|----|
| 38458 | SS 420 | 1/4 | 28 | 18 | 11 | 13 | 12 | 35 | |
| 38459 | | 5/16 | | | 13 | | | | |
| 38460 | | 3/8 | | | 15 | | | | |
| 38461 | | 7/16 | 20 | 16 | 20 | 50 | | | |
| 38462 | | 1/2 | | 19 | | | | | |
| 38463 | | 9/16 | 32 | 21 | 20 | 12 | 60 | | |
| 38464 | | 5/8 | | 23 | 21 | | | | |
| 38465 | | 11/16 | | 24 | 24 | | | 20 | 65 |
| 38466 | | 3/4 | | 26 | | | | | 70 |
| 38467 | | 13/16 | 27 | 75 | | | | | |
| 38468 | | 1 | | 30 | 25 | 22 | | 80 | |





■ 3/8"

■ SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

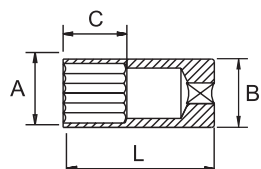
■ MM - 6 PT.





| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|-----|---|
| 38301 | SS 420 | 6 | 60 | 18 | 11 | 13 | 6 | 90 |
| 38302 | | 7 | | | 12 | | | |
| 38303 | | 8 | | | 13 | | | |
| 38304 | | 9 | | | 14 | | | |
| 38305 | | 10 | | | 15 | | | |
| 38306 | | 11 | | 20 | 16 | 20 | 100 | |
| 38307 | | 12 | | | 18 | | 105 | |
| 38308 | | 13 | | | 19 | | 110 | |
| 38309 | | 14 | | | 21 | | 20 | 115 |
| 38310 | | 15 | | | 22 | | 24 | 120 |
| 38311 | | 16 | | 23 | 125 | | | |
| 38312 | | 17 | | 24 | 140 | | | |
| 38313 | | 19 | | 26 | 145 | | | |
| 38314 | | 20 | | 27 | 150 | | | |
| 38315 | | 22 | | 30 | 25 | 22 | 150 | |



■ MM - 12 PT.

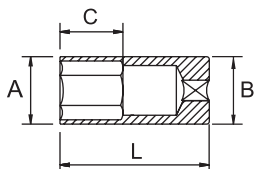




| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|-------|--------|---|--------|--------|--------|--------|-----|---|-----|
| 38470 | SS 420 | 6 | 60 | 18 | 11 | 13 | 12 | 90 | |
| 38471 | | 7 | | | 12 | | | | |
| 38472 | | 8 | | | 13 | | | | |
| 38473 | | 9 | | | 14 | | | | |
| 38474 | | 10 | | | 15 | | | 95 | |
| 38475 | | 11 | | 20 | 16 | 20 | 100 | | |
| 38476 | | 12 | | | 18 | | 105 | | |
| 38477 | | 13 | | | 19 | | 12 | 110 | |
| 38478 | | 14 | | | 21 | | | 20 | 115 |
| 38479 | | 15 | | | 22 | | | 21 | |
| 38480 | | 16 | | 23 | 20 | | | 125 | |
| 38481 | | 17 | | 24 | | | | 140 | |
| 38482 | | 19 | | 26 | | | | 24 | 145 |
| 38483 | | 20 | | 27 | | | | 150 | |
| 38484 | | 22 | | 30 | 25 | 22 | | | |



■ 3/8"

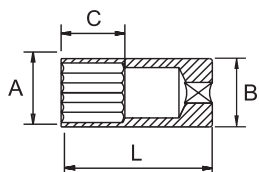
■ INCH - 6 PT.





| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|-------|--------|---|--------|--------|--------|--------|-----|--|-----|
| 38316 | SS 420 | 1/4 | 60 | 18 | 11 | 13 | 6 | 90 | |
| 38317 | | 5/16 | | | 13 | | | | |
| 38318 | | 3/8 | | | 15 | | | | |
| 38319 | | 7/16 | | 20 | 16 | 20 | | 95 | |
| 38320 | | 1/2 | | | 19 | | | | 100 |
| 38321 | | 9/16 | | | 21 | | | | 20 |
| 38322 | | 5/8 | | 23 | 21 | 20 | | 120 | |
| 38323 | | 11/16 | | 24 | 125 | | | | |
| 38324 | | 3/4 | | 26 | 24 | | | 140 | |
| 38325 | | 13/16 | | 27 | 145 | | | | |
| 38619 | | 1 | | 30 | 25 | 22 | 150 | | |



■ INCH - 12 PT.



| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|-------|--------|---|--------|--------|--------|--------|----|--|-----|
| 38485 | SS 420 | 1/4 | 60 | 18 | 11 | 13 | 12 | 90 | |
| 38486 | | 5/16 | | | 13 | | | 95 | |
| 38487 | | 3/8 | | | 15 | | | 100 | |
| 38488 | | 7/16 | | 20 | 16 | 20 | | 110 | |
| 38489 | | 1/2 | | | 19 | | | 120 | |
| 38490 | | 9/16 | | | 20 | | | 125 | |
| 38491 | | 5/8 | | 23 | 21 | | | 24 | 140 |
| 38492 | | 11/16 | | 24 | 27 | | | | 145 |
| 38493 | | 3/4 | | 26 | | | | | 150 |
| 38494 | | 13/16 | | 27 | | | | | |
| 38620 | 1 | 30 | 25 | 22 | | | | | |



LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET RÉVERSIBLE / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА



| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | g | |
|-------|--------|---------|--------|--------|--------|--------|-----|---|
| 38988 | SS 420 | 3/8 | 200 | 32 | 13 | 30 | 240 | 1 |



■ **ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEIL / ADATTATORE / REDUTOR / АДАПТЕР**

| COD. | MAT. | | g |
|-------|--------|-------------|----|
| 30150 | SS 420 | 3/8" - 1/2" | 55 |

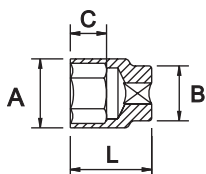




ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ

| COD. | MAT. | AF inch | L (inch) | g | | |
|-------|--------|------------|----------|-----|---|---|
| 38232 | SS 420 | 3/8" | 3" | 80 | 1 | ● |
| 39015 | | | 8" | 250 | | |



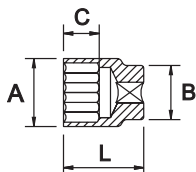
- 1/2"
- STANDARD
- MM - 6 PT.



| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|---|
| 38326 | SS 420 | 6 | 40 | 24 | 13 | 18 | 6 | 75 |
| 38327 | | 7 | | | 14 | | | |
| 38328 | | 8 | | | 15 | | | |
| 38329 | | 9 | | | 16 | | | |
| 38330 | | 10 | | | 17 | | | |
| 38331 | | 11 | | | 18 | | | |
| 38332 | | 12 | | | 19 | | | |
| 38187 | | 13 | | | 20 | | | |
| 38333 | | 14 | | | 21 | | | |
| 38334 | | 15 | | | 23 | | | |
| 38335 | | 16 | | 25 | 24 | | | 95 |
| 38188 | | 17 | | | | | | |
| 38336 | | 18 | | 26 | 25 | | | |
| 38189 | | 19 | 28 | 110 | | | | |
| 38337 | | 20 | 29 | 120 | | | | |
| 38338 | | 21 | 30 | 125 | | | | |
| 38190 | | 22 | 31 | 130 | | | | |
| 38339 | | 23 | 33 | 150 | | | | |
| 38198 | | 24 | 34 | 165 | | | | |
| 38340 | | 25 | 36 | 180 | | | | |
| 38341 | | 26 | 37 | 200 | | | | |
| 38199 | | 27 | 38 | 220 | | | | |
| 38342 | | 28 | 39 | 230 | | | | |
| 38343 | | 29 | 41 | 240 | | | | |
| 38221 | | 30 | 42 | 250 | | | | |
| 38222 | | 32 | 43 | 34 | 300 | | | |
| 39033 | | 34 | 48 | 400 | | | | |
| 38223 | | 36 | 50 | 50 | 36 | 25 | | 410 |



- MM - 12 PT.

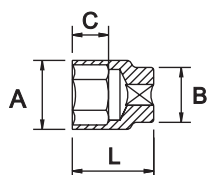


| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|----------|--------|--------|--------|--------|----|----|
| 38495 | SS 420 | 6 | 40 | 24 | 13 | 18 | 12 | 75 |
| 38496 | | 7 | | | 14 | | | |
| 38497 | | 8 | | | 15 | | | |
| 38498 | | 9 | | | 16 | | | 80 |



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|-----|
| 38499 | SS 420 | 10 | 40 | 24 | 17 | 18 | 12 | 80 |
| 38500 | | 11 | | | 18 | | | |
| 38501 | | 12 | | | 19 | | | |
| 38502 | | 13 | | | 20 | | | |
| 38503 | | 14 | | | 21 | | | |
| 38504 | | 15 | | | 23 | | | |
| 38505 | | 16 | 42 | 25 | 24 | 22 | 12 | 95 |
| 38506 | | 17 | | | 25 | | | |
| 38507 | | 18 | | | 26 | | | |
| 38508 | | 19 | | | 28 | | | |
| 38509 | | 20 | | | 29 | | | |
| 38510 | | 21 | | | 30 | | | |
| 38511 | | 22 | | | 31 | | | |
| 38512 | | 23 | 43 | 33 | 28 | 22 | 12 | 150 |
| 38513 | | 24 | | | 34 | | | |
| 38514 | | 25 | | | 36 | | | |
| 38515 | | 26 | | | 37 | | | |
| 38516 | | 27 | | | 38 | | | |
| 38517 | | 28 | | | 39 | | | |
| 38518 | | 29 | 46 | 41 | 30 | 25 | 12 | 230 |
| 38519 | | 30 | | | 42 | | | |
| 38520 | | 32 | | | 43 | | | |
| 39034 | | 34 | | | 48 | | | |
| 38521 | | 36 | 50 | 50 | 36 | 25 | | 410 |

■ INCH - 6 PT.

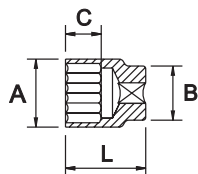




| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|---------|--------|--------|--------|--------|----|-----|
| 38344 | SS 420 | 1/4 | 40 | 24 | 13 | 18 | 6 | 75 |
| 38345 | | 5/16 | | | 15 | | | |
| 38346 | | 3/8 | | | 17 | | | |
| 38347 | | 7/16 | | | 18 | | | |
| 38348 | | 1/2 | | | 20 | | | |
| 38349 | | 9/16 | | | 21 | | | |
| 38350 | | 19/32 | 42 | 25 | 23 | 22 | 6 | 95 |
| 38351 | | 5/8 | | | 24 | | | |
| 38352 | | 11/16 | | | 25 | | | |
| 38353 | | 3/4 | | | 28 | | | |
| 38354 | | 25/32 | | | 29 | | | |
| 38355 | | 13/16 | 43 | 33 | 26 | 25 | 12 | 120 |
| 38356 | | 7/8 | | | 31 | | | |
| 38357 | | 15/16 | | | 34 | | | |
| 38358 | | 1 | | | 36 | | | |
| 38359 | | 1.1/16 | | | 38 | | | |
| 38360 | | 1.1/8 | 46 | 41 | 30 | 25 | 12 | 240 |
| 38361 | | 1.3/16 | | | 42 | | | |
| 38362 | | 1.1/4 | | | 43 | | | |
| 38363 | | 1.7/16 | 50 | 50 | 36 | 25 | | 410 |



■ 1/2"

■ INCH - 12 PT.

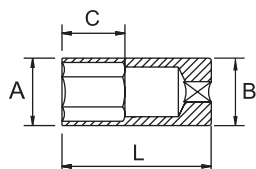




| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|-----|---|
| 38522 | SS 420 | 1/4 | 40 | 24 | 13 | 18 | 12 | 75 |
| 38523 | | 5/16 | | | 15 | | | |
| 38524 | | 3/8 | | | 17 | | | |
| 38525 | | 7/16 | | | 18 | | | |
| 38526 | | 1/2 | | | 20 | | | |
| 38527 | | 9/16 | 42 | 25 | 21 | 22 | 80 | |
| 38528 | | 19/32 | | | 23 | | | |
| 38529 | | 5/8 | | | 24 | | | |
| 38530 | | 11/16 | 42 | 28 | 25 | 22 | 95 | |
| 38531 | | 3/4 | | | 29 | | | |
| 38532 | | 25/32 | | | 26 | | | |
| 38533 | | 13/16 | 43 | 34 | 26 | 22 | 110 | |
| 38534 | | 7/8 | | | 31 | | | |
| 38535 | | 15/16 | | | 36 | | | |
| 38536 | | 1 | | | 38 | | | |
| 38537 | | 1.1/16 | 46 | 41 | 30 | 22 | 120 | |
| 38538 | | 1.1/8 | | | 42 | | | |
| 38539 | | 1.3/16 | | | 43 | | | |
| 38540 | | 1.1/4 | | | 34 | | | |
| 38541 | | 1.7/16 | 50 | 50 | 36 | 25 | 410 | |





■ SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

■ MM - 6 PT.

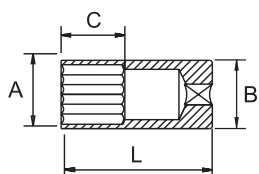




| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|-----|---|
| 38364 | SS 420 | 6 | 82 | 24 | 13 | 18 | 6 | 195 |
| 38365 | | 7 | | | 14 | | | |
| 38366 | | 8 | | | 15 | | | |
| 38367 | | 9 | | | 16 | | | |
| 38368 | | 10 | | | 17 | | | |
| 38369 | | 11 | | | 18 | | | |
| 38370 | | 12 | | 19 | 200 | | | |
| 38371 | | 13 | | 20 | | | | |
| 38372 | | 14 | | 21 | | | | |
| 38373 | | 15 | | 23 | | | | |
| 38374 | | 16 | | 25 | | 24 | 230 | |
| 38224 | | 17 | | 25 | | 25 | | |
| 38375 | | 18 | | | 26 | | | |
| 38205 | | 19 | | | 28 | | | 240 |
| 38376 | | 20 | | | 29 | | | |
| 38377 | | 21 | | | 30 | | | |
| 38225 | | 22 | | | 31 | | 250 | |
| 38378 | | 23 | | 33 | | | | |



| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|---|
| 38226 | SS 420 | 24 | 82 | 34 | 28 | 22 | 6 | 310 |
| 38379 | | 25 | | 36 | | | | 380 |
| 38380 | | 26 | | 37 | 30 | | | 420 |
| 38227 | | 27 | | 38 | | | | 430 |
| 38381 | | 28 | | 39 | 34 | | | 450 |
| 38382 | | 29 | | 41 | | | | 490 |
| 38228 | | 30 | | 42 | 36 | | | 550 |
| 38229 | | 32 | | 43 | | 25 | | 750 |
| 38998 | | 34 | | 48 | | | | |
| 38230 | | 36 | | 50 | | | | |

■ **MM - 12 PT.**

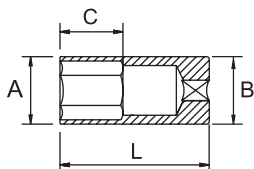




| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | |
|-------|--------|---|--------|--------|--------|--------|----|---|-----|-----|
| 38542 | SS 420 | 6 | 82 | 24 | 13 | 18 | 12 | 195 | | |
| 38543 | | 7 | | | 14 | | | | | |
| 38544 | | 8 | | | 15 | | | | | |
| 38545 | | 9 | | | 16 | | | | | |
| 38546 | | 10 | | | 17 | | | | | |
| 38547 | | 11 | | | 18 | | | 200 | | |
| 38548 | | 12 | | | 19 | | | | | |
| 38549 | | 13 | | | 20 | | | | | |
| 38550 | | 14 | | | 21 | | | | | |
| 38551 | | 15 | | | 23 | 230 | | | | |
| 38552 | | 16 | | 25 | 24 | | | | | |
| 38553 | | 17 | | 26 | 25 | | | 240 | | |
| 38554 | | 18 | | | | | | | | |
| 38555 | | 19 | | | | | | | | |
| 38556 | | 20 | | | | | | | | |
| 38557 | | 21 | | 30 | 26 | 250 | | | | |
| 38558 | | 22 | | 31 | | | | | | |
| 38559 | | 23 | | 33 | | | | | | |
| 38560 | | 24 | | 34 | | | | 28 | 22 | 310 |
| 38561 | | 25 | | 36 | | | | | | |
| 38562 | | 26 | | 37 | | | | | | |
| 38563 | | 27 | | 38 | 30 | 420 | | | | |
| 38564 | | 28 | | 39 | | | | | | |
| 38565 | | 29 | | 41 | | | | | | |
| 38566 | | 30 | | 42 | | | | 34 | 490 | |
| 38567 | | 32 | | 43 | | | | | | |
| 39035 | | 34 | | 48 | 36 | 25 | | | | 750 |
| 38568 | | 36 | | 50 | | | | | | |



■ 1/2"

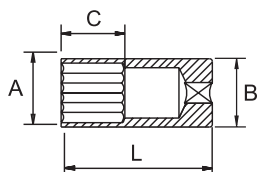
■ INCH - 6 PT.





| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|-------|--------|---|--------|--------|--------|--------|----|---|-----|
| 38383 | SS 420 | 1/4 | 80 | 24 | 13 | 18 | 6 | 195 | |
| 38384 | | 5/16 | | | 15 | | | | |
| 38385 | | 3/8 | | | 17 | | | | |
| 38386 | | 7/16 | | | 18 | | | | 200 |
| 38387 | | 1/2 | | | 20 | | | | |
| 38388 | | 9/16 | | | 21 | | | | |
| 38389 | | 19/32 | | | 23 | | | | 230 |
| 38390 | | 5/8 | | 24 | | | | | |
| 38391 | | 11/16 | | 25 | 22 | 240 | | | |
| 38392 | | 3/4 | | 28 | | | | | |
| 38393 | | 25/32 | | 29 | | | | | |
| 38394 | | 13/16 | | 26 | | | | | |
| 38395 | | 7/8 | | 31 | | | | | |
| 38396 | | 15/16 | | 34 | | | | | |
| 38397 | | 1 | | 36 | | | | | |
| 38398 | | 1.1/16 | | 38 | | | | | |
| 38399 | | 1.1/8 | | 41 | | | | 30 | 450 |
| 38400 | | 1.3/16 | | 42 | | | | 490 | |
| 38401 | | 1.1/4 | | 43 | | | | 34 | 550 |
| 38402 | | 1.7/16 | | 50 | 36 | 25 | | 750 | |



■ INCH - 12 PT.



| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | | |
|-------|--------|---|--------|--------|--------|--------|----|---|--|--|--|
| 38569 | SS 420 | 1/4 | 80 | 24 | 13 | 18 | 12 | 195 | | | |
| 38570 | | 5/16 | | | 15 | | | | | | |
| 38571 | | 3/8 | | | 17 | | | | | | |
| 38572 | | 7/16 | | | 18 | | | 200 | | | |
| 38573 | | 1/2 | | | 20 | | | | | | |
| 38574 | | 9/16 | | | 21 | | | | | | |
| 38575 | | 19/32 | | | 23 | | | | | | |
| 38576 | | 5/8 | | 25 | 24 | 22 | | 230 | | | |
| 38577 | | 11/16 | | 28 | 25 | | | | | | |
| 38578 | | 3/4 | | | | | | | | | |
| 38579 | | 25/32 | | 29 | 26 | | | 240 | | | |
| 38580 | | 13/16 | | 31 | 28 | | | | | | |
| 38581 | | 7/8 | | | | | | 250 | | | |
| 38582 | | 15/16 | | 34 | 30 | | | 310 | | | |
| 38583 | | 1 | | 36 | | | | 380 | | | |
| 38584 | | 1.1/16 | | 38 | 34 | | | 420 | | | |
| 38585 | | 1.1/8 | | 41 | | | | 450 | | | |
| 38586 | | 1.3/16 | | 42 | 36 | | | 490 | | | |
| 38587 | | 1.1/4 | | 43 | 25 | | | 550 | | | |
| 38588 | | 1.7/16 | | 50 | | | | 750 | | | |



1/2"

LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET RÉVERSIBLE / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА



| COD. | MAT. | AF inch | A (mm) | B (mm) | C (mm) | L (mm) | g |
|-------|--------|------------|--------|--------|--------|--------|-----|
| 38200 | SS 420 | 1/2 | 40 | 20 | 41 | 250 | 550 |



ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENCAO / УДЛИНИТЕЛЬ

| COD. | MAT. | AF inch | L (inch) | g | | |
|-------|--------|------------|----------|-----|---|---|
| 38220 | SS 420 | 1/2 | 4 | 350 | 5 | • |
| 38218 | | | 5 | 360 | | |
| 38824 | | | 8 | 380 | | |
| 38825 | | | 10 | 460 | | |



PUNTAS ATORNILLADORAS CON VASO / SOCKET BITS / EMBOUTS DE VISSAGE AVEC DOUILLE / STECKSCHLÜSSELEINSATZ / INSERTI A BUSSOLA / PONTAS APARAFUSADORAS COM CAIXA / ГОЛОВКИ-БИТЫ

| COD. | MAT. | mm | L (mm) | g | | |
|-------|--------|-----|--------|----|---|----|
| 39081 | SS 420 | 4 | 65 | 65 | • | 10 |
| 39082 | | 5 | | | | |
| 39083 | | 5,5 | | | | |
| 38992 | | 6 | | | | |
| 39043 | | 7 | | | | |
| 38993 | | 8 | | | | |
| 39084 | | 9 | | | | |
| 38994 | | 10 | | | | |
| 38995 | | 12 | | | | |
| 39085 | | 14 | | | | |
| 38996 | | 16 | | | | |
| 38997 | | 20 | | | | |



ARTICULACIÓN UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELENK / SNODO CARDANICO / CARDAN UNIVERSAL / ШАРНИР

| COD. | MAT. | AF inch | L (mm) | g | | |
|-------|--------|------------|--------|----|---|--|
| 38829 | SS 420 | 1/2 | 170 | 10 | • | |

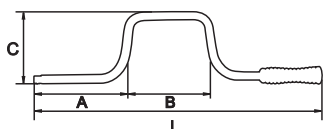


MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDICO / ПОДВИЖНАЯ "Т" РУЧКА

| COD. | MAT. | AF inch | L (mm) | g | | |
|-------|--------|------------|--------|------|---|---|
| 38830 | SS 420 | 1/2 | 250 | 330 | 5 | • |
| 39014 | | 3/4 | 300 | 1000 | | |



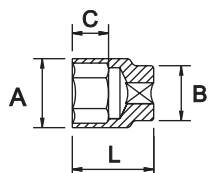
BERBIQUÍ / SPEEDER HANDLE / VILLEBREQUIN / KURBEL / LEVA GIROBECCHINO / MANIVELA / КОЛЕНЧАТАЯ РУЧКА



| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | g | |
|-------|--------|------------|--------|--------|--------|--------|-----|---|
| 38831 | SS 420 | 1/2 | 380 | 135 | 140 | 100 | 500 | 5 |



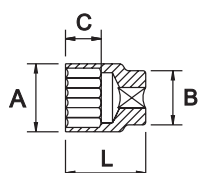
- 3/4"
- STANDARD
- MM - 6 PT.



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|-----|
| 38671 | SS 420 | 17 | 50 | 38 | 28 | 22 | 6 | 250 |
| 38672 | | 19 | | | 30 | | | |
| 38673 | | 21 | | | 32 | | | |
| 38674 | | 22 | | | 33 | | | |
| 38675 | | 23 | 55 | 40 | 34 | 25 | 6 | 270 |
| 38676 | | 24 | | | 35 | | | |
| 38677 | | 26 | | | 38 | | | |
| 38678 | | 27 | | | 39 | | | |
| 38679 | | 28 | 60 | 41 | 40 | 28 | 6 | 310 |
| 38680 | | 29 | | 42 | | | | |
| 38681 | | 30 | | 43 | | | | |
| 38682 | | 32 | | 45 | | | | |
| 38683 | | 36 | 65 | 55 | 45 | 30 | 6 | 340 |
| 38684 | | 38 | | | 46 | | | |
| 38685 | | 41 | | | 48 | | | |
| 38686 | | 46 | | | 50 | | | |
| 38687 | | 50 | 70 | 70 | 50 | 35 | 6 | 900 |
| 38688 | | 55 | | | | | | |
| 38689 | | 60 | | | | | | |
| 38690 | | 75 | | | | | | |



- MM - 12 PT.

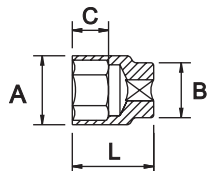


| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|-----|
| 38709 | SS 420 | 17 | 50 | 38 | 28 | 22 | 6 | 250 |
| 38710 | | 19 | | | 30 | | | |
| 38711 | | 21 | | | 32 | | | |
| 38712 | | 22 | | | 33 | | | |
| 38713 | | 23 | 55 | 40 | 34 | 25 | 6 | 270 |
| 38714 | | 24 | | | 35 | | | |
| 38715 | | 26 | | | 38 | | | |
| 38716 | | 27 | | | 39 | | | |
| 38717 | | 28 | 60 | 41 | 40 | 28 | 6 | 310 |
| 38718 | | 29 | | 42 | | | | |
| 38719 | | 30 | | 43 | | | | |
| 38720 | | 32 | | 45 | | | | |
| 38721 | | 36 | 65 | 55 | 45 | 30 | 6 | 340 |
| 38722 | | 38 | | | 46 | | | |
| 38723 | | 41 | | | 48 | | | |
| 38724 | | 46 | | | 50 | | | |
| 38725 | | 50 | 70 | 70 | 50 | 35 | 6 | 900 |
| 38726 | | 55 | | | | | | |
| 38727 | | 60 | | | | | | |
| 38728 | | 75 | | | | | | |



■ 3/4"

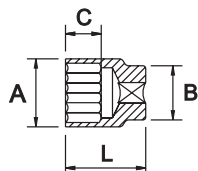
■ INCH - 6 PT.



| COD. | MAT. | AF ^{inch} | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|--------------------|--------|--------|--------|--------|----|------|
| 38690 | SS 420 | 3/4 | 50 | | 31 | | | |
| 38691 | | 13/16 | | 38 | 32 | | | 270 |
| 38692 | | 7/8 | | | 33 | 25 | | |
| 38693 | | 15/16 | | | 35 | | | |
| 38694 | | 1 | 55 | 40 | 37 | | | 310 |
| 38695 | | 1.1/16 | | | 39 | | | |
| 38696 | | 1.1/8 | | 42 | 40 | 28 | | 340 |
| 38697 | | 1.3/16 | | 43 | 43 | | | 350 |
| 38698 | | 1.1/4 | 60 | 45 | 45 | 30 | | 470 |
| 38699 | | 1.7/16 | | | 46 | | 6 | 550 |
| 38700 | | 1.1/2 | | 55 | | | | |
| 38701 | | 1.9/16 | | | 48 | | | 650 |
| 38702 | | 1.5/8 | | | | | | |
| 38703 | | 1.3/4 | 65 | | | 32 | | |
| 38704 | | 1.13/16 | | 65 | | | | 750 |
| 38705 | | 1.7/8 | | | | | | |
| 38706 | | 2 | 70 | 70 | 50 | | | 900 |
| 38707 | | 2.3/16 | 75 | 75 | | 35 | | 1250 |
| 38708 | | 2.3/8 | | 80 | | | | 1400 |



■ INCH - 12 PT.



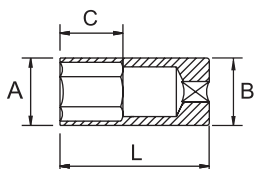
| COD. | MAT. | AF ^{inch} | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|--------------------|--------|--------|--------|--------|----|------|
| 38728 | SS 420 | 3/4 | 50 | | 31 | | | |
| 38729 | | 13/16 | | 38 | 32 | | | 270 |
| 38730 | | 7/8 | | | 33 | 25 | | |
| 38731 | | 15/16 | | | 35 | | | |
| 38732 | | 1 | 55 | 40 | 37 | | | 310 |
| 38733 | | 1.1/16 | | | 39 | | | |
| 38734 | | 1.1/8 | | 42 | 40 | 28 | | 340 |
| 38735 | | 1.3/16 | | 43 | 43 | | | 350 |
| 38736 | | 1.1/4 | 60 | 45 | 45 | 30 | | 470 |
| 38737 | | 1.7/16 | | | 46 | | 12 | 550 |
| 38738 | | 1.1/2 | | 55 | | | | |
| 38739 | | 1.9/16 | | | 48 | | | 650 |
| 38740 | | 1.5/8 | | | | | | |
| 38741 | | 1.3/4 | 65 | | | 32 | | |
| 38742 | | 1.13/16 | | 65 | | | | 750 |
| 38743 | | 1.7/8 | | | | | | |
| 38744 | | 2 | 70 | 70 | 50 | | | 900 |
| 38745 | | 2.3/16 | 75 | 75 | | 35 | | 1250 |
| 38746 | | 2.3/8 | | 80 | | | | 1400 |





■ 3/4"

■ SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

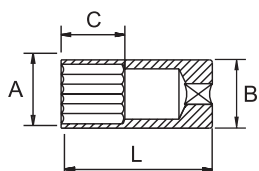
■ MM - 6 PT.





| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | |
|-------|--------|---|--------|--------|--------|--------|----|---|----|------|
| 38747 | SS 420 | 17 | 90 | 38 | 28 | 22 | 6 | 500 | | |
| 38748 | | 19 | | | 30 | | | | | |
| 38749 | | 21 | | | 32 | | | | | |
| 38750 | | 22 | | | 33 | | | | | |
| 38751 | | 23 | | 34 | 25 | 550 | | | | |
| 38752 | | 24 | | 35 | | | | | | |
| 38753 | | 26 | | 38 | | | | | | |
| 38754 | | 27 | | 39 | | | | | | |
| 38755 | | 28 | | 41 | 40 | 28 | | 600 | | |
| 38756 | | 29 | | 42 | 43 | | | | | |
| 38757 | | 30 | | 43 | 43 | | | | | |
| 38758 | | 32 | | 45 | 45 | | | | 30 | 700 |
| 38759 | | 36 | | 50 | 46 | | | | | |
| 38760 | | 38 | | 53 | 48 | 32 | | 950 | | |
| 38761 | | 41 | | 57 | 65 | | | | | |
| 38762 | | 46 | | 70 | 70 | | | | 35 | 1450 |
| 38763 | | 50 | 75 | 80 | | | | | | |
| 38764 | | 55 | 80 | | | | | | | |
| 38765 | | 60 | | | | | | | | |



■ MM - 12 PT.

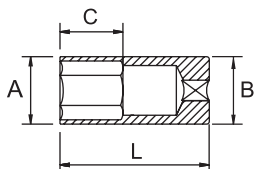




| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|-------|--------|---|--------|--------|--------|--------|----|---|------|
| 38785 | SS 420 | 17 | 90 | 38 | 28 | 22 | 12 | 500 | |
| 38786 | | 19 | | | 30 | | | | |
| 38787 | | 21 | | | 32 | | | | |
| 38788 | | 22 | | | 33 | | | | |
| 38789 | | 23 | | 34 | 25 | 550 | | | |
| 38790 | | 24 | | 40 | | | | 35 | |
| 38791 | | 26 | | | | | | 38 | |
| 38792 | | 27 | | | | | | 39 | |
| 38793 | | 28 | | 41 | 40 | 28 | | 600 | |
| 38794 | | 29 | | 42 | | | | | |
| 38795 | | 30 | | 43 | 43 | | | | |
| 38796 | | 32 | | 45 | 30 | | | | 700 |
| 38797 | | 36 | | 50 | | 45 | | | |
| 38798 | | 38 | | 55 | | 46 | | 950 | |
| 38799 | | 41 | | | | 48 | | | |
| 38800 | | 46 | | 65 | 32 | 1300 | | | |
| 38801 | | 50 | 70 | | | | | | |
| 38802 | | 55 | 75 | 50 | | | | 35 | 1800 |
| 38803 | | 60 | 80 | | | | | | |



■ 3/4"

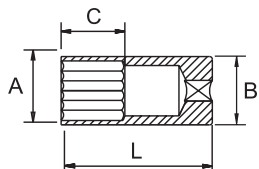
■ INCH - 6 PT.





| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | | |
|-------|--------|---|--------|--------|--------|--------|----|---|--|--|--|
| 38766 | SS 420 | 3/4 | 90 | 38 | 31 | 25 | 6 | 550 | | | |
| 38767 | | 13/16 | | | 32 | | | | | | |
| 38768 | | 7/8 | | | 33 | | | | | | |
| 38769 | | 15/16 | | 35 | 30 | 700 | | | | | |
| 38770 | | 1 | | 37 | | | | | | | |
| 38771 | | 1.1/16 | | 39 | | | | | | | |
| 38772 | | 1.1/8 | 42 | 40 | 28 | 600 | | | | | |
| 38773 | | 1.3/16 | 43 | 43 | 32 | 650 | | | | | |
| 38774 | | 1.1/4 | 45 | 45 | | 700 | | | | | |
| 38775 | | 1.7/16 | 55 | 46 | 950 | | | | | | |
| 38776 | | 1.1/2 | | | | | | | | | |
| 38777 | | 1.9/16 | | | | | | | | | |
| 38778 | | 1.5/8 | 100 | 65 | 50 | 35 | 12 | 1300 | | | |
| 38779 | | 1.3/4 | | | | | | | | | |
| 38780 | | 1.13/16 | | | | | | | | | |
| 38781 | | 1.7/8 | | 70 | | 35 | | 1450 | | | |
| 38782 | | 2 | | 75 | | | | | | | |
| 38783 | | 2.3/16 | | | | | | | | | |
| 38784 | | 2.3/8 | | 80 | 2100 | | | | | | |



■ INCH - 12 PT.



| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | | |
|-------|--------|---|--------|--------|--------|--------|-----|---|--|--|--|
| 38804 | SS 420 | 3/4 | 90 | 38 | 31 | 25 | 12 | 550 | | | |
| 38805 | | 13/16 | | | 32 | | | | | | |
| 38806 | | 7/8 | | | 33 | | | | | | |
| 38807 | | 15/16 | | 35 | | | | | | | |
| 38808 | | 1 | | 37 | | | | | | | |
| 38809 | | 1.1/16 | | 39 | | | | | | | |
| 38810 | | 1.1/8 | 100 | 42 | 40 | 28 | 600 | | | | |
| 38811 | | 1.3/16 | | 43 | 43 | 650 | | | | | |
| 38812 | | 1.1/4 | | 45 | 45 | 700 | | | | | |
| 38813 | | 1.7/16 | | 55 | 46 | 32 | 950 | | | | |
| 38814 | | 1.1/2 | | | | | | | | | |
| 38815 | | 1.9/16 | | | | | | | | | |
| 38816 | | 1.5/8 | 100 | 65 | 50 | 35 | 12 | 1300 | | | |
| 38817 | | 1.3/4 | | | | | | | | | |
| 38818 | | 1.13/16 | | | | | | | | | |
| 38819 | | 1.7/8 | | 70 | | 35 | | 1450 | | | |
| 38820 | | 2 | | 75 | | | | | | | |
| 38821 | | 2.3/16 | | | | | | | | | |
| 38822 | | 2.3/8 | | 80 | 2100 | | | | | | |



■ **ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENCAO / УДЛИНИТЕЛЬ**

| COD. | MAT. | AF inch | L (inch) | g | | |
|-------|--------|------------|----------|-----|---|---|
| 38826 | SS 420 | 3/4 | 4 | 200 | 5 | ● |
| 38827 | | | 8 | 230 | | |
| 38828 | | | 10 | 260 | | |



■ **LLAVES ESPECIALES / SPECIAL WRENCHES / CLÉS SPÉCIALES / SPEZIELL ZANGEN / CHIAVI SPECIALI / CHAVES ESPECIAIS / КЛЮЧИ СПЕЦИАЛЬНЫЕ**

■ **LLAVE DE GANCHO ARTICULADA / ADJUSTABLE HOOK SPANNER / CLÉ À ERGOT ARTICULÉE / ZANGE MIT VERSTELLBARE BACKE / CHIAVE A SETTORE REGOLABILE / CHAVE DE GANCHO ARTICULADA / РУГУЛИРУЕМЫЙ КЛЮЧ КРЮК**

| COD. | MAT. | CAP. (mm) | L (mm) | g |
|-------|--------|-----------|--------|-----|
| 39055 | SS 420 | 19-50 | 160 | 115 |
| 39040 | | 35-60 | 190 | 150 |
| 39056 | | 32-75 | 200 | 190 |
| 38197 | | 50-65 | 200 | 350 |
| 38191 | | 50-120 | 250 | 450 |
| 39009 | | 90-155 | 330 | 650 |



■ **LLAVE DE GANCHO CON PIN ARTICULADA / ADJUSTABLE HOOK SPANNER WITH PIN / CLÉ À ERGOT ARTICULÉE AVEC CROCHET / VERSTELLBARE HAKENSCHLÜSSEL MIT PIN / CHIAVE A SETTORE ARTICOLATA CON PIN / CHAVES DE UNHA ARTICULADA COM PIN / КЛЮЧ-КРЮК С ШАРНИРОМ**

| COD. | MAT. | CAP. (mm) | L (mm) | g |
|-------|--------|-----------|--------|-----|
| 39057 | SS 420 | 15-35 | 115 | 46 |
| 39058 | | 35-50 | 160 | 110 |



■ **LLAVE DE GANCHO / HOOK SPANNER / CLÉ À ERGOT / ECKZANGE / CHIAVE A SETTORE / CHAVE DE GANCHO / КЛЮЧ КРЮК**

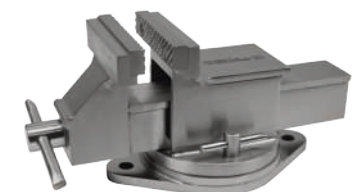
| COD. | MAT. | L (mm) | CAP. Ø (mm) | CAP. Ø (inch) | g |
|-------|--------|--------|-------------|-----------------|-----|
| 39041 | SS 420 | 135 | 30-32 | 1.3/16-1.1/4 | 60 |
| 39042 | | 170 | 34-36 | 1.5/16-1.13/32 | 90 |
| 39100 | | | 40-42 | 1.9/16- 1.21/32 | 100 |
| 39101 | | 210 | 45-50 | 1.3/4-2 | 150 |
| 39102 | | | 52-55 | 2.1/16-2.3/16 | |
| 39103 | | 240 | 58-62 | 2.9/32-2.7/16 | 210 |
| 39104 | | | 68-75 | 2.11/16-3 | 250 |
| 39105 | | 280 | 80-90 | 3.1/8-3.1/2 | 370 |



■ **TORNILLO DE BANCO PARALELO / PARALLEL BENCH VICE / ÉTAU À MORS PARALLELES / PARALLELSCHRAUBSTÖCKE / Morsa da Banco Paralela / TORNO DE BANCADA PARALELO / ТИСК**

■ **GIRATORIO / SWIVEL / TOURNANT / DREHBARE / Morsa GIREVOLE / BASE GIRATORIA / ПОВОРОТНОЕ**

| COD. | MAT. | inch | mm | Kg |
|-------|--------|------|-----|-----|
| 38877 | SS 420 | 4 | 100 | 7,0 |
| 38878 | | 6 | 150 | 20 |
| 38879 | | 8 | 200 | 30 |
| 38880 | | 10 | 250 | 45 |











■ **DESTORNILLADORES / SCREWDRIVERS / TOURNEVIS / SCHRAUBENDREHER / CACCIAVITI / CHAVES DE FENDA / ОТВЕРТКИ**

■ **ELECTRICISTA / ELECTRICIAN / ELECTRICIEN / ELEKTRIKER / PER ELETTRICISTI / ELETTRICISTA / ЭЛЕКТРИЧЕСКАЯ**





| COD. | MAT. | mm | mm | mm | g |
|-------|--------|-----|-----|-----|-----|
| 38150 | SS 420 | 3 | 80 | | 40 |
| 38990 | | 3,5 | | 75 | 80 |
| 38151 | | 4 | | | 60 |
| 38152 | | 5 | 100 | 90 | 90 |
| 38991 | | 5,5 | | | 220 |
| 38153 | | 6 | | 110 | 130 |
| 38154 | | 8 | 150 | 120 | 170 |







| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|---|---|---|--|
| 38155 | SS 420 | 10 | 200 | 120 | 200 |
| 38666 | | | 300 | | 220 |
| 38156 | | 12 | 200 | | 260 |
| 38157 | | 14 | 250 | | 320 |





| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|---|---|---|--|
| 38017 | SS 420 | 3 | 80 | | 40 |
| 39010 | | 3,5 | | 75 | 30 |
| 38018 | | 4 | 100 | | 60 |
| 38019 | | 5 | | 90 | 90 |
| 39011 | | 5,5 | | 110 | 50 |
| 38020 | | 6 | 130 | | |
| 38021 | | 8 | 150 | | 170 |
| 38022 | | | 200 | 120 | 200 |
| 38023 | | 10 | 300 | | 220 |
| 38024 | | 12 | 200 | | 260 |
| 38025 | | 14 | 250 | | 320 |





PHILLIPS®

| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|--|--|--|---|
| 38158 | SS 420 | PH0 | 60 | 75 | 30 |
| 38159 | | PH1 | 80 | 90 | 80 |
| 38160 | | PH2 | 100 | 110 | 120 |
| 38161 | | PH3 | 150 | 120 | 190 |
| 38162 | | PH4 | 200 | | 270 |

| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|---|---|---|--|
| 38026 | SS 420 | PH0 | 60 | 75 | 30 |
| 38027 | | PH1 | 80 | 90 | 80 |
| 38028 | | PH2 | 100 | 110 | 120 |
| 38029 | | PH3 | 150 | 120 | 190 |
| 38030 | | PH4 | 200 | 75 | 270 |

POZIDRIV®

| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|---|---|---|--|
| 38163 | SS 420 | PZ0 | 60 | 75 | 40 |
| 38164 | | PZ1 | 80 | 90 | 80 |
| 38165 | | PZ2 | 100 | 110 | 120 |
| 38166 | | PZ3 | 150 | 120 | 190 |
| 38167 | | PZ4 | 200 | | 270 |





| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|---|---|---|--|
| 38031 | SS 420 | PZ0 | 60 | 75 | 40 |
| 38032 | | PZ1 | 80 | 90 | 80 |
| 38033 | | PZ2 | 100 | 110 | 120 |
| 38034 | | PZ3 | 150 | 120 | 190 |
| 38035 | | PZ4 | 200 | | 270 |



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* Para tornillos POZIDRIV® (Marca registrada por European Ind. Serv. Ltd.) / *For screws POZIDRIV® (European Ind. Serv. Ltd. registered trademark) / *Pour vis POZIDRIV® (Marque enregistrée par European Ind. Serv. Ltd.)




DE VASO HEXAGONAL / HEXAGONAL SOCKET / DOUVILLE HEXAGONALE / SCHRAUBENDREHER EINSATZ HEX / BUSSOLE ESAGONALI / CHAVE DE CAIXA HEXAGONAL / ШЕСТИГРАННАЯ ГОЛОВКА

| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|--|--|--|---|
| 39000 | SS 420 | 6 | 90 | 90 | 80 |
| 39001 | | 7 | | | |
| 39002 | | 8 | | | 90 |
| 39003 | | 9 | | | |
| 38196 | | 10 | 110 | 120 | 130 |
| 39004 | | 11 | | | |
| 39005 | | 12 | | | 150 |
| 39006 | | 13 | | | |
| 39007 | | 14 | 120 | | 180 |






PUNTAS DE DESTORNILLADOR / BITS / EMBOUTS DE VISSAGE / BITS / INSERTI / PONTAS / БИТЫ

PLANA / FLAT / À FENTE / FLACH / PIATTA / PLANA / ПЛОСКАЯ

| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|--|--------|--|---|
| 39063 | SS 420 | 3 x 0,5 | 25 | 1/4 | 4,0 |
| 39064 | | 4 x 0,5 | | | |
| 39090 | | 4,5 x 0,6 | | | 4,5 |
| 39079 | | 5 x 0,8 | | | |
| 39091 | | 5,5 x 0,8 | | | 5,0 |
| 39080 | | 6 x 1,2 | | | |
| 39092 | | 6,5 x 1,2 | | | 6,0 |
| 39093 | | 8 x 1,6 | | | |






PHILLIPS®

| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|--|--------|--|---|
| 39065 | SS 420 | PH-1 | 25 | 1/4 | 4,0 |
| 39066 | | PH-2 | | | 4,5 |
| 39067 | | PH-3 | | | 6,5 |






POZIDRIV®

| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|--|--------|--|---|
| 39075 | SS 420 | PZ-1 | 25 | 1/4 | 4,0 |
| 39076 | | PZ-2 | | | 4,5 |
| 39077 | | PZ-3 | | | 6,5 |






HEXAGONAL / HEXAGONAL / HEXAGONALE / HEXAGONAL / ESAGONALE / HEXAGONAL / ШЕСТИГРАННАЯ

| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|--|--------|--|---|
| 39059 | SS 420 | 3 | 25 | 1/4 | 4,0 |
| 39060 | | 4 | | | 4,4 |
| 39087 | | 4,5 | | | 4,7 |
| 39061 | | 5 | | | 5,0 |
| 39088 | | 5,5 | | | 5,5 |
| 39062 | | 6 | | | 6,0 |
| 39089 | | 6,5 | | | 6,5 |





■ TORX®

N!

| COD. | MAT. |  | L (mm) |  |  |
|-------|--------|---|--------|---|---|
| 39068 | SS 420 | T-10 | 25 | 1/4 | 3,5 |
| 39069 | | T-15 | | | 3,8 |
| 39070 | | T-20 | | | 4,0 |
| 39071 | | T-25 | | | 4,7 |
| 39072 | | T-27 | | | 5,0 |
| 39073 | | T-30 | | | 6,5 |
| 39074 | | T-40 | | | 6,5 |

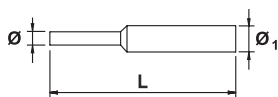



CORTAFRÍOS CILÍNDRICO / CYLINDRICAL COLD CHISEL / BÉDANE CYLINDRIQUE / ZYLINDRISCHE MEISSEL / SCALPELLO CILINDRICO TAGLIO A FREDDO / ESCOPRO CILINDRICO / ЦИЛИНДРИЧЕСКОЕ ЗУБТЛО

| COD. | MAT. | L (mm) |  |  |
|-------|--------|----------|---|--|
| 38837 | SS 420 | 16 x 160 | 16 | 0,2 |
| 38838 | | 18 x 200 | 18 | 0,4 |
| 38839 | | 24 x 300 | 24 | 1,0 |
| 38840 | | 25 x 400 | 25 | 1,4 |
| 38841 | | 30 x 500 | 30 | 2,6 |



BOTADORES CILÍNDRICOS / PIN PUNCHES / CHASSES GOUPILLES / DURCHSCHLÄGER / PUNZONE CILINDRICO / PUNÇÕES CILÍNDRICOS / ПРОБОЙНИКИ

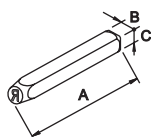



| COD. | MAT. | Ø (mm) | Ø 1 (mm) | L (mm) |  |
|-------|--------|--------|----------|--------|---|
| 38610 | SS 420 | 2 | 8 | 110 | 29 |
| 38611 | | 3 | 9 | | 38 |
| 38612 | | 4 | 10 | | 48 |
| 38613 | | 5 | 11 | 115 | 60 |
| 38614 | | 6 | 12 | | 75 |
| 38615 | | 7 | 13 | 120 | 95 |



JUEGOS DE GOLPE / PUNCHES / JEUX DE CLÉS À CHOC / DURCHSCHLÄGE / PUNZONI / JOGOS DE PANCADA / МЕТЧИКИ

■ NÚMEROS / NUMBERS / CHIFFRES / NUMMER / NUMERI / НÚMEROS / ЦИФРЫ

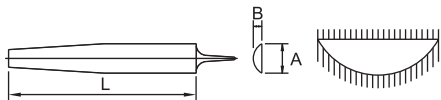


| COD. | MAT. | Altura (mm) / Height (mm) / Hauteur (mm) | A (mm) | B (mm) | C (mm) |  |
|-------|--------|--|--------|--------|--------|---|
| 38985 | SS 420 | 5,0 | 60 | 7,0 | 7,0 | 220 |



■ LIMAS / FILES / LIMES / FEILEN / LIMA / LIMAS / НАПИЛЬНИКИ

■ LIMAS MEDIA CAÑA / HALF ROUND FILES / LIMES DEMI-RONDES / HALBRUND FEILEN / LIMA MEZZATONDA / LIMAS MEIA CANA / ПОЛУОУГЛЫЙ НАПИЛЬНИК

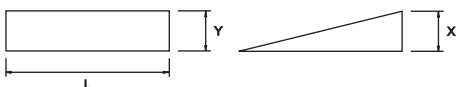


| COD. | MAT. | L (inch) | | | A (mm) | B (mm) | |
|-------|--------|----------|---|----|--------|--------|-----|
| 38300 | SS 420 | 10 | 2 | 12 | 17-26 | 5-8 | 0,5 |

2: Entrefina / Medium / Demi-douce



■ CUÑA / WEDGE / COIN / KEIL / CUNEO / CUNHA / КЛИН



| COD. | MAT. | L (mm) | Y | X | |
|-------|--------|--------|----|----|------|
| 38059 | SS 420 | 80 | 13 | 6 | 20 |
| 38060 | | 100 | | 10 | 200 |
| 38061 | | 150 | 50 | 13 | 380 |
| 38062 | | 180 | | 19 | 670 |
| 38063 | | 200 | | 12 | 470 |
| 38064 | | 250 | 40 | 30 | 1170 |
| 38065 | | 300 | 50 | 40 | 2340 |



■ PALANCA / PINCHBAR / PINCE À TALON / BRECHSTANGE / LEVA / AVALANCA / МОНИТРОВКА

| COD. | MAT. | L (mm) | |
|-------|--------|----------|-----|
| 38832 | SS 420 | 15 x 500 | 0,7 |
| 38833 | | 19 x 500 | 1,0 |
| 38834 | | 20 x 500 | 1,2 |
| 38835 | | 23 x 500 | 1,5 |
| 38836 | | 23 x 800 | 2,4 |



■ CUCHILLOS / KNIVES / COUTEAUX / MESSER / COLTELLI / FACA / НОЖИ

| COD. | MAT. | L (mm) | |
|-------|--------|-----------|-----|
| 38201 | SS 420 | 145 x 250 | 120 |



| COD. | MAT. | L (mm) | |
|-------|--------|-----------|-----|
| 39021 | SS 420 | 145 x 250 | 200 |



■ MARTILLOS / HAMMERS / MARTEAUX / HÄMMER / MARTELLI / MARTELOS / МОЛОТКИ

■ MARTILLO DE BOLA / BALL PEIN HAMMER / MARTEAU À BOULE / SCHLOSSER HAMMER / MARTELO A PALLA / MARTELO DE BOLA / МОЛОТОК С ШАРОВОЙ ГОЛОВКОЙ


| COD. | MAT. | L (mm) | |
|-------|--------|--------|-----|
| 38068 | SS 420 | 350 | 450 |



| COD. | MAT. | L (mm) | |
|-------|--------|--------|-----|
| 39022 | SS 420 | 250 | 450 |




■ **MARTILLO DE UÑA / CLAW HAMMER / MARTEAU DE CHARPENTIER / KLAUENHAMMER / MARTELLO CARPENTIERE / MARTELO DE UNHA / МОЛОТОК-ГВОЗДОДЕР**

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38913 | SS 420 | 300 | 550 |




■ **MACETA OCTOGONAL / SLEDGE Mallet / MASSETTE OCTOGONALE / SCHLAGHAMMER / MAZZETTA OTTOGONALE / MARRETA OCTOGONAL / КУВАЛДА**

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38069 | SS 420 | 350 | 1,0 |
| 38070 | | | 1,5 |
| 38071 | | | 2,0 |
| 38072 | | 800 | 2,5 |
| 38073 | | 850 | 3,0 |
| 38074 | | | 3,5 |

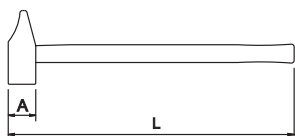



■ **MACETA CUADRADA TIPO ALEMÁN / GERMAN TYPE Mallet / MASSETTE TYPE ALLEMAND / FÄUSTEL / MAZZETTA / MARRETA / КУВАЛДА НЕМЕЦКИЙ ТИП ДЛЯ КАМНЯ**

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| 38179 | SS 420 | 400 | 1,0 |
| 38180 | | | 1,5 |
| 38181 | | | 2,0 |
| 38182 | | 900 | 2,5 |
| 38183 | | | 3,0 |
| 38184 | | | 3,5 |



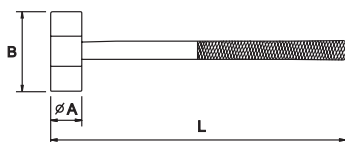
■ **MARTILLO DE EBANISTA / JOINER'S HAMMER / MARTEAU DE MENUISIER / HOLZSCHNITZERHAMMER / MARTELLO FALEGNAME / MARTELO DE PENA / СТОЛЯРНЫЙ МОЛОТОК**




| COD. | MAT. | L (mm) | A (mm) |  |
|-------|--------|--------|--------|--|
| 38075 | SS 420 | 280 | 18 | 250 |
| 38076 | | | 20 | 300 |
| 38077 | | | 22 | 350 |
| 38078 | | 300 | 25 | 500 |
| 38079 | | | 28 | 590 |
| 38080 | | 350 | 30 | 780 |



■ **MACETA DE NYLON / NYLON Mallet / MARTEAU NYLON / NYLON- HAMMER / MARTELLO DI NYLON / MARTELO DE NYLON / НЕЙЛОНОВЫЙ МОЛОТОК**



| COD. | MAT. | L (mm) | Ø A (mm) | B (mm) |  |
|-------|--------|--------|----------|--------|---|
| 38185 | SS 420 | 200 | 30 | 80 | 400 |
| 39030 | | 300 | 50 | | 1250 |



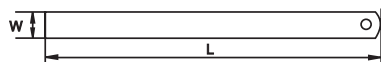
■ **ARCO DE SIERRA / HACK SAW / MONTURE DE SCIE À MÉTAUX / METALLSÄGEBOGEN / ARCHETTI / ARCOS DE SERRA / НОЖОВКА**

| COD. | MAT. |  |  |  |  |
|-------|--------|---|---|---|---|
| 38947 | SS 420 | 12" | 300 | 800 | 1 |



REGLAS SEMI-FLEXIBLES DE ACERO INOXIDABLE / STAINLESS STEEL SEMI-FLEXIBLE RULERS / RÈGLES SEMI-FLEXIBLE EN ACIER INOX / FLEXIBLES LINEAL AUS EDELSTAHL / RIGA SEMIFLESSIBILE IN ACCIAIO INOX / RÉGUA SEMI-FLÉXIVEL EM AÇO INOX / ГИБКИЕ ЛИНЕЙКИ ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ

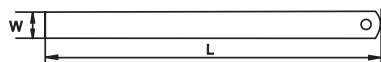
GRADUACIÓN EN MILÍMETROS / MILIMETRIC GRADUATION / GRADUATION EN MILLIMÈTRE / MM-TEILUNGEN / GRADUAZIONE IN MILLIMETRI / GRADUAÇÃO EM MILIMETROS / МЕТРИЧЕСКАЯ ШКАЛА



| COD. | MAT. | L x W (mm) | mm | g | |
|-------|--------|------------|-----|-----|---|
| 65772 | SS 420 | 150 x 18 | 0,8 | 10 | 6 |
| 65774 | | 300 x 25 | 1,0 | 20 | |
| 65834 | | 500 x 30 | 1,2 | 40 | |
| 65836 | | 600 x 30 | | 50 | |
| 65838 | | 1000 x 32 | 1,5 | 100 | |
| 65840 | | 1200 x 32 | 1,8 | 125 | |
| 65842 | | 1500 x 38 | 1,5 | 150 | |
| 65844 | | 2000 x 32 | 1,0 | 200 | |



GRADUACIÓN EN MILÍMETROS Y PULGADAS / GRADUATION IN MILLIMETERS AND INCHES / GRADUATION EN MM ET EN POUCE / INCH UND MM TEILUNGEN / GRADUAZIONE IN MM E IN POLLICI / GRADUAÇÃO EM MILIMETROS E POLEGADAS / МЕТРИЧЕСКАЯ И ДЮЙМОВАЯ ШКАЛА



| COD. | MAT. | L x W (mm) | mm | g | |
|-------|--------|------------|-----|-----|---|
| 65831 | SS 420 | 150 x 18 | 0,8 | 10 | 6 |
| 65773 | | 200 x 18 | | 12 | |
| 65833 | | 300 x 25 | 1,0 | 20 | |
| 65837 | | 600 x 30 | 1,2 | 50 | |
| 65839 | | 1000 x 32 | 1,5 | 100 | |
| 65841 | | 1200 x 32 | | 125 | |
| 65843 | | 1500 x 32 | 1,0 | 150 | |
| 65845 | | 2000 x 38 | 1,8 | 200 | |

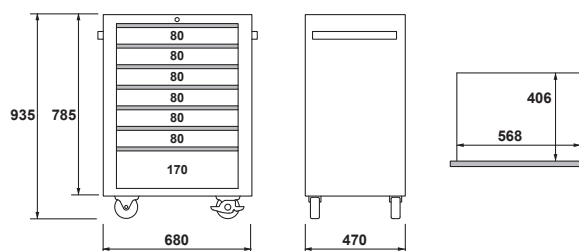


EGAMaster
 ART IN INNOVATION

ARMARIOS-CARROS DE HERRAMIENTAS 100% INOX / ROLLER CABINETS 100% INOX / SERVANTES À ROUES 100% INOX / WERKZEUGWAGEN 100% INOX / CASSETTIERE MOBILI 100% INOX / CARRO DE FERRAMENTAS 100% INOX / ШКАФЫ-ТЕЛЕЖКИ ДЛЯ ИНСТРУМЕНТОВ 100% НЕРЖАВЕЮЩАЯ СТАЛЬ



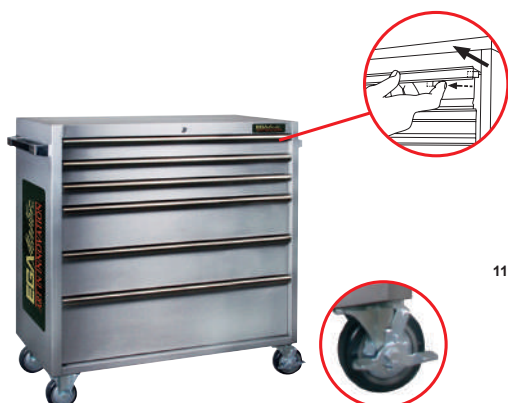
Sistema antivuelco con botón de seguridad de apertura individual por bandeja
 Anti-overn system with individual safety open button in each tray
 Système anti-renversement avec bouton de sécurité d'ouverture individuelle par tiroir



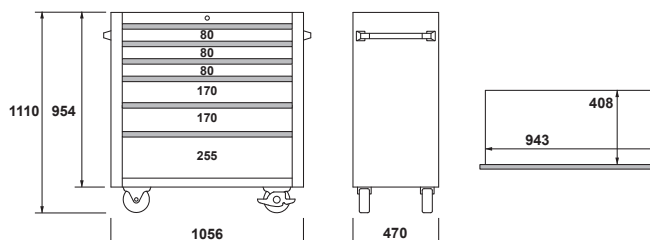
| COD. | L x W x H (mm) | Material estructura / Material structure / Structure matériaux | Kg |
|--------------|-----------------|--|----|
| 51558 | 680 x 470 x 935 | Inox 304 | 63 |

ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES

| | |
|--|--|
| Material / Material / Matière | Exterior e interior 100% INOX / Exterior and interior 100% INOX / Extérieur et intérieur 100% INOX |
| Cajones con rodamientos / Ball-bearing slides / Tiroirs à roulement | 7 |
| 2 ruedas fijas y 2 giratorias con freno / 2 fixed and 2 revolving with brake wheels / 2 roues fixes et 2 roues giratoires avec frein | 5" x 1,5" |
| Capacidad cajones de altura 80 mm / Capacity in 80 mm height drawers / Capacité des tiroirs de 80 mm de haut | 25 Kg |
| Capacidad cajones de altura 170 mm / Capacity in 170 mm height drawers / Capacité des tiroirs de 170 mm de haut | 30 Kg |
| Capacidad de carga estática total / Total static weight capacity / Capacité totale de charge statique | 320 Kg |
| Sistema de cierre centralizado / Central locking system / Système de fermeture centralisée | ● |
| Asa lateral reforzada / Reinforced side handle / Poignées latérale renforcée | ● |
| Sistema antivuelco en cada bandeja / Anti-overn system in each drawers / Système anti-renversement dans chaque tiroir | ● |



Sistema antivuelco con botón de seguridad de apertura individual por bandeja
 Anti-overflow system with individual safety open button in each tray
 Système anti-renversement avec bouton de sécurité d'ouverture individuelle par tiroir

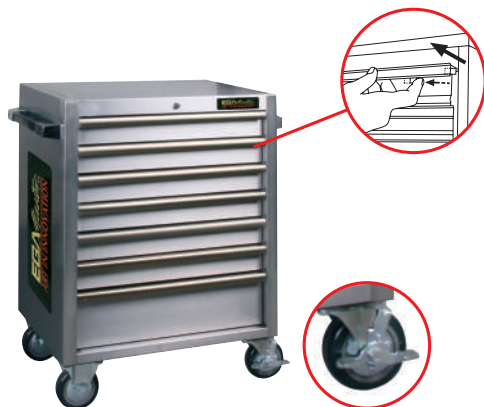


| COD. | L x W x H (mm) | Material estructura / Material structure / Structure matériaux | Kg |
|-------|-------------------|--|----|
| 51559 | 1056 x 470 x 1110 | Inox 304 | 95 |

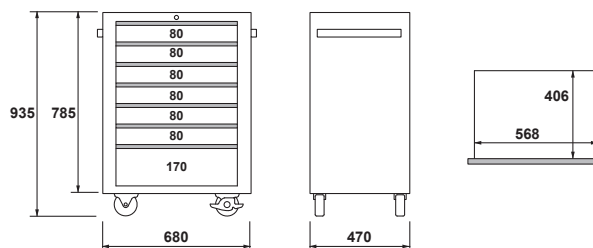
ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES

| | |
|--|--|
| Material / Material / Matière | Exterior e interior 100% INOX / Exterior and interior 100% INOX / Extérieur et intérieur 100% INOX |
| Cajones con rodamientos / Ball-bearing slides / Tiroirs à roulement | 6 |
| 2 ruedas fijas y 2 giratorias con freno / 2 fixed and 2 revolving with brake wheels / 2 roues fixes et 2 roues giratoires avec frein | 5" x 1,5" |
| Capacidad cajones de altura 80 mm / Capacity in 80 mm height drawers / Capacité des tiroirs de 80 mm de haut | 25 Kg |
| Capacidad cajones de altura 170 mm / Capacity in 170 mm height drawers / Capacité des tiroirs de 170 mm de haut | 30 Kg |
| Capacidad cajones de altura 255 mm / Capacity in 255 mm height drawers / Capacité des tiroirs de 255 mm de haut | 30 kg |
| Capacidad de carga estática total / Total static weight capacity / Capacité totale de charge statique | 500 kg |
| Sistema de cierre centralizado / Central locking system / Système de fermeture centralisée | ● |
| Asa lateral reforzada / Reinforced side handle / Poignées latérale renforcée | ● |
| Sistema antivuelco en cada bandeja / Anti-overflow system in each drawers / Système anti-renversement dans chaque tiroir | ● |

ARMARIOS-CARROS DE HERRAMIENTAS DE SUPERFICIES INOX* / INOX SURFACE ROLLER CABINETS* / SERVANTES À ROUES AVEC SURFACE INOX* / WERKZEUGWAGEN MIT INOX OBERFLÄCHE* / CASSETTIERE MOBILI PORTAUTENSILI DI SUPERFICI INOX* / ARMÁRIOS-CARROS DE FERRAMENTA DE SUPERFÍCIE INOX* / ШКАФЫ-ТЕЛЕЖКИ ДЛЯ ИНСТРУМЕНТОВ С ПОКРЫТИЕМ ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ*



Sistema antivuelco con botón de seguridad de apertura individual por bandeja
 Anti-overflow system with individual safety open button in each tray
 Système anti-renversement avec bouton de sécurité d'ouverture individuelle par tiroir



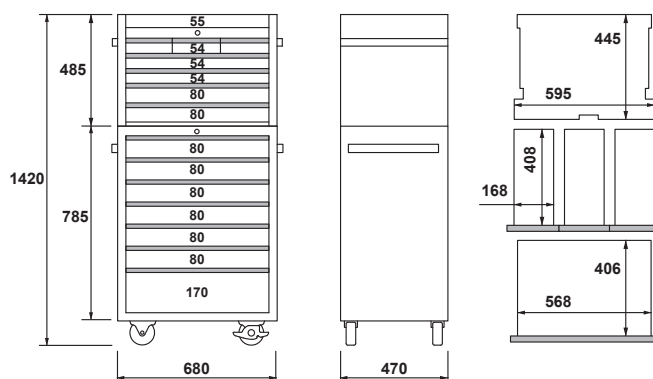
| COD. | L x W x H (mm) | Material estructura / Material structure / Structure matériaux | Material ruedas / Wheel material / Matière roues | Kg |
|-------|-----------------|--|--|----|
| 51478 | 680 x 470 x 935 | Inox 430 | Inox 304 | 63 |

ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES

| | |
|--|--|
| Material* / Material* / Matière* | Exterior 100% INOX - Interior: Acero pintado - Placa fijación ruedas: Acero / Exterior 100% INOX - Interior: Painted Steel - Wheel fixing plate: Steel / Extérieur 100% INOX - Intérieur: Acier peint - Roues de fixation: Acier |
| Cajones con rodamientos / Ball-bearing slides / Tiroirs à roulement | 7 |
| 2 ruedas fijas y 2 giratorias con freno / 2 fixed and 2 revolving with brake wheels / 2 roues fixes et 2 roues giratoires avec frein | 5" x 1,5" |
| Capacidad cajones de altura 80 mm / Capacity in 80 mm height drawers / Capacité des tiroirs de 80 mm de haut | 25 Kg |
| Capacidad cajones de altura 170 mm / Capacity in 170 mm height drawers / Capacité des tiroirs de 170 mm de haut | 30 Kg |
| Capacidad de carga estática total / Total static weight capacity / Capacité totale de charge statique | 320 Kg |
| Sistema de cierre centralizado / Central locking system / Système de fermeture centralisée | ● |
| Asa lateral reforzada / Reinforced side handle / Poignées latérale renforcée | ● |
| Sistema antivuelco en cada bandeja / Anti-overflow system in each drawers / Système anti-renversement dans chaque tiroir | ● |



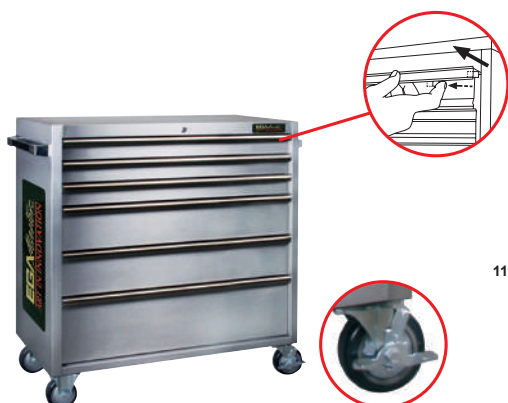
Sistema antivuelco con botón de seguridad de apertura individual por bandeja
 Anti-overturn system with individual safety open button in each tray
 Système anti-renversement avec bouton de sécurité d'ouverture individuelle par tiroir



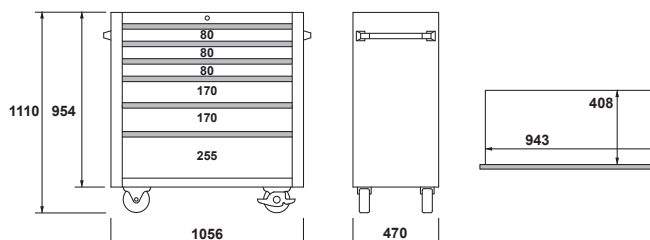
| COD. | L x W x H (mm) | Material estructura / Material structure / Structure matériaux | Material ruedas / Wheel material / Matière roues | Kg |
|-------|------------------|--|--|-----|
| 51563 | 680 x 470 x 1420 | Inox 430 | Inox 304 | 109 |

ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES

| | |
|--|--|
| Material* / Material* / Matière* | Exterior 100% INOX - Interior: Acero pintado - Placa fijación ruedas: Acero / Exterior 100% INOX - Interior: Painted Steel - Wheel fixing plate: Steel / Extérieur 100% INOX - Intérieur: Acier peint - Roues de fixation: Acier |
| Cajones con rodamientos / Ball-bearing slides / Tiroirs à roulement | 14 |
| 2 ruedas fijas y 2 giratorias con freno / 2 fixed and 2 revolving with brake wheels / 2 roues fixes et 2 roues giratoires avec frein | 5" x 1,5" |
| Capacidad cajones 168 x 408 x 54 mm / Drawer capacity 168 x 408 x 54 mm / Capacité des tiroirs de 168 x 408 x 54 mm | 15 kg |
| Capacidad cajones 568 x 408 x 54 mm / Drawer capacity 568 x 408 x 54 mm / Capacité des tiroirs de 568 x 408 x 54 mm | 25 kg |
| Capacidad cajones de altura 80 mm / Capacity in 80 mm height drawers / Capacité des tiroirs de 80 mm de haut | 25 kg |
| Capacidad cajones de altura 170 mm / Capacity in 170 mm height drawers / Capacité des tiroirs de 170 mm de haut | 30 kg |
| Capacidad de carga estática total / Total static weight capacity / Capacité totale de charge statique | 470 kg |
| Sistema de cierre centralizado / Central locking system / Système de fermeture centralisée | ● |
| Asa lateral reforzada / Reinforced side handle / Poignées latérale renforcée | ● |
| Sistema antivuelco en cada bandeja / Anti-overturn system in each drawers / Système anti-renversement dans chaque tiroir | ● |
| Tapa con doble pistón neumático / Double pneumatic absorber equipped lid / Couvercle avec double piston pneumatique | ● |



Sistema antivuelco con botón de seguridad de apertura individual por bandeja
 Anti-overflow system with individual safety open button in each tray
 Système anti-renversement avec bouton de sécurité d'ouverture individuelle par tiroir



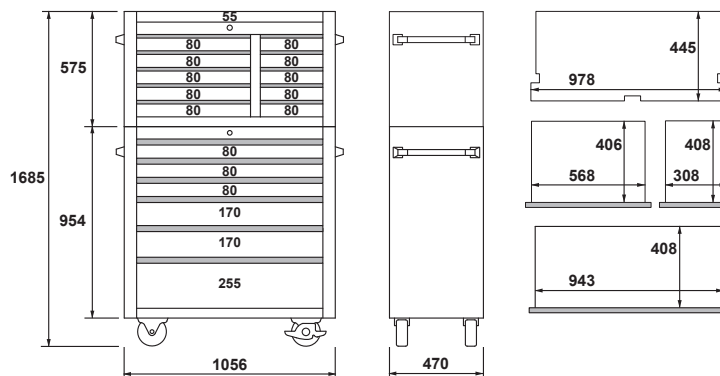
| COD. | L x W x H (mm) | Material estructura / Material structure / Structure matériaux | Material ruedas / Wheel material / Matière roues | Kg |
|--------------|-------------------|--|--|----|
| 51561 | 1056 x 470 x 1110 | Inox 430 | Inox 304 | 95 |

ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES

| | |
|--|--|
| Material* / Material* / Matière* | Exterior 100% INOX - Interior: Acero pintado - Placa fijación ruedas: Acero / Exterior 100% INOX - Interior: Painted Steel - Wheel fixing plate: Steel / Extérieur 100% INOX - Intérieur: Acier peint - Roues de fixation: Acier |
| Cajones con rodamientos / Ball-bearing slides / Tiroirs à roulement | 6 |
| 2 ruedas fijas y 2 giratorias con freno / 2 fixed and 2 revolving with brake wheels / 2 roues fixes et 2 roues giratoires avec frein | 5" x 1,5" |
| Capacidad cajones de altura 80 mm / Capacity in 80 mm height drawers / Capacité des tiroirs de 80 mm de haut | 25 Kg |
| Capacidad cajones de altura 170 mm / Capacity in 170 mm height drawers / Capacité des tiroirs de 170 mm de haut | 30 Kg |
| Capacidad cajones de altura 255 mm / Capacity in 255 mm height drawers / Capacité des tiroirs de 255 mm de haut | 30 kg |
| Capacidad de carga estática total / Total static weight capacity / Capacité totale de charge statique | 500 kg |
| Sistema de cierre centralizado / Central locking system / Système de fermeture centralisée | ● |
| Asa lateral reforzada / Reinforced side handle / Poignées latérale renforcée | ● |
| Sistema antivuelco en cada bandeja / Anti-overflow system in each drawers / Système anti-renversement dans chaque tiroir | ● |



Sistema antivuelco con botón de seguridad de apertura individual por bandeja
 Anti-tilt system with individual safety open button in each tray
 Système anti-renversement avec bouton de sécurité d'ouverture individuelle par tiroir



| COD. | L x W x H (mm) | Material estructura / Material structure / Structure matériaux | Material ruedas / Wheel material / Matière roues | Kg |
|-------|-------------------|---|--|-----|
| 51564 | 1056 x 470 x 1685 | Inox 430 | Inox 304 | 168 |

ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES

| | |
|---|--|
| Material* / Material* / Matière* | Exterior 100% INOX - Interior: Acero pintado - Placa fijación ruedas: Acero / Exterior 100% INOX - Interior: Painted Steel - Wheel fixing plate: Steel / Extérieur 100% INOX - Intérieur: Acier peint - Roues de fixation: Acier |
| Cajones con rodamientos / Ball-bearing slides / Tiroirs à roulement | 16 |
| 2 ruedas fijas y 2 giratorias con freno / 2 fixed and 2 revolving with brake wheels / 2 roues fixes et 2 roues giratoires avec frein | 5" x 1,5" |
| Capacidad cajones de altura 55 mm / Capacity in 55 mm height drawers / Capacité des tiroirs de 55 mm de haut | 30 kg |
| Capacidad cajón 568 x 406 x 80 mm / Drawer capacity 568 x 406 x 80 mm / Capacité du tiroir 568 x 406 x 80 mm | 25 kg |
| Capacidad cajón 308 x 408 x 80 mm / Drawer capacity 308 x 408 x 80 mm / Capacité du tiroir 308 x 408 x 80 mm | 25 kg |
| Capacidad cajón 943 x 408 x 80 mm / Drawer capacity 943 x 408 x 80 mm / Capacité du tiroir 943 x 408 x 80 mm | 25 Kg |
| Capacidad cajones de altura 170 mm / Capacity in 170 mm height drawers / Capacité des tiroirs de 170 mm de haut | 30 Kg |
| Capacidad cajones de altura 255 mm / Capacity in 255 mm height drawers / Capacité des tiroirs de 255 mm de haut | 30 kg |
| Capacidad de carga estática total / Total static weight capacity / Capacité totale de charge statique | 700 kg |
| Sistema de cierre centralizado / Central locking system / Système de fermeture centralisée | ● |
| Asa lateral reforzada / Reinforced side handle / Poignées latérale renforcée | ● |
| Sistema antivuelco en cada bandeja / Anti-tilt system in each drawers / Système anti-renversement dans chaque tiroir | ● |

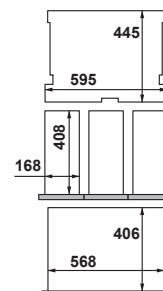
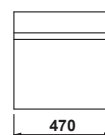
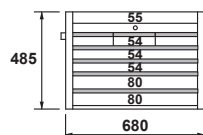
COFRES PORTAHERRAMIENTAS DE SUPERFICIES INOX* / INOX SURFACE TOOL CHEST* / COFFRE À TIROIRS AVEC SURFACE INOX* / WERKSTATTKASTEN MIT INOX OBERFLÄCHE* / CASSETTI PORTAUTENSILI DI SUPERFICI INOX* / BAÚ PORTA-FERRAMENTAS DE SUPERFÍCIE INOX* / ПОРТАТИВНЫЕ ЯЩИКИ С ПОКРЫТИЕМ ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ*



Sistema antivuelco con botón de seguridad de apertura individual por bandeja

Anti-overtum system with individual safety open button in each tray

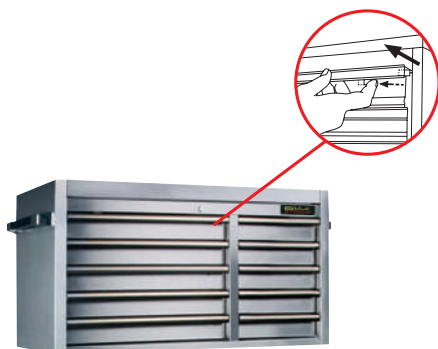
Système anti-renversement avec bouton de sécurité d'ouverture individuelle par tiroir



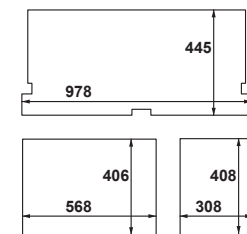
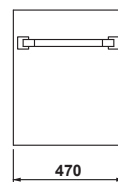
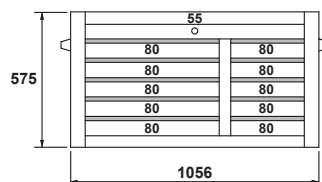
| COD. | L x W x H (mm) | Material estructura / Material structure / Structure matériaux | Kg |
|--------------|-----------------|--|------|
| 51560 | 680 x 470 x 485 | Inox 430 | 45,5 |

ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES

| | |
|---|---|
| Material* / Material* / Matière* | Exterior: 100% INOX – Interior: Acero pintado / Exterior 100% INOX – Interior: Painted Steel / Extérieur 100% INOX - Intérieur: Acier peint |
| Cajones con rodamientos / Ball-bearing slides / Tiroirs à roulement | 7 |
| Capacidad cajones de altura 55 mm / Capacity in 55 mm height drawers / Capacité des tiroirs de 55 mm de haut | 20 kg |
| Capacidad cajones 168 x 408 x 54 mm / Drawer capacity 168 x 408 x 54 mm / Capacité des tiroirs de 168 x 408 x 54 mm | 15 kg |
| Capacidad cajones 568 x 408 x 54 mm / Drawer capacity 568 x 408 x 54 mm / Capacité des tiroirs de 568 x 408 x 54 mm | 25 kg |
| Capacidad cajones de altura 80 mm / Capacity in 80 mm height drawers / Capacité des tiroirs de 80 mm de haut | 25 kg |
| Capacidad de carga estática total / Total static weight capacity / Capacité totale de charge statique | 150 kg |
| Sistema de cierre centralizado / Central locking system / Système de fermeture centralisée | ● |
| Asa lateral reforzada / Reinforced side handle / Poignées latérale renforcée | ● |
| Sistema antivuelco en cada bandeja / Anti-overtum system in each drawers / Système anti-renversement dans chaque tiroir | ● |
| Tapa con doble pistón neumático / Double pneumatic absorber equipped lid / Couvercle avec double piston pneumatique | ● |



Sistema antivuelco con botón de seguridad de apertura individual por bandeja
 Anti-overturn system with individual safety open button in each tray
 Système anti-renversement avec bouton de sécurité d'ouverture individuelle par tiroir



| COD. | L x W x H (mm) | Material estructura / Material structure / Structure matériaux | Kg |
|--------------|------------------|--|----|
| 51562 | 1056 x 470 x 575 | Inox 430 | 95 |

ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES


| | |
|--|---|
| Material* / Material* / Matière* | Exterior: 100% INOX – Interior: Acero pintado / Exterior 100% INOX – Interior: Painted Steel / Extérieur 100% INOX - Intérieur: Acier peint |
| Cajones con rodamientos / Ball-bearing slides / Tiroirs à roulement | 10 |
| Capacidad cajones de altura 55 mm / Capacity in 55 mm height drawers / Capacité des tiroirs de 55 mm de haut | 30 kg |
| Capacidad cajón 308 x 408 x 80 mm / Drawer capacity 308 x 408 x 80 mm / Capacité du tiroir 308 x 408 x 80 mm | 25 kg |
| Capacidad cajón 568 x 406 x 80 mm / Drawer capacity 568 x 406 x 80 mm / Capacité du tiroir 568 x 406 x 80 mm | 25 kg |
| Capacidad de carga estática total / Total static weight capacity / Capacité totale de charge statique | 200 kg |
| Sistema de cierre centralizado / Central locking system / Système de fermeture centralisée | ● |
| Asa lateral reforzada / Reinforced side handle / Poignées latérale renforcée | ● |
| Sistema antivuelco en cada bandeja / Anti-overturn system in each drawers / Système anti-renversement dans chaque tiroir | ● |

BE SAFE...BE EFFICIENT

■ SS 304


■ ALICATES / PLIERS / PINCES / ZANGEN / PINZE / ALICATES / ПЛОСКОГУБЦЫ

■ UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / УНИВЕРСАЛЬНЫЕ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| I0001 | SS 304 | 150 | 180 |
| I0002 | | 175 | 350 |
| I0003 | | 200 | 470 |




■ BOCA PLANA / FLAT NOSE / BEC PLATS / FLACHZANGEN / BECCHI PIATTI / PONTAS CHATAS / УТКОНОСЫ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| I0004 | SS 304 | 150 | 195 |




■ BOCA REDONDA / ROUND NOSE / BECS ROUNDS / RUNDZANGEN / BECCHI TONDI / PONTAS REDONDAS / КРУГЛОГУБЦЫ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| I0005 | SS 304 | 150 | 145 |




■ TELEFONISTA / LONG NOSE / TÉLÉPHONE / TELEFONZANGEN / TELEFONISTI / TELEFONISTA / СУДЛИННЕННЫМИ НОСАМИ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|--|
| I0006 | SS 304 | 150 | 190 |
| I0007 | | 200 | 340 |




■ TELEFONISTA BOCA CURVA / BENT NOSE PLIERS / TÉLÉPHONE BECS COUDÉS / TELEFONZANGEN GEBOGEN / TELEFONISTI BECCHI PIEGATI / TELEFONISTA PONTAS CURVAS / С ИЗОГНУТЫМИ НОСАМИ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| I0008 | SS 304 | 150 | 185 |
| I0009 | | 200 | 320 |




■ CORTE DIAGONAL / DIAGONAL CUTTING PLIERS / COUPANTES DIAGONALES / SEITENSCHNEIDER / TAGLIO LATERALE / CORTE DIAGONAL / УДЛИНЕННЫЕ ТОНКИЕ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| I0010 | SS 304 | 150 | 250 |
| I0011 | | 200 | 410 |




■ CORTE DIAGONAL REFORZADO / HEAVY DUTY CUTTING NIPPERS / COUPANTES RENFORCEÉS / VERSTÄRKTER SEITENSCHNEIDER / TAGLIO LATERALE RINFORZATO / CORTE DIAGONAL REFORÇADO / УСИЛЕННЫЕ БОКОРЕЗЫ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| I0012 | SS 304 | 180 | 190 |
| I0013 | | 200 | 230 |




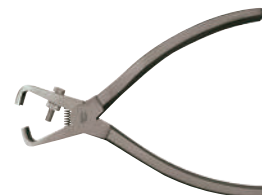
■ CORTE FRONTAL / END CUTTING NIPPER / COUPANTES DEVANT / VORSCHNEIDER / TAGLIO FRONTALE / CORTE FRONTAL / КЛЕЩИ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| I0014 | SS 304 | 180 | 280 |




■ PELACABLES / WIRESTRIPPER / PINCES À DÉNUDER / ABISOLIERZANGEN / PINZE SPELAFILI / DECAPADORES / КЛЕЩИ ДЛЯ ЗАЧИСТКИ КОНТАКТОВ

| COD. | MAT. | L (mm) |  |
|-------|--------|--------|---|
| I0017 | SS 304 | 170 | 200 |



■ TENAZAS / PINCERS / TENAILLES / ZANGE / TENAGLIE / ALICATES / КЛЕЩИ

■ DE CANAL / BOX JOINT / MULTIPRISE ENTREPASSÉE / WASSERPUMPENZANGE / PINZE REGOLABILI / BICO DE PAPAGAIO / ШАРНИРНЫЕ

| COD. | MAT. | L (inch) |  |
|-------|--------|----------|---|
| I0026 | SS 304 | 10 | 440 |
| I0027 | | 12 | 700 |




■ PICO DE LORO / GROOVE JOINT / MULTIPRISE À CRÉMAILLÈRE / WASSERPUMPENZANGE / PINZE REGOLABILI / BICO DE PAPAGAIO / КЛЕЩИ ЖЕЛОБОВОГО ТИПА

| COD. | MAT. | L (inch) |  |
|-------|--------|----------|---|
| I0028 | SS 304 | 10 | 410 |
| I0029 | | 12 | 650 |





■ GRIP / GRIP / PINCE ÉTAU / GRIPZANGE / PINZE GRIP / PRESSÃO / СТРУБЦИНА

| COD. | MAT. | L (inch) |  |
|-------|--------|----------|--|
| I0030 | SS 304 | 10 | 480 |





■ LLAVES / WRENCHES / CLÉS / SCHLÜSSEL / CHIAVI / CHAVES / КЛЮЧИ

■ LLAVE AJUSTABLE / ADJUSTABLE WRENCH / CLÉ À MOLETTE / ROLLGABELSCHÜSSEL / CHIAVE REGOLABILI A RULLINO / CHAVE AJUSTAVEL / РАЗВОДНЫЕ КЛЮЧИ

| COD. | MAT. | L (inch) | L (mm) |  |  |
|-------|--------|----------|--------|---|---|
| I0031 | SS 304 | 6 | 150 | 18 | 145 |
| I0032 | | 8 | 200 | 24 | 270 |
| I0033 | | 10 | 250 | 30 | 410 |
| I0034 | | 12 | 300 | 36 | 650 |
| I0035 | | 15 | 375 | 46 | 1450 |
| I0036 | | 18 | 450 | 55 | 2050 |
| I0037 | | 24 | 600 | 65 | 4700 |



■ LLAVES FIJAS / OPEN-END WRENCHES / CLÉS À FOURCHE / GABELSCHLÜSSEL / CHIAVI FISSE / CHAVES DUAS BOCAS / РОЖКОВЫЕ КЛЮЧИ

| COD. | MAT. |  | L (mm) |  |
|-------|--------|---|--------|--|
| I0894 | SS 304 | 5,5-7 | 90 | 25 |
| I0038 | | 6-7 | | |
| I0039 | | 8-9 | 100 | 34 |
| I0040 | | 10-11 | 115 | 60 |
| I0041 | | 12-13 | 130 | 75 |
| I0042 | | 14-15 | 140 | 120 |
| I0043 | | 16-17 | 155 | 130 |
| I0044 | | 18-19 | 165 | 150 |
| I0045 | | 19-22 | 185 | 220 |
| I0046 | | 20-22 | 195 | 250 |
| I0047 | | 21-23 | 200 | 280 |
| I0048 | | 22-24 | 210 | 310 |
| I0049 | | 24-26 | 220 | 330 |
| I0050 | | 24-27 | 230 | 350 |
| I0051 | | 25-28 | | 370 |
| I0052 | | 27-29 | 240 | |
| I0053 | | 27-30 | 250 | 490 |
| I0054 | | 30-32 | 270 | 600 |



| COD. | MAT. | AP mm | L (mm) | g |
|-------|--------|-------|--------|------|
| I0055 | SS 304 | 27-32 | 270 | 490 |
| I0056 | | 32-36 | 300 | 900 |
| I0057 | | 36-41 | 330 | 1350 |
| I0058 | | 38-42 | | |

■ **FIJA UNA BOCA / SINGLE ENDED OPEN JAW SPANNER / À FOURCHE SIMPLE / EINMAULSCHLÜSSEL / FISSE SEMPLICE / FIXA DE UMA BOCA / ОДНОРОЖКОВЫЙ КЛЮЧ**

N!

| COD. | MAT. | AP mm | L (mm) | g |
|-------|--------|-------|--------|------|
| I0059 | SS 304 | 4 | 80 | 18 |
| I0060 | | 5 | | |
| I0061 | | 5,5 | | |
| I0927 | | 6 | | |
| I0062 | | 7 | | |
| I0895 | | 8 | 95 | 40 |
| I0063 | | 10 | | |
| I0064 | | 12 | 125 | 65 |
| I0896 | | 13 | | |
| I0065 | | 14 | 140 | 95 |
| I0066 | | 16 | | |
| I0067 | | 17 | 160 | 105 |
| I0068 | | 18 | | |
| I0069 | | 19 | 170 | 130 |
| I0897 | | 22 | | |
| I0070 | | 24 | 220 | 190 |
| I0071 | | 27 | | |
| I0072 | | 30 | 260 | 320 |
| I0073 | | 32 | | |
| I0898 | | 33 | 280 | 400 |
| I0074 | | 34 | | |
| I0075 | | 36 | 310 | 550 |
| I0076 | | 41 | | |
| I0077 | | 46 | 380 | 950 |
| I0078 | | 50 | | |
| I0079 | | 55 | 450 | 1500 |
| I0080 | | 60 | | |
| I0081 | | 65 | 550 | 2950 |
| I0082 | | 70 | | |
| I0083 | | 75 | 600 | 3700 |



■ **LLAVES COMBINADAS / COMBINATION WRENCHES / CLÉS MIXTES / GABEL RINGSCHLÜSSEL / CHIAVI COMBinate / CHAVES BOCA E LUNETA / КОМБИНИРОВАННЫЕ КЛЮЧИ**

■ MM

N!

| COD. | MAT. | AP mm | L (mm) | g |
|-------|--------|-------|--------|-----|
| I0084 | SS 304 | 6 | 105 | 18 |
| I0085 | | 7 | 120 | 40 |
| I0086 | | 8 | | |
| I0087 | | 9 | 135 | 45 |
| I0088 | | 10 | | |
| I0089 | | 11 | 150 | 65 |
| I0090 | | 12 | | |
| I0091 | | 13 | 175 | 90 |
| I0092 | | 14 | | |
| I0093 | | 15 | | |
| I0094 | | 16 | 195 | 140 |
| I0095 | | 17 | | |
| I0096 | | 18 | | |
| I0097 | | 19 | 220 | 180 |
| I0098 | | 20 | | |
| I0099 | | 21 | 250 | 280 |
| I0100 | | 22 | | |



| COD. | MAT. | AP mm | L (mm) | g |
|-------|--------|-------|--------|------|
| I0101 | SS 304 | 23 | 270 | 320 |
| I0102 | | 24 | | |
| I0103 | | 25 | | |
| I0104 | | 26 | 290 | 430 |
| I0105 | | 27 | | |
| I0106 | | 28 | | |
| I0107 | | 29 | 320 | 550 |
| I0108 | | 30 | | |
| I0109 | | 32 | | |
| I0110 | | 36 | 360 | 950 |
| I0111 | | 46 | 430 | 1500 |
| I0112 | | 50 | 500 | 2000 |
| I0113 | | 56 | 550 | |

INCH

N!

| COD. | MAT. | AP inch | L (mm) | g |
|-------|--------|---------|--------|------|
| I0114 | SS 304 | 1/4 | 120 | 40 |
| I0115 | | 5/16 | | |
| I0116 | | 11/32 | | |
| I0117 | | 3/8 | 135 | 45 |
| I0118 | | 13/32 | | |
| I0119 | | 7/16 | | |
| I0120 | | 1/2 | 175 | 90 |
| I0121 | | 9/16 | | |
| I0122 | | 5/8 | | |
| I0123 | | 11/16 | 220 | 180 |
| I0124 | | 3/4 | | |
| I0125 | | 13/16 | | |
| I0126 | | 25/32 | 250 | 280 |
| I0127 | | 7/8 | | |
| I0128 | | 15/16 | | |
| I0129 | | 31/32 | 270 | 320 |
| I0130 | | 1 | | |
| I0131 | | 1.1/16 | | |
| I0132 | | 1.1/8 | 320 | 550 |
| I0133 | | 1.3/16 | | |
| I0134 | | 1.1/4 | | |
| I0135 | | 1.3/8 | 360 | 950 |
| I0136 | | 1.1/2 | 430 | 1300 |



LLAVE COMBINADA DE CARRACA / COMBINATION RATCHET WRENCH / CLÉ MIXTE À CLIQUET / RATSCHEN-RINGGABELSCHLÜSSEL / CHIAVE COMBINATA A CRICCO / CHAVE DE BOCA E LUNETA COM ROQUETE / КЛЮЧ ТРЕЩЕТОЧНЫЙ КОМБИНИРОВАННЫЙ

N!

| COD. | MAT. | AP mm | L (mm) | g |
|-------|--------|-------|--------|-----|
| I0137 | SS 304 | 10 | 165 | 125 |
| I0899 | | 11 | 175 | 150 |
| I0900 | | 12 | | |
| I0901 | | 14 | 190 | 180 |
| I0902 | | 15 | 220 | 280 |
| I0138 | | 17 | | |
| I0903 | | 18 | 240 | 350 |
| I0139 | | 19 | | |
| I0904 | | 20 | 270 | 470 |
| I0140 | | 24 | 290 | 550 |
| I0141 | | 27 | 320 | 700 |



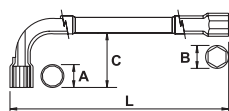
LLAVES ACODADAS / DOUBLE OFFSET RING WRENCHES / CLÉS POLYGONALES CONTRE-COUDÉES / RINGSCHLÜSSEL / CHIAVI POLIGONALI / CHAVES LUNETA / КЛЮЧИ ДВОЙНАЯ ИЗОГНУТАЯ ЗВЕЗДОЧКА

N!






| COD. | MAT. | AP mm | L (mm) | g |
|-------|--------|-------|--------|-----|
| I0142 | SS 304 | 6-7 | 95 | 25 |
| I0143 | | 8-9 | 115 | 32 |
| I0144 | | 10-11 | 125 | 37 |
| I0905 | | 10-13 | 140 | 55 |
| I0145 | | 12-13 | 145 | 70 |
| I0146 | | 14-15 | 165 | 100 |
| I0147 | | 16-17 | 170 | 120 |
| I0148 | | 18-19 | 185 | 130 |
| I0149 | | 20-22 | 200 | 180 |
| I0150 | | 21-23 | 220 | 240 |
| I0151 | | 24-26 | 230 | 320 |
| I0152 | | 25-28 | 270 | 390 |
| I0153 | | 30-32 | 300 | 470 |
| I0154 | | 32-36 | 330 | 600 |
| I0155 | | 38-42 | 370 | 950 |



LLAVES DE PIPA ABIERTAS / ANGLED OPEN SOCKETS / CLÉS À PIPE DEBOUCHEES / PFEIFENKOPFSCHLÜSSEL / CHIAVI A PIPA APERTE / DE CACHIMBO ABERTAS / КЛЮЧ С ИЗОГНУТЫМИ ГОЛОВКАМИ



N!

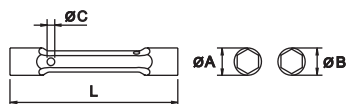
| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) |  |  |  |
|-------|--------|---|--------|--------|--------|--------|---|---|---|
| I0156 | SS 304 | 6 | 100 | 11 | 11 | 38 | 60 | 6 |  |
| I0157 | | 7 | 110 | 13 | 13 | 42 | 75 | | |
| I0158 | | 8 | 115 | 14 | 14 | 46 | 95 | | |
| I0159 | | 10 | 130 | 16 | 16 | 50 | 135 | | |
| I0160 | | 13 | 160 | 20 | 20 | 55 | 240 | | |
| I0161 | | 16 | 190 | 25 | 25 | 70 | 370 | | |
| I0162 | | 17 | | 26 | 26 | | | | |
| I0163 | | 18 | 200 | 27 | 27 | 75 | 530 | | |
| I0164 | | 19 | | 28 | 28 | | | | |
| I0165 | | 22 | 230 | 32 | 32 | 90 | 700 | | |
| I0166 | | 24 | 250 | 36 | 36 | 100 | 770 | | |



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

12 x 6

DE TUBO DOBLE BOCA / SOCKET DOUBLE ENDED WRENCH / CLÉ À TUBE FORGÉE DROITE / DOPPEL-STECKSCHLÜSSEL / CHIAVI A TUBO / DIRITTE TUBOLARES BOCA DUPLA / ДВОЙНАЯ ГОЛОВКА



N!

| COD. | MAT. | AP mm | L (mm) | A (mm) | B (mm) | C (mm) | g |
|-------|--------|-------|--------|--------|--------|--------|-----|
| I0167 | SS 304 | 6-7 | 105 | 11 | 12 | 4 | 65 |
| I0168 | | 8-9 | 115 | 13 | 15 | | 85 |
| I0169 | | 7-10 | 120 | 17 | 16 | | 105 |
| I0170 | | 10-11 | | | 18 | | |
| I0171 | | 12-13 | 140 | 19 | 21 | 6 | 160 |
| I0172 | | 14-15 | | 22 | 23 | 7 | 240 |
| I0173 | | 16-17 | 155 | 24 | 26 | 8 | 420 |
| I0174 | | 18-19 | 165 | 28 | 29 | 9 | 500 |
| I0175 | | 20-22 | 175 | 30 | 32 | | 600 |
| I0176 | | 21-23 | 185 | 31 | 33 | 11 | 650 |



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | g |
|-------|--------|-------|--------|--------|--------|--------|------|
| I0177 | SS 304 | 24-26 | 195 | 35 | 37 | 12 | 850 |
| I0178 | | 24-27 | | | | | |
| I0179 | | 25-28 | 210 | 36 | 39 | 13 | 900 |
| I0180 | | 27-29 | | | | | |
| I0181 | | 30-32 | 220 | 42 | 45 | 14 | 1000 |

LLAVE HEAVY DUTY / HEAVY DUTY PIPE WRENCH / CLÉ SERRE-TUBES HEAVY DUTY / HEAVY DUTY ROHRZANGE / GIRATUBI MODELLO AMERICANO PESANTE / CHAVE HEAVY DUTY / ТРУБНЫЕ КЛЮЧИ ДЛЯ БОЛЬШИХ НАГРУЗОК

N!

| COD. | MAT. | L (inch) | CAP. (inch) | Kg |
|-------|--------|----------|-------------|------|
| I0182 | SS 304 | 6 | 3/4 | 320 |
| I0183 | | 8 | 1 | 420 |
| I0184 | | 10 | 1.1/4 | 750 |
| I0185 | | 12 | 1.1/2 | 1050 |
| I0186 | | 14 | 2 | 1300 |
| I0187 | | 18 | 2.1/2 | 2250 |
| I0188 | | 24 | 3 | 3600 |



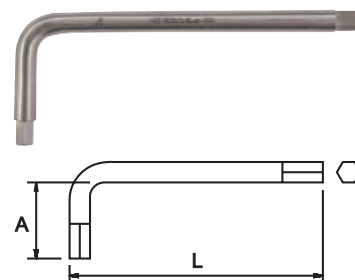
LLAVES HEXAGONALES / HEXAGONAL KEYS / CLÉS MÂLES / INBUSSCHLÜSSEL / CHIAVI ESAGONALI / CHAVES HEXAGONAIS / ШЕСТИГРАННЫЕ КЛЮЧИ

STANDARD

MM

N!

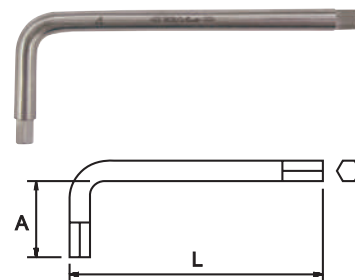
| COD. | MAT. | AF mm | L (mm) | A (mm) | g |
|-------|--------|-------|--------|--------|-----|
| I0189 | SS 304 | 1,5 | 60 | 22 | 8,0 |
| I0190 | | 2 | | | |
| I0191 | | 2,5 | | | |
| I0192 | | 3 | | | |
| I0193 | | 3,5 | 65 | 23 | 10 |
| I0194 | | 4 | | 26 | |
| I0195 | | 4,5 | 70 | 27 | 16 |
| I0196 | | 5 | 80 | 28 | |
| I0197 | | 6 | 85 | 32 | 25 |
| I0198 | | 7 | 90 | 37 | 34 |
| I0199 | | 8 | | | 50 |
| I0200 | | 9 | 95 | 36 | 60 |
| I0201 | | 10 | 110 | | 80 |
| I0202 | | 11 | 120 | 38 | 100 |
| I0203 | | 12 | 130 | 41 | 145 |
| I0204 | | 14 | 150 | 46 | 210 |
| I0205 | | 17 | 170 | 50 | 370 |



INCH

N!

| COD. | MAT. | AF inch | L (mm) | A (mm) | g |
|-------|--------|---------|--------|--------|-----|
| I0206 | SS 304 | 1/16 | 60 | 22 | 8,0 |
| I0207 | | 5/64 | | | |
| I0208 | | 3/32 | | | |
| I0986 | | 7/64 | | | |
| I0209 | | 1/8 | 65 | 23 | 10 |
| I0210 | | 9/64 | | | |
| I0211 | | 5/32 | 80 | 26 | 16 |
| I0212 | | 3/16 | 85 | 28 | |
| I0213 | | 7/32 | 90 | 32 | 25 |
| I0214 | | 1/4 | | | |
| I0987 | | 9/32 | 90 | 37 | 30 |
| I0215 | | 5/16 | | | 50 |
| I0988 | | 11/32 | 100 | 37 | 60 |
| I0216 | | 3/8 | 110 | | 85 |
| I0989 | | 7/16 | 120 | 38 | 100 |

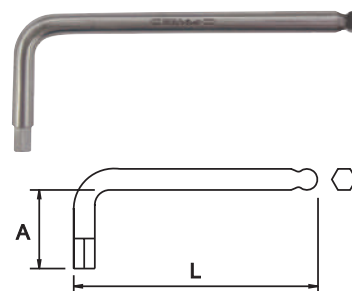


| COD. | MAT. | AF $\frac{inch}{mm}$ | L (mm) | A (mm) | g |
|-------|--------|----------------------|--------|--------|-----|
| I0990 | SS 304 | 1/2 | 140 | 43 | 160 |

STANDARD CON PUNTA DE BOLA / STANDARD BALLPOINT / STANDARD EMBOUT SPHÉRIQUE / KUGELKOPF- WINKELSCHRAUBER / STANDARD CON PUNTA A SFERA / STANDARD COM BOLA / СТАНДАРТНЫЙ С ШАРИКОВОЙ ГОЛОВКОЙ

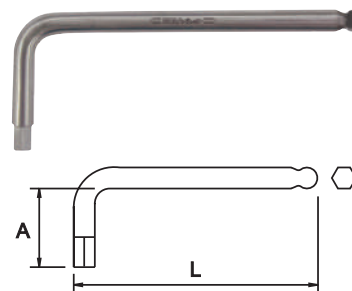
MM

| COD. | MAT. | AF $\frac{mm}{mm}$ | L (mm) | A (mm) | g |
|-------|--------|--------------------|--------|--------|-----|
| I0217 | SS 304 | 1,5 | 50 | 16 | 3,0 |
| I0218 | | 2,5 | 55 | 18 | 4,0 |
| I0219 | | 3 | 65 | 20 | 5,0 |
| I0220 | | 4 | 70 | 25 | 12 |
| I0221 | | 6 | 90 | 32 | 30 |
| I0222 | | 10 | 110 | 40 | 100 |



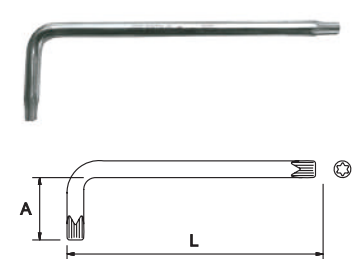
INCH

| COD. | MAT. | AF $\frac{inch}{inch}$ | L (mm) | A (mm) | g |
|-------|--------|------------------------|--------|--------|-----|
| I0223 | SS 304 | 1/16 | 50 | 13 | 3,0 |
| I0224 | | 5/64 | 55 | 16 | 4,0 |
| I0225 | | 3/32 | 55 | 18 | 4,0 |
| I0226 | | 7/64 | 65 | 20 | 5,0 |
| I0227 | | 1/8 | 65 | 20 | 5,0 |
| I0228 | | 9/64 | 70 | 25 | 12 |
| I0229 | | 5/32 | 70 | 25 | 12 |
| I0230 | | 3/16 | 80 | 28 | 22 |
| I0231 | | 7/32 | 90 | 32 | 30 |
| I0232 | | 1/4 | 90 | 32 | 30 |
| I0233 | | 5/16 | 100 | 36 | 55 |
| I0234 | | 3/8 | 110 | 40 | 100 |
| I0235 | | 1/2 | 135 | 48 | 250 |



SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

| COD. | MAT. | AF $\frac{mm}{mm}$ | L (mm) | A (mm) | g |
|-------|--------|--------------------|--------|--------|-----|
| I0906 | SS 304 | 2 | 75 | 18 | 8,0 |
| I0236 | | 2,5 | 85 | 21 | 9,0 |
| I0237 | | 3 | 95 | 23 | 10 |
| I0238 | | 3,5 | 100 | 26 | 13 |
| I0239 | | 4 | 105 | 29 | 14 |
| I0240 | | 5 | 120 | 33 | 22 |
| I0241 | | 6 | 140 | 38 | 37 |
| I0242 | | 7 | 145 | 41 | 48 |
| I0243 | | 8 | 160 | 44 | 70 |
| I0244 | | 9 | 170 | 47 | 100 |
| I0245 | | 10 | 180 | 50 | 125 |
| I0246 | | 11 | 190 | 55 | 155 |
| I0247 | | 12 | 200 | 55 | 210 |

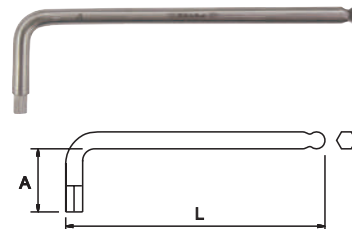


BOLA SERIE LARGA / LONG PATTERN BALLPOINT / SÉRIE LONGUE À TÊTE SPHÉRIQUE / KUGELKOPF- INBUSSCHLÜSSEL / SERIE LUNGA CON TESTA SFERICA / ESFERICAS, SERIE LONGA / ДЛИННЫЙ С ШАРОВОЙ ГОЛОВКОЙ

MM

N!

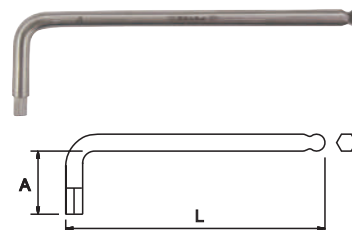
| COD. | MAT. | AF mm | L (mm) | A (mm) | g |
|-------|--------|-------|--------|--------|-----|
| I0248 | SS 304 | 1,5 | 65 | 16 | 3,7 |
| I0249 | | 2 | 75 | 18 | 4,5 |
| I0250 | | 2,5 | 85 | 21 | 6,5 |
| I0251 | | 3 | 95 | 23 | 8,0 |
| I0252 | | 3,5 | 100 | 26 | 12 |
| I0253 | | 4 | 105 | 29 | 15 |
| I0975 | | 4,5 | | | 22 |
| I0254 | | 5 | 120 | 33 | 28 |
| I0255 | | 5,5 | 130 | 36 | 34 |
| I0256 | | 6 | 140 | 38 | 41 |
| I0257 | | 7 | 145 | 41 | 65 |
| I0258 | | 8 | 160 | 44 | 76 |
| I0259 | | 9 | 170 | 47 | 105 |
| I0260 | | 10 | 180 | 50 | 140 |
| I0261 | | 11 | 190 | 55 | 190 |
| I0262 | | 12 | 200 | | 250 |
| I0263 | | 14 | 230 | | 380 |
| I0264 | | 17 | 260 | 80 | 550 |



INCH

N!



| COD. | MAT. | AF inch | L (mm) | A (mm) | g |
|-------|--------|---------|--------|--------|-----|
| I0265 | SS 304 | 1/16 | 65 | 16 | 3,7 |
| I0266 | | 5/64 | 75 | 18 | 4,5 |
| I0267 | | 3/32 | 85 | 21 | 6,5 |
| I0268 | | 7/64 | 95 | 23 | 8,0 |
| I0269 | | 1/8 | | | |
| I0270 | | 9/64 | 100 | 26 | 12 |
| I0271 | | 5/32 | 105 | 29 | 15 |
| I0272 | | 3/16 | 120 | 33 | 28 |
| I0273 | | 7/32 | 130 | 36 | 34 |
| I0274 | | 1/4 | 140 | 38 | 41 |
| I0275 | | 5/16 | 160 | 44 | 75 |
| I0276 | | 3/8 | | | |
| I0277 | | 1/2 | 200 | 55 | 250 |

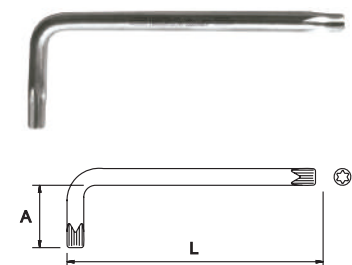


TORX®

STANDARD



N!

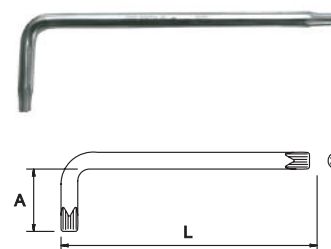
| COD. | MAT. |  | L (mm) | A (mm) |  |
|-------|--------|---|--------|--------|--|
| I0278 | SS 304 | T-6 | 42 | 16 | 7,5 |
| I0279 | | T-7 | | | |
| I0280 | | T-8 | | | |
| I0281 | | T-9 | | | |
| I0282 | | T-10 | 50 | 17 | |
| I0283 | | T-15 | 55 | 18 | 9,5 |
| I0284 | | T-20 | | 20 | 13 |
| I0285 | | T-25 | 60 | 21 | 17 |
| I0286 | | T-27 | 65 | | 19 |
| I0287 | | T-30 | 70 | 24 | 29 |
| I0288 | | T-35 | 75 | 25 | 33 |
| I0289 | | T-40 | | 26 | 29 |
| I0290 | | T-45 | 85 | 29 | 48 |
| I0291 | | T-50 | 95 | 32 | 70 |



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■ **SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ**

| COD. | MAT. |  | L (mm) | A (mm) |  |
|-------|--------|---|--------|--------|---|
| I0292 | SS 304 | T-6 | 65 | 16 | 10 |
| I0293 | | T-7 | 70 | | |
| I0294 | | T-8 | | | |
| I0295 | | T-9 | 75 | 17 | 11 |
| I0296 | | T-10 | | | |
| I0297 | | T-15 | 80 | 18 | 13 |
| I0298 | | T-20 | | 20 | 17 |
| I0299 | | T-25 | 85 | 21 | 25 |
| I0300 | | T-27 | | 24 | 35 |
| I0301 | | T-30 | 90 | 25 | 40 |
| I0302 | | T-35 | 95 | 26 | 48 |
| I0303 | | T-40 | 100 | 29 | 60 |
| I0304 | | T-45 | 115 | 32 | 85 |
| I0305 | | T-50 | 125 | | |

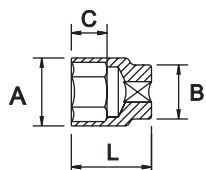




■ **LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE DOPPEN / CHAVES DE CAIXA / ГОЛОВКИ**

■ 1/4"

■ STANDARD

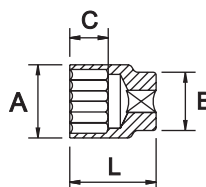
■ MM - 6 PT.





| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|---|
| I0306 | SS 304 | 4 | 25 | 12 | 9,0 | 11 | 6 | 17 |
| I0307 | | 5 | | | 9,5 | | | |
| I0308 | | 6 | | | 11 | | | |
| I0309 | | 7 | | | 12 | | | |
| I0310 | | 8 | | | 13 | | | |
| I0311 | | 9 | 26 | 16 | 14 | 14 | 6 | 22 |
| I0312 | | 10 | | | 15 | | | |
| I0313 | | 11 | | | 16 | | | |
| I0314 | | 12 | | | 17 | | | |
| I0315 | | 13 | | | 18 | | | |
| I0316 | | 14 | 27 | | 19 | 15 | | 35 |
| I0923 | | 17 | | | 23 | | | |



■ MM - 12 PT.



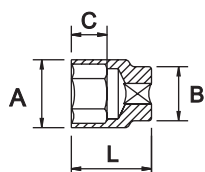
| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|---|
| I0317 | SS 304 | 4 | 25 | 12 | 9,0 | 11 | 12 | 17 |
| I0318 | | 5 | | | 9,5 | | | |
| I0319 | | 6 | | | 11 | | | |
| I0320 | | 7 | | | 12 | | | |






* Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US) / *For screws TORX® (Acument Intellectual Properties, LLC, Troy, Mich., US registered trademark) / *Pour vis TORX® (Marque enregistrée par Acument Intellectual Properties, LLC, Troy, Mich., US)

| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|----|
| I0321 | SS 304 | 8 | 25 | 13 | 13 | 11 | 12 | 17 |
| I0322 | | 9 | | 14 | 14 | | | 22 |
| I0323 | | 10 | | 15 | 15 | | | 27 |
| I0324 | | 11 | | | 16 | | | 30 |
| I0325 | | 12 | 26 | 16 | 17 | 14 | | 35 |
| I0326 | | 13 | | | 18 | | | 42 |
| I0327 | | 14 | | | 19 | | | |
| I0924 | | 17 | 27 | | 23 | 15 | | |

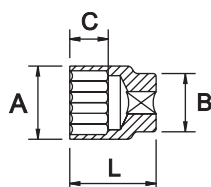
INCH - 6 PT.






|  | COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|---|-------|--------|---|--------|--------|--------|--------|----|---|
| | I0328 | SS 304 | 3/16 | 25 | | 9,5 | 11 | 6 | 17 |
| | I0329 | | 7/32 | | 12 | 11 | | | |
| | I0330 | | 1/4 | | | 12 | | | |
| | I0331 | | 5/16 | | 13 | 13 | | | |
| | I0332 | | 3/8 | 15 | 15 | 14 | 22 | | |
| | I0333 | | 7/16 | | 16 | | 27 | | |
| | I0334 | | 1/2 | 16 | 18 | | 30 | | |
| | I0335 | | 9/16 | | 26 | 19 | 35 | | |



INCH - 12 PT.



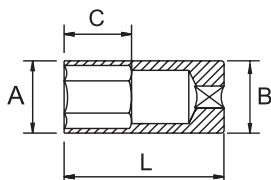
|  | COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|---|-------|--------|---|--------|--------|--------|--------|----|---|
| | I0336 | SS 304 | 3/16 | 25 | | 9,5 | 11 | 12 | 17 |
| | I0337 | | 7/32 | | 12 | 11 | | | |
| | I0338 | | 1/4 | | | 12 | | | |
| | I0339 | | 5/16 | | 13 | 13 | | | |
| | I0340 | | 3/8 | 15 | 15 | 22 | | | |
| | I0341 | | 7/16 | | 16 | 27 | | | |
| | I0342 | | 1/2 | 26 | 16 | 18 | 14 | | 30 |
| | I0343 | | 9/16 | | | 19 | | | 35 |



■ 1/4"

■ SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

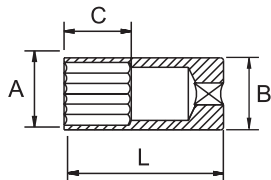
■ MM - 6 PT.



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|----|
| I0344 | SS 304 | 4 | 50 | 12 | 9,0 | 11 | 6 | 40 |
| I0345 | | 5 | | | 9,5 | | | |
| I0346 | | 6 | | | 11 | | | |
| I0347 | | 7 | | | 12 | | | |
| I0348 | | 8 | | 13 | 13 | 14 | 6 | 42 |
| I0349 | | 9 | | 14 | 14 | | | 46 |
| I0350 | | 10 | | 15 | 15 | | | 50 |
| I0351 | | 11 | | 16 | 16 | | | 55 |
| I0352 | | 12 | | | 17 | | | |
| I0353 | | 13 | | | 18 | | | |
| I0354 | | 14 | | | 19 | | | 60 |
| I0925 | | 17 | | | 23 | 15 | | 65 |



■ MM - 12 PT.

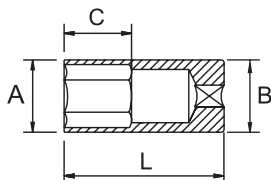


| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|----|
| I0355 | SS 304 | 4 | 50 | 12 | 9,0 | 11 | 12 | 40 |
| I0356 | | 5 | | | 9,5 | | | |
| I0357 | | 6 | | | 11 | | | |
| I0358 | | 7 | | | 12 | | | |
| I0359 | | 8 | | 13 | 13 | 14 | 12 | 42 |
| I0360 | | 9 | | 14 | 14 | | | 46 |
| I0361 | | 10 | | 15 | 15 | | | 50 |
| I0362 | | 11 | | 16 | 16 | | | 55 |
| I0363 | | 12 | | | 17 | | | |
| I0364 | | 13 | | | 18 | | | |
| I0365 | | 14 | | | 19 | | | 60 |
| I0926 | | 17 | | | 23 | 15 | | 65 |



■ 1/4"

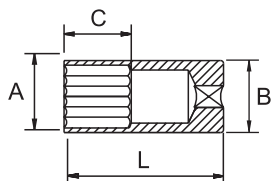
■ INCH - 6 PT.



| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|---------|--------|--------|--------|--------|----|----|
| I0366 | SS 304 | 3/16 | 50 | 12 | 9,5 | 11 | 6 | 40 |
| I0367 | | 7/32 | | | 11 | | | |
| I0368 | | 1/4 | | | 12 | | | |
| I0369 | | 5/16 | | 13 | 13 | | | |
| I0370 | | 3/8 | | 15 | 15 | | | |
| I0371 | | 7/16 | | 16 | 16 | 14 | | 55 |
| I0372 | | 1/2 | | | 18 | | | |
| I0373 | | 9/16 | | | 19 | | | |



■ INCH - 12 PT.



| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|---------|--------|--------|--------|--------|----|----|
| I0374 | SS 304 | 3/16 | 50 | 12 | 9,5 | 11 | 12 | 40 |
| I0375 | | 7/32 | | | 11 | | | |
| I0376 | | 1/4 | | | 12 | | | |
| I0377 | | 5/16 | | 13 | 13 | | | |
| I0378 | | 3/8 | | 15 | 15 | | | |
| I0379 | | 7/16 | | 16 | 16 | 14 | | 55 |
| I0380 | | 1/2 | | | 18 | | | |
| I0381 | | 9/16 | | | 19 | | | |



■ LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET RÉVERSIBLE / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

| COD. | MAT. | AF inch | L (mm) | g |
|-------|--------|---------|--------|-----|
| I0382 | SS 304 | 1/4 | 125 | 180 |









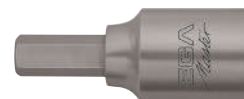
■ ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENCAO / УДЛИНИТЕЛЬ






| COD. | MAT. | AF inch | L (inch) | g |
|-------|--------|---------|----------|----|
| I0383 | SS 304 | 1/4 | 3 | 37 |



■ PUNTAS ATORNILLADORAS CON VASO / SOCKET BITS / EMBOUTS DE VISSAGE AVEC DOUILLE / STECKSCHLÜSSELEINSATZ / INSERTI A BUSSOLA / PONTAS APARAFUSADORAS COM CAIXA / ГОЛОВКИ-БИТЫ

|  | COD. | MAT. |  mm | L (mm) |  g |  |  |
|---|-------|--------|---|--------|--|---|--|
| | I0928 | SS 304 | 2 | 37 | 17 |  | 10 |
| | I0929 | | 3 | | | | |
| | I0930 | | 3,5 | | 18 | | |
| | I0931 | | 4 | | | | |
| | I0932 | | 5 | | 20 | | |



| COD. | MAT. |  | L (mm) |  |  |  |
|-------|--------|---|--------|---|---|---|
| I0933 | SS 304 | 6 | 37 | 25 |  | 10 |
| I0934 | | 8 | | 40 | | |
| I0935 | | 10 | | 60 | | |

ARTICULACIÓN UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELENK / SNODO CARDANICO / CARDAN UNIVERSAL / ШАРНИР



N!

| COD. | MAT. |  |  |
|-------|--------|---|---|
| I0942 | SS 304 | 1/4 | 75 |



MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDICO / ПОДВИЖНАЯ "Т" РУЧКА

N!

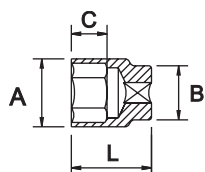
| COD. | MAT. |  | L (mm) |  |  |  |
|-------|--------|---|--------|---|---|---|
| I0976 | SS 304 | 1/4 | 250 | 200 |  | 5 |





3/8"

STANDARD

MM - 6 PT.

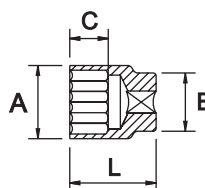


N!



| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|-------|--------|---|--------|--------|--------|--------|----|---|----|
| I0384 | SS 304 | 6 | 28 | 18 | 11 | 13 | 6 | 35 | |
| I0385 | | 7 | | | 12 | | | | |
| I0386 | | 8 | | | 13 | | | | |
| I0387 | | 9 | | | 14 | | | | |
| I0388 | | 10 | 32 | 20 | 15 | 20 | 6 | | |
| I0389 | | 11 | | | 16 | | | | |
| I0390 | | 12 | | | 18 | | | | |
| I0391 | | 13 | | | 19 | | | | |
| I0392 | | 14 | | | 20 | | | | |
| I0393 | | 15 | | | 21 | | | | |
| I0394 | | 16 | | | 22 | | | | |
| I0395 | | 17 | | | 23 | | | | |
| I0396 | | 19 | | | 24 | | | | |
| I0397 | | 20 | | | 26 | 22 | | 80 | |
| I0398 | | 22 | | | 27 | | | | |
| | | | 22 | 35 | 30 | 25 | | 22 | 80 |





MM - 12 PT.



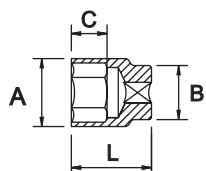
N!

| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|---|
| I0399 | SS 304 | 6 | 28 | 18 | 11 | 13 | 12 | 35 |
| I0400 | | 7 | | | 12 | | | |
| I0401 | | 8 | | | 13 | | | |
| I0402 | | 9 | | | 14 | | | |





| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|---|
| I0403 | SS 304 | 10 | 32 | 20 | 15 | 13 | 12 | 50 |
| I0404 | | 11 | | | 16 | | | |
| I0405 | | 12 | | | 18 | | | |
| I0406 | | 13 | | | 19 | | | |
| I0407 | | 14 | | 21 | 20 | | | |
| I0408 | | 15 | | 22 | 20 | 55 | | |
| I0409 | | 16 | | 23 | | 60 | | |
| I0410 | | 17 | | 24 | | 65 | | |
| I0411 | | 19 | | 26 | 24 | 70 | | |
| I0412 | | 20 | | 27 | 75 | | | |
| I0413 | 22 | 35 | 30 | 25 | 22 | 80 | | |

INCH - 6 PT.

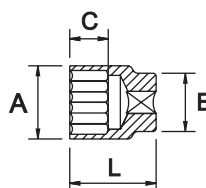


N!



| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|-------|--------|---|--------|--------|--------|--------|----|--|----|
| I0414 | SS 304 | 1/4 | 28 | 18 | 11 | 13 | 6 | 35 | |
| I0415 | | 5/16 | | | 13 | | | | |
| I0416 | | 3/8 | | | 15 | | | | |
| I0417 | | 7/16 | | | 16 | | | | |
| I0418 | | 1/2 | 19 | 20 | 50 | | | | |
| I0419 | | 9/16 | 21 | | | 20 | | | |
| I0420 | | 5/8 | 23 | | | 21 | | 20 | 60 |
| I0421 | | 11/16 | 24 | | | 65 | | | |
| I0422 | | 3/4 | 26 | | | 24 | | | 70 |
| I0423 | | 13/16 | 27 | | | 75 | | | |
| I0424 | 1 | 30 | 25 | 22 | 80 | | | | |



INCH - 12 PT.



N!

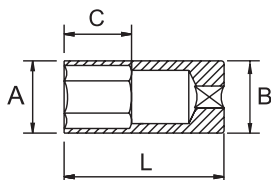
| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|-------|--------|---|--------|--------|--------|--------|----|--|----|
| I0425 | SS 304 | 1/4 | 28 | 18 | 11 | 13 | 12 | 35 | |
| I0426 | | 5/16 | | | 13 | | | | |
| I0427 | | 3/8 | | | 15 | | | | |
| I0428 | | 7/16 | | | 16 | | | | |
| I0429 | | 1/2 | 19 | 20 | 50 | | | | |
| I0430 | | 9/16 | 21 | | | 20 | | | |
| I0431 | | 5/8 | 23 | | | 21 | | | |
| I0432 | | 11/16 | 24 | | | 24 | | 20 | |
| I0433 | | 3/4 | 26 | | | | | | 70 |
| I0434 | | 13/16 | 27 | | | | | | 75 |
| I0435 | 1 | 30 | 25 | 22 | 80 | | | | |



■ 3/8"

■ SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

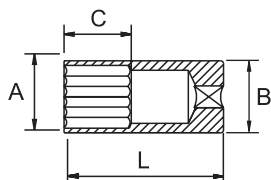
■ MM - 6 PT.



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|-----|
| I0436 | SS 304 | 6 | 60 | 18 | 11 | 13 | 6 | 90 |
| I0437 | | 7 | | | 12 | | | |
| I0438 | | 8 | | | 13 | | | |
| I0439 | | 9 | | 20 | 14 | 20 | 6 | 95 |
| I0440 | | 10 | | | 15 | | | |
| I0441 | | 11 | | | 16 | | | |
| I0442 | | 12 | | 21 | 18 | 20 | 6 | 100 |
| I0443 | | 13 | | | 19 | | | |
| I0444 | | 14 | | | 20 | | | |
| I0445 | | 15 | | 22 | 21 | 20 | 6 | 105 |
| I0446 | | 16 | | | 22 | | | |
| I0447 | | 17 | | | 23 | | | |
| I0448 | | 19 | | 24 | 24 | 20 | 6 | 110 |
| I0449 | | 20 | | | 26 | | | |
| I0450 | | 22 | | | 27 | | | |
| | | | | 30 | 25 | 22 | | 150 |



■ MM - 12 PT.

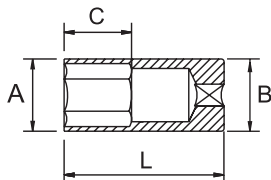



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|-----|
| I0451 | SS 304 | 6 | 60 | 18 | 11 | 13 | 6 | 90 |
| I0452 | | 7 | | | 12 | | | |
| I0453 | | 8 | | | 13 | | | |
| I0454 | | 9 | | 20 | 14 | 20 | 6 | 95 |
| I0455 | | 10 | | | 15 | | | |
| I0456 | | 11 | | | 16 | | | |
| I0457 | | 12 | | 21 | 18 | 20 | 6 | 100 |
| I0458 | | 13 | | | 19 | | | |
| I0459 | | 14 | | | 20 | | | |
| I0460 | | 15 | | 22 | 21 | 20 | 6 | 105 |
| I0461 | | 16 | | | 22 | | | |
| I0462 | | 17 | | | 23 | | | |
| I0463 | | 19 | | 24 | 24 | 20 | 6 | 110 |
| I0464 | | 20 | | | 26 | | | |
| I0465 | | 22 | | | 27 | | | |
| | | | | 30 | 25 | 22 | | 150 |





■ 3/8"

■ INCH - 6 PT.

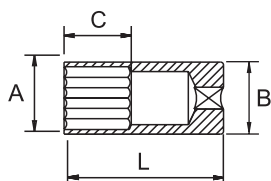






| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | |
|-------|--------|---|--------|--------|--------|--------|----|---|-----|--|
| I0466 | SS 304 | 1/4 | 60 | 18 | 11 | 13 | 6 | 90 | | |
| I0467 | | 5/16 | | | 13 | | | | | |
| I0468 | | 3/8 | | | 15 | | | | | |
| I0469 | | 7/16 | | 20 | 16 | 20 | | 100 | | |
| I0470 | | 1/2 | | | 19 | | | | | |
| I0471 | | 9/16 | | | 20 | | | | | |
| I0472 | | 5/8 | | 23 | 21 | 22 | | 120 | | |
| I0473 | | 11/16 | | 24 | 24 | | | 125 | | |
| I0474 | | 3/4 | | 26 | | | | 140 | | |
| I0475 | | 13/16 | | 27 | | | | 145 | | |
| I0476 | | 1 | | 30 | 25 | | | 22 | 150 | |



■ INCH - 12 PT.



| N! | | | | | | | | |
|-------|--------|---|--------|--------|--------|--------|----|---|
| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
| I0477 | SS 304 | 1/4 | 60 | 18 | 11 | 13 | 12 | 90 |
| I0478 | | 5/16 | | | 13 | | | |
| I0479 | | 3/8 | | | 15 | | | |
| I0480 | | 7/16 | | 20 | 16 | 20 | | 100 |
| I0481 | | 1/2 | | | 19 | | | |
| I0482 | | 9/16 | | | 21 | | | |
| I0483 | | 5/8 | | 23 | 21 | 20 | | 120 |
| I0484 | | 11/16 | | 24 | 24 | | | 125 |
| I0485 | | 3/4 | | 26 | | | | 140 |
| I0486 | | 13/16 | | 27 | | | | 145 |
| I0487 | | 1 | | 30 | 25 | | | 22 |



LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET RÉVERSIBLE / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

| COD. | MAT. | AF inch | L (mm) | g |
|-------|--------|---------|--------|-----|
| I0488 | SS 304 | 3/8 | 200 | 290 |



ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEIL / ADATTATORE / REDUTOR / АДАПТЕР

| COD. | MAT. | 3/8" - 1/2" | g |
|-------|--------|-------------|----|
| I0489 | SS 304 | 3/8" - 1/2" | 60 |

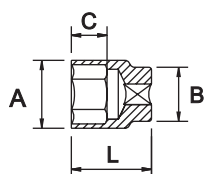



■ **ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENCAO / УДЛИНИТЕЛЬ**

| COD. | MAT. | AF $\frac{1}{8}$ inch | L (inch) | 9 |
|-------|--------|-----------------------|----------|-----|
| I0490 | SS 304 | 3/8 | 3 | 40 |
| I0491 | | | 8 | 160 |



- 1/2"
- STANDARD
- MM - 6 PT.

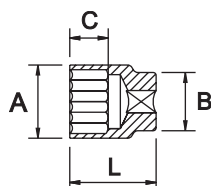




| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g | | |
|-------|--------|-------|--------|--------|--------|--------|----|----|----|-----|
| I0492 | SS 304 | 6 | 40 | 24 | 13 | 18 | 6 | 75 | | |
| I0493 | | 7 | | | 14 | | | | | |
| I0494 | | 8 | | | 15 | | | | | |
| I0495 | | 9 | | | 16 | | | | | |
| I0496 | | 10 | | | 17 | | | | | |
| I0497 | | 11 | | | 18 | | | | | |
| I0498 | | 12 | | | 19 | | | | | |
| I0499 | | 13 | | | 20 | | | | | |
| I0500 | | 14 | | | 21 | | | | | |
| I0501 | | 15 | 23 | 25 | 24 | 22 | 95 | | | |
| I0502 | | 16 | 24 | | | | | | | |
| I0503 | | 17 | 25 | | | | | | | |
| I0504 | | 18 | 26 | | | | | 25 | | |
| I0505 | | 19 | 28 | | | | | 26 | 28 | 110 |
| I0506 | | 20 | 29 | | | | | | | |
| I0507 | | 21 | 30 | | | | | | | |
| I0508 | | 22 | 31 | | | | | | | |
| I0509 | | 23 | 33 | | | | | | | |
| I0510 | | 24 | 34 | 28 | 22 | 165 | | | | |
| I0511 | | 25 | 36 | | | | | | | |
| I0512 | | 26 | 37 | | | | | | | |
| I0513 | | 27 | 38 | | | | 30 | | | |
| I0514 | | 28 | 39 | | | | | | | |
| I0515 | | 29 | 41 | | | | | | | |
| I0516 | | 30 | 42 | | | | | | | |
| I0517 | | 32 | 43 | | | | | | | |
| I0907 | | 34 | 48 | | | | | 50 | 36 | 25 |
| I0518 | | 36 | 50 | | | | | | | |





- MM - 12 PT.

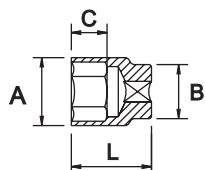


| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | 9 |
|-------|--------|-------|--------|--------|--------|--------|----|----|
| I0519 | SS 304 | 6 | 40 | 24 | 13 | 18 | 12 | 75 |
| I0520 | | 7 | | | 14 | | | |
| I0521 | | 8 | | | 15 | | | |
| I0522 | | 9 | | | 16 | | | |





| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | | |
|-------|--------|---|--------|--------|--------|--------|-----|---|--|--|--|
| I0523 | SS 304 | 10 | 40 | 24 | 17 | 18 | 12 | 80 | | | |
| I0524 | | 11 | | | 18 | | | | | | |
| I0525 | | 12 | | | 19 | | | | | | |
| I0526 | | 13 | | | 20 | | | | | | |
| I0527 | | 14 | | | 21 | | | | | | |
| I0528 | | 15 | 42 | 25 | 23 | 22 | 12 | 95 | | | |
| I0529 | | 16 | | | 24 | | | | | | |
| I0530 | | 17 | | | 26 | | | | | | |
| I0531 | | 18 | | | | | | | | | |
| I0532 | | 19 | | | | | | | | | |
| I0533 | | 20 | | | | | | | | | |
| I0534 | | 21 | 43 | 30 | 28 | 22 | 12 | 110 | | | |
| I0535 | | 22 | | | | | | | | | |
| I0536 | | 23 | | | | | | | | | |
| I0537 | | 24 | | | | | | | | | |
| I0538 | | 25 | | | | | | | | | |
| I0539 | | 26 | | | | | | | | | |
| I0540 | | 27 | 46 | 39 | 30 | 25 | 12 | 120 | | | |
| I0541 | | 28 | | | | | | | | | |
| I0542 | | 29 | | | | | | | | | |
| I0543 | | 30 | | | | | | | | | |
| I0544 | | 32 | | | | | | | | | |
| I0908 | | 34 | 50 | 48 | 36 | 25 | 12 | 125 | | | |
| I0545 | | 36 | | | | | | | | | |
| I0545 | | 36 | 50 | 50 | 36 | 25 | 12 | 130 | | | |
| I0545 | | 36 | | | | | | | | | |
| I0545 | | 36 | 50 | 50 | 36 | 25 | 12 | 150 | | | |
| I0545 | | 36 | | | | | | | | | |
| I0545 | 36 | 50 | 50 | 36 | 25 | 12 | 165 | | | | |
| I0545 | 36 | | | | | | | | | | |
| I0545 | 36 | 50 | 50 | 36 | 25 | 12 | 180 | | | | |
| I0545 | 36 | | | | | | | | | | |
| I0545 | 36 | 50 | 50 | 36 | 25 | 12 | 200 | | | | |
| I0545 | 36 | | | | | | | | | | |
| I0545 | 36 | 50 | 50 | 36 | 25 | 12 | 220 | | | | |
| I0545 | 36 | | | | | | | | | | |
| I0545 | 36 | 50 | 50 | 36 | 25 | 12 | 230 | | | | |
| I0545 | 36 | | | | | | | | | | |
| I0545 | 36 | 50 | 50 | 36 | 25 | 12 | 240 | | | | |
| I0545 | 36 | | | | | | | | | | |
| I0545 | 36 | 50 | 50 | 36 | 25 | 12 | 250 | | | | |
| I0545 | 36 | | | | | | | | | | |
| I0545 | 36 | 50 | 50 | 36 | 25 | 12 | 300 | | | | |
| I0545 | 36 | | | | | | | | | | |
| I0545 | 36 | 50 | 50 | 36 | 25 | 12 | 400 | | | | |
| I0545 | 36 | | | | | | | | | | |
| I0545 | 36 | 50 | 50 | 36 | 25 | 12 | 410 | | | | |
| I0545 | 36 | | | | | | | | | | |

INCH - 6 PT.

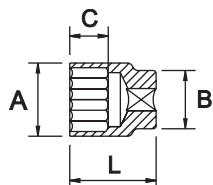


N!

| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | | |
|-------|--------|---|--------|--------|--------|--------|-----|---|-----|----|-----|
| I0546 | SS 304 | 1/4 | 40 | 24 | 13 | 18 | 6 | 75 | | | |
| I0547 | | 5/16 | | | 15 | | | | | | |
| I0548 | | 3/8 | | | 17 | | | | | | |
| I0549 | | 7/16 | | | 18 | | | | | | |
| I0550 | | 1/2 | | | 20 | | | | | | |
| I0551 | | 9/16 | 42 | 25 | 21 | 22 | 6 | 80 | | | |
| I0552 | | 19/32 | | | 23 | | | | | | |
| I0553 | | 5/8 | 43 | 28 | 24 | 25 | 6 | 95 | | | |
| I0554 | | 11/16 | | | | | | | | | |
| I0555 | | 3/4 | | | | | | | | | |
| I0556 | | 25/32 | 42 | 29 | 26 | 22 | 6 | 110 | | | |
| I0557 | | 13/16 | 43 | 30 | 34 | | | | 120 | | |
| I0558 | | 7/8 | | | | | | | | 31 | |
| I0559 | | 15/16 | | | | | | | | 34 | |
| I0560 | | 1 | 46 | 39 | 36 | | | | 25 | 6 | 180 |
| I0561 | | 1.1/16 | | | 38 | | | | | | |
| I0562 | | 1.1/8 | | | 41 | | | | | | |
| I0563 | | 1.3/16 | | | 42 | | | | | | |
| I0564 | | 1.1/4 | | | 43 | | | | | | |
| I0565 | 1.7/16 | 50 | 50 | 34 | 25 | 6 | 300 | | | | |
| I0565 | | | | | | | 410 | | | | |

■ 1/2"

■ INCH - 12 PT.

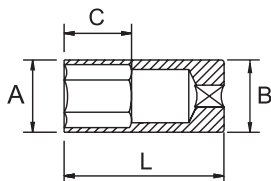


| COD. | MAT. | AF ^{inch} | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|--------------------|--------|--------|--------|--------|----|-----|
| I0566 | SS 304 | 1/4 | 40 | 24 | 13 | 18 | 80 | 75 |
| I0567 | | 5/16 | | | 15 | | | |
| I0568 | | 3/8 | | | 17 | | | |
| I0569 | | 7/16 | | | 18 | | | |
| I0570 | | 1/2 | | | 20 | | | |
| I0571 | | 9/16 | | | 21 | | | |
| I0572 | | 19/32 | | | 23 | | | |
| I0573 | | 5/8 | 42 | 25 | 24 | 22 | 12 | 95 |
| I0574 | | 11/16 | | | 25 | | | |
| I0575 | | 3/4 | | | 26 | | | |
| I0576 | | 25/32 | | | 29 | | | |
| I0577 | | 13/16 | 43 | 31 | 26 | | | 130 |
| I0578 | | 7/8 | | | 31 | | | |
| I0579 | | 15/16 | | | 34 | | | |
| I0580 | | 1 | | | 36 | | | |
| I0581 | | 1.1/16 | 46 | 38 | 30 | 25 | 6 | 240 |
| I0582 | | 1.1/8 | | | 41 | | | |
| I0583 | | 1.3/16 | | | 42 | | | |
| I0584 | | 1.1/4 | | | 43 | | | |
| I0585 | | 1.7/16 | 50 | 50 | 36 | 25 | 6 | 410 |



■ SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

■ MM - 6 PT.

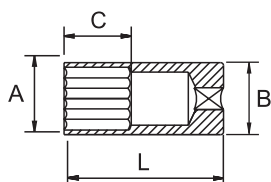




| COD. | MAT. | AF ^{mm} | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|------------------|--------|--------|--------|--------|----|-----|
| I0586 | SS 304 | 6 | 82 | 24 | 13 | 18 | 6 | 195 |
| I0587 | | 7 | | | 14 | | | |
| I0588 | | 8 | | | 15 | | | |
| I0589 | | 9 | | | 16 | | | |
| I0590 | | 10 | | | 17 | | | |
| I0591 | | 11 | | | 18 | | | |
| I0592 | | 12 | 82 | 25 | 19 | 22 | 6 | 200 |
| I0593 | | 13 | | | 20 | | | |
| I0594 | | 14 | | | 21 | | | |
| I0595 | | 15 | | | 23 | | | |
| I0596 | | 16 | 82 | 25 | 24 | 22 | 6 | 230 |
| I0597 | | 17 | | | 25 | | | |
| I0598 | | 18 | | | 26 | | | |
| I0599 | | 19 | | | 28 | | | |
| I0600 | | 20 | 82 | 25 | 29 | 22 | 6 | 240 |
| I0601 | | 21 | | | 30 | | | |
| I0602 | | 22 | | | 31 | | | |



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|-----|
| I0603 | SS 304 | 23 | 82 | 33 | 26 | 22 | 6 | 280 |
| I0604 | | 24 | | 34 | 28 | | | 310 |
| I0605 | | 25 | | 36 | | | | 380 |
| I0606 | | 26 | | 37 | | | | |
| I0607 | | 27 | | 38 | | | | 420 |
| I0608 | | 28 | | 39 | 30 | | | 430 |
| I0609 | | 29 | | 41 | | | | 450 |
| I0610 | | 30 | | 42 | | | | 490 |
| I0611 | | 32 | | 43 | 34 | | | 550 |
| I0909 | | 34 | | 48 | | 25 | | |
| I0612 | | 36 | | 50 | | | | 750 |

MM - 12 PT.

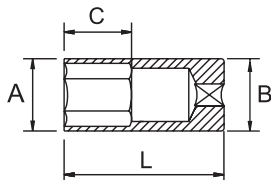


| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | |
|-------|--------|--|--------|--------|--------|--------|----|--|-----|-----|
| I0613 | SS 304 | 6 | 82 | 24 | 13 | 18 | 12 | 195 | | |
| I0614 | | 7 | | | 14 | | | | | |
| I0615 | | 8 | | | 15 | | | | | |
| I0616 | | 9 | | | 16 | | | | | |
| I0617 | | 10 | | | 17 | | | | | |
| I0618 | | 11 | | | 18 | | | | | |
| I0619 | | 12 | | | 19 | | | 200 | | |
| I0620 | | 13 | | | 20 | | | | | |
| I0621 | | 14 | | | 21 | | | | | |
| I0622 | | 15 | | | 23 | | | | | |
| I0623 | | 16 | | 25 | 24 | 22 | | 230 | | |
| I0624 | | 17 | | | | | | | | |
| I0625 | | 18 | | 26 | 25 | | | | | |
| I0626 | | 19 | | 28 | 26 | | | 28 | 22 | 240 |
| I0627 | | 20 | | 29 | | | | | | |
| I0628 | | 21 | | 30 | | | | | | |
| I0629 | | 22 | | 31 | | | | | | |
| I0630 | | 23 | | 33 | | | | | | |
| I0631 | | 24 | | 34 | | | | | | |
| I0632 | | 25 | | 36 | | | | | | |
| I0633 | | 26 | | 37 | 30 | | | 34 | 25 | 420 |
| I0634 | | 27 | | 38 | | | | | | |
| I0635 | | 28 | | 39 | | | | | | |
| I0636 | | 29 | | 41 | | | | | | |
| I0637 | | 30 | | 42 | | | | | | |
| I0638 | | 32 | | 43 | | | | | | |
| I0910 | | 34 | | 48 | 36 | | | 50 | 750 | |
| I0639 | | 36 | | | | | | | | |





■ 1/2"

■ INCH - 6 PT.

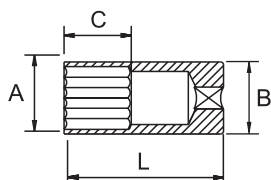


IN



| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | |
|-------|--------|---|--------|--------|--------|--------|----|---|-----|--|
| I0640 | SS 304 | 1/4 | 80 | 24 | 13 | 18 | 6 | 195 | | |
| I0641 | | 5/16 | | | 15 | | | | | |
| I0642 | | 3/8 | | | 17 | | | | | |
| I0643 | | 7/16 | | | 18 | | | 200 | | |
| I0644 | | 1/2 | | | 20 | | | | | |
| I0645 | | 9/16 | | | 21 | | | | | |
| I0646 | | 19/32 | | | 23 | | | | | |
| I0647 | | 5/8 | | 25 | 24 | 22 | 6 | 230 | | |
| I0648 | | 11/16 | | 28 | 25 | | | | | |
| I0649 | | 3/4 | | | | | | | | |
| I0650 | | 25/32 | | 29 | 26 | | | 240 | | |
| I0651 | | 13/16 | | 31 | | | | | | |
| I0652 | | 7/8 | | 28 | | | | 250 | | |
| I0653 | | 15/16 | | | | | | 34 | 310 | |
| I0654 | | 1 | | 36 | 30 | | | 380 | | |
| I0655 | | 1.1/16 | | 38 | | | | 420 | | |
| I0656 | | 1.1/8 | | 41 | 34 | | | 450 | | |
| I0657 | | 1.3/16 | | 42 | | | | 490 | | |
| I0658 | | 1.1/4 | | 43 | 25 | | | 550 | | |
| I0659 | | 1.7/16 | | 50 | | | | 750 | | |



■ INCH - 12 PT.



IN

| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | |
|-------|--------|---|--------|--------|--------|--------|----|---|-----|--|
| I0660 | SS 304 | 1/4 | 80 | 24 | 13 | 18 | 12 | 195 | | |
| I0661 | | 5/16 | | | 15 | | | | | |
| I0662 | | 3/8 | | | 17 | | | | | |
| I0663 | | 7/16 | | | 18 | | | 200 | | |
| I0664 | | 1/2 | | | 20 | | | | | |
| I0665 | | 9/16 | | | 21 | | | | | |
| I0666 | | 19/32 | | | 23 | | | | | |
| I0667 | | 5/8 | | 25 | 24 | 22 | 12 | 230 | | |
| I0668 | | 11/16 | | 28 | 25 | | | | | |
| I0669 | | 3/4 | | | | | | | | |
| I0670 | | 25/32 | | 29 | 26 | | | 240 | | |
| I0671 | | 13/16 | | 31 | | | | | | |
| I0672 | | 7/8 | | 28 | | | | 250 | | |
| I0673 | | 15/16 | | | | | | 34 | 310 | |
| I0674 | | 1 | | 36 | 30 | | | 380 | | |
| I0675 | | 1.1/16 | | 38 | | | | 420 | | |
| I0676 | | 1.1/8 | | 41 | 34 | | | 450 | | |
| I0677 | | 1.3/16 | | 42 | | | | 490 | | |
| I0678 | | 1.1/4 | | 43 | 34 | | | 25 | | |



| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|------------|--------|--------|--------|--------|----|-----|
| I0679 | SS 304 | 1.7/16 | 80 | 50 | 36 | 25 | 12 | 750 |

LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET RÉVERSIBLE / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

| COD. | MAT. | AF inch | L (mm) | g |
|-------|--------|------------|--------|-----|
| I0680 | SS 304 | 1/2 | 250 | 700 |



ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENCAO / УДЛИНИТЕЛЬ

| COD. | MAT. | AF inch | L (inch) | g |
|-------|--------|------------|----------|-----|
| I0681 | SS 304 | 1/2 | 4 | 210 |
| I0682 | | | 5 | 260 |
| I0683 | | | 8 | 380 |
| I0684 | | | 10 | 500 |



PUNTAS ATORNILLADORAS CON VASO / SOCKET BITS / EMBOUTS DE VISSAGE AVEC DOUILLE / STECKSCHLÜSSELEINSATZ / INSERTI A BUSSOLA / PONTAS APARAFUSADORAS COM CAIXA / ГОЛОВКИ-БИТЫ

| COD. | MAT. | mm | L (mm) | g |
|-------|--------|-----|--------|-----|
| I0936 | SS 304 | 4 | 60 | 60 |
| I0937 | | 5 | | 80 |
| I0938 | | 5,5 | | 90 |
| I0685 | | 6 | | 95 |
| I0939 | | 7 | | |
| I0686 | | 8 | | 100 |
| I0940 | | 9 | | 105 |
| I0687 | | 10 | | |
| I0688 | | 12 | | 110 |
| I0941 | | 14 | | 120 |
| I0689 | | 16 | | 150 |
| I0690 | | 20 | | 210 |



ARTICULACIÓN UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELN / SNODO CARDANICO / CARDAN UNIVERSAL / ШАРНИР

| COD. | MAT. | AF inch | L (mm) | g |
|-------|--------|------------|--------|-----|
| I0691 | SS 304 | 1/2" | 80 | 190 |

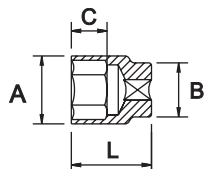


MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDICO / ПОДВИЖНАЯ "Т" РУЧКА

| COD. | MAT. | AF inch | L (inch) | g |
|-------|--------|------------|----------|-----|
| I0692 | SS 304 | 1/2 | 10 | 340 |
| I0911 | | 3/4 | 12 | 950 |



- 3/4"
- STANDARD
- MM - 6 PT.

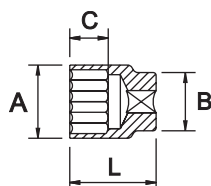


N!

| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|-----|
| I0693 | SS 304 | 17 | 50 | 38 | 28 | 22 | 6 | 250 |
| I0694 | | 19 | | | 30 | | | |
| I0695 | | 21 | | | 32 | | | |
| I0696 | | 22 | | | 33 | | | |
| I0697 | | 23 | 55 | 40 | 34 | 25 | 6 | 270 |
| I0698 | | 24 | | | 35 | | | |
| I0699 | | 26 | | | 38 | | | |
| I0700 | | 27 | | | 39 | | | |
| I0701 | | 28 | 60 | 50 | 41 | 30 | 6 | 310 |
| I0702 | | 29 | | | 42 | | | |
| I0703 | | 30 | | | 43 | | | |
| I0704 | | 32 | | | 45 | | | |
| I0705 | | 36 | 65 | 55 | 46 | 32 | 6 | 340 |
| I0706 | | 38 | | | 48 | | | |
| I0707 | | 41 | | | 48 | | | |
| I0708 | | 46 | | | 65 | | | |
| I0709 | | 50 | 70 | 70 | 50 | 35 | 6 | 750 |
| I0710 | | 55 | | | | | | |
| I0711 | | 60 | | | | | | |



- MM - 12 PT.



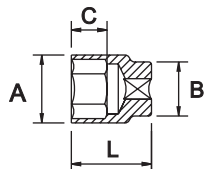
N!

| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|-----|
| I0712 | SS 304 | 17 | 50 | 38 | 28 | 22 | 12 | 250 |
| I0713 | | 19 | | | 30 | | | |
| I0714 | | 21 | | | 32 | | | |
| I0715 | | 22 | | | 33 | | | |
| I0716 | | 23 | 55 | 40 | 34 | 25 | 12 | 270 |
| I0717 | | 24 | | | 35 | | | |
| I0718 | | 26 | | | 38 | | | |
| I0719 | | 27 | | | 39 | | | |
| I0720 | | 28 | 60 | 50 | 41 | 30 | 12 | 310 |
| I0721 | | 29 | | | 42 | | | |
| I0722 | | 30 | | | 43 | | | |
| I0723 | | 32 | | | 45 | | | |
| I0724 | | 36 | 65 | 55 | 46 | 32 | 12 | 340 |
| I0725 | | 38 | | | 48 | | | |
| I0726 | | 41 | | | 48 | | | |
| I0727 | | 46 | | | 65 | | | |
| I0728 | | 50 | 70 | 70 | 50 | 35 | 12 | 750 |
| I0729 | | 55 | | | | | | |
| I0730 | | 60 | | | | | | |



■ 3/4"

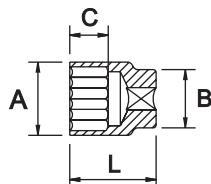
■ INCH - 6 PT.



| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|---------|--------|--------|--------|--------|----|------|
| I0731 | SS 304 | 3/4 | 50 | | 31 | | | |
| I0732 | | 13/16 | | 38 | 32 | | | 270 |
| I0733 | | 7/8 | | | 33 | 25 | | |
| I0734 | | 15/16 | | | 35 | | | |
| I0735 | | 1 | 55 | 40 | 37 | | | 310 |
| I0736 | | 1.1/16 | | | 39 | | | |
| I0737 | | 1.1/8 | | 42 | 40 | 28 | | 340 |
| I0738 | | 1.3/16 | | 43 | 43 | | | 350 |
| I0739 | | 1.1/4 | 60 | 45 | 45 | 30 | | 470 |
| I0740 | | 1.7/16 | | | 46 | | 6 | 550 |
| I0741 | | 1.1/2 | | 55 | | | | |
| I0742 | | 1.9/16 | | | 48 | | | 650 |
| I0743 | | 1.5/8 | | | | 32 | | |
| I0744 | | 1.3/4 | 65 | | | | | 750 |
| I0745 | | 1.13/16 | | 65 | | | | |
| I0746 | | 1.7/8 | | | 50 | | | |
| I0747 | | 2 | 70 | 70 | | | | 900 |
| I0748 | | 2.3/16 | 75 | 75 | | 35 | | 1250 |
| I0749 | | 2.3/8 | | 80 | | | | 1400 |



■ INCH - 12 PT.



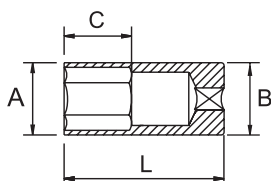
| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|---------|--------|--------|--------|--------|----|------|
| I0750 | SS 304 | 3/4 | 50 | | 31 | | | |
| I0751 | | 13/16 | | 38 | 32 | | | 270 |
| I0752 | | 7/8 | | | 33 | 25 | | |
| I0753 | | 15/16 | | | 35 | | | |
| I0754 | | 1 | 55 | 40 | 37 | | | 310 |
| I0755 | | 1.1/16 | | | 39 | | | |
| I0756 | | 1.1/8 | | 42 | 40 | 28 | | 340 |
| I0757 | | 1.3/16 | | 43 | 43 | | | 350 |
| I0758 | | 1.1/4 | 60 | 45 | 45 | 30 | | 470 |
| I0759 | | 1.7/16 | | | 46 | | 12 | 550 |
| I0760 | | 1.1/2 | | 55 | | | | |
| I0761 | | 1.9/16 | | | 48 | | | 650 |
| I0762 | | 1.5/8 | | | | 32 | | |
| I0763 | | 1.3/4 | 65 | | | | | 750 |
| I0764 | | 1.13/16 | | 65 | | | | |
| I0765 | | 1.7/8 | | | 50 | | | |
| I0766 | | 2 | 70 | 70 | | | | 900 |
| I0767 | | 2.3/16 | 75 | 75 | | 35 | | 1250 |
| I0768 | | 2.3/8 | | 80 | | | | 1400 |



■ 3/4"

■ **SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ**

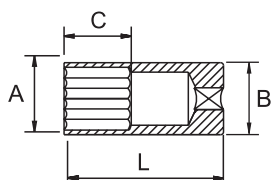
■ **MM - 6 PT.**



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|-----|---|
| I0769 | SS 304 | 17 | 90 | 38 | 28 | 22 | 500 | |
| I0770 | | 19 | | | 30 | | | |
| I0771 | | 21 | | | 32 | | | |
| I0772 | | 22 | | 40 | 33 | | | |
| I0773 | | 23 | | | 34 | 25 | | |
| I0774 | | 24 | | | 35 | | | |
| I0775 | | 26 | | | 38 | | | |
| I0776 | | 27 | | | 39 | | | |
| I0777 | | 28 | | 41 | | | | |
| I0778 | | 29 | | 42 | 40 | 28 | | |
| I0779 | | 30 | | 43 | 43 | | | |
| I0780 | | 32 | | 45 | | | | |
| I0781 | | 36 | | 50 | 45 | 30 | | |
| I0782 | | 38 | | 53 | 46 | | | |
| I0783 | | 41 | | 57 | 48 | | | |
| I0784 | | 46 | | 65 | | 32 | | |
| I0785 | | 50 | 100 | 70 | | | | |
| I0786 | | 55 | | 75 | 50 | 35 | | |
| I0787 | | 60 | | 80 | | | | |



■ **MM - 12 PT.**

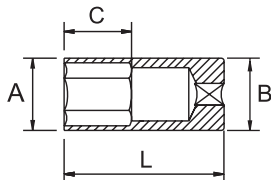


| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|-----|---|
| I0788 | SS 304 | 17 | 90 | 38 | 28 | 22 | 500 | |
| I0789 | | 19 | | | 30 | | | |
| I0790 | | 21 | | | 32 | | | |
| I0791 | | 22 | | 40 | 33 | | | |
| I0792 | | 23 | | | 34 | 25 | | |
| I0793 | | 24 | | | 35 | | | |
| I0794 | | 26 | | | 38 | | | |
| I0795 | | 27 | | | 39 | | | |
| I0796 | | 28 | | 41 | | | | |
| I0797 | | 29 | | 42 | 40 | 28 | | |
| I0798 | | 30 | | 43 | 43 | | | |
| I0799 | | 32 | | 45 | | | | |
| I0800 | | 36 | | 50 | 45 | 30 | | |
| I0801 | | 38 | | | 46 | | | |
| I0802 | | 41 | | 55 | 48 | | | |
| I0803 | | 46 | | 65 | | 32 | | |
| I0804 | | 50 | 100 | 70 | | | | |
| I0805 | | 55 | | 75 | 50 | 35 | | |
| I0806 | | 60 | | 80 | | | | |



■ 3/4"

■ INCH - 6 PT.

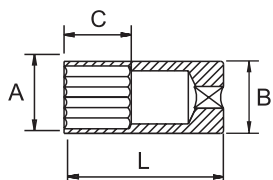


N!

| COD. | MAT. | AF ^{inch} | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|--------------------|--------|--------|--------|--------|----|------|
| I0807 | | 3/4 | | | 31 | | | |
| I0808 | | 13/16 | | 38 | 32 | | | |
| I0809 | | 7/8 | | | 33 | 25 | | 550 |
| I0810 | | 15/16 | | | 35 | | | |
| I0811 | | 1 | | 40 | 37 | | | |
| I0812 | | 1.1/16 | | | 39 | | | |
| I0813 | | 1.1/8 | 90 | 42 | 40 | 28 | | 600 |
| I0814 | | 1.3/16 | | 43 | 43 | | | 650 |
| I0815 | | 1.1/4 | | 45 | 45 | 30 | | 700 |
| I0816 | SS 304 | 1.7/16 | | | 46 | | 6 | |
| I0817 | | 1.1/2 | | 55 | | | | 950 |
| I0818 | | 1.9/16 | | | 48 | | | |
| I0819 | | 1.5/8 | | | | 32 | | |
| I0820 | | 1.3/4 | | 65 | | | | 1300 |
| I0821 | | 1.13/16 | | | 50 | | | |
| I0822 | | 1.7/8 | 100 | 70 | | | | 1450 |
| I0823 | | 2 | | 75 | | 35 | | 1800 |
| I0824 | | 2.3/16 | | | | | | 2100 |
| I0825 | | 2.3/8 | | 80 | | | | |



■ INCH - 12 PT.



N!

| COD. | MAT. | AF ^{inch} | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|--------------------|--------|--------|--------|--------|----|------|
| I0826 | | 3/4 | | | 31 | | | |
| I0827 | | 13/16 | | 38 | 32 | | | |
| I0828 | | 7/8 | | | 33 | 25 | | 550 |
| I0829 | | 15/16 | | | 35 | | | |
| I0830 | | 1 | | 40 | 37 | | | |
| I0831 | | 1.1/16 | | | 39 | | | |
| I0832 | | 1.1/8 | 90 | 42 | 40 | 28 | | 600 |
| I0833 | | 1.3/16 | | 43 | 43 | | | 650 |
| I0834 | | 1.1/4 | | 45 | 45 | 30 | | 700 |
| I0835 | SS 304 | 1.7/16 | | | 46 | | 12 | |
| I0836 | | 1.1/2 | | 55 | | | | 950 |
| I0837 | | 1.9/16 | | | 48 | | | |
| I0838 | | 1.5/8 | | | | 32 | | |
| I0839 | | 1.3/4 | | 65 | | | | 1300 |
| I0840 | | 1.13/16 | | | 50 | | | |
| I0841 | | 1.7/8 | 100 | 70 | | | | 1450 |
| I0842 | | 2 | | 75 | | 35 | | 1800 |
| I0843 | | 2.3/16 | | | | | | 2100 |
| I0844 | | 2.3/8 | | 80 | | | | |



■ **ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENCAO / УДЛИНИТЕЛЬ**

| COD. | MAT. | AF inch inch | L (inch) | g |
|-------|--------|--------------------|----------|-----|
| I0845 | SS 304 | 3/4 | 4 | 330 |
| I0846 | | | 8 | 700 |
| I0847 | | | 10 | 900 |



■ **LLAVES ESPECIALES / SPECIAL WRENCHES / CLÉS SPÉCIALES / SPEZIELL ZANGEN / CHIAVI SPECIALI / CHAVES ESPECIAIS / КЛЮЧИ СПЕЦИАЛЬНЫЕ**

■ **LLAVE DE GANCHO ARTICULADA / ADJUSTABLE HOOK SPANNER / CLÉ À ERGOT ARTICULÉE / ZANGE MIT VERSTELLBARE BACKE / CHIAVE A SETTORE REGOLABILE / CHAVE DE GANCHO ARTICULADA / РУГУЛИРУЕМЫЙ КЛЮЧ КРЮК**

| COD. | MAT. | CAP. (mm) | L (mm) | g |
|-------|--------|-----------|--------|-----|
| I0971 | SS 304 | 19-50 | 160 | 115 |
| I0977 | | 35-60 | 190 | 150 |
| I0912 | | 50-65 | | |
| I0972 | | 32-75 | 210 | 230 |
| I0848 | | 50-120 | 290 | 450 |
| I0913 | | 90-155 | 330 | 650 |



■ **LLAVE DE GANCHO CON PIN ARTICULADA / ADJUSTABLE HOOK SPANNER WITH PIN / CLÉ À ERGOT ARTICULÉE AVEC CROCHET / VERSTELLBARE HAKENSCHLÜSSEL MIT PIN / CHIAVE A SETTORE ARTICOLATA CON PIN / CHAVES DE UNHA ARTICULADA COM PIN / КЛЮЧ-КРЮК С ШАРНИРОМ**

| COD. | MAT. | CAP. (mm) | L (mm) | g |
|-------|--------|-----------|--------|-----|
| I0973 | SS 304 | 19-35 | 160 | 115 |
| I0974 | | 35-50 | 210 | 230 |



■ **LLAVE DE GANCHO / HOOK SPANNER / CLÉ À ERGOT / ECKZANGE / CHIAVE A SETTORE / CHAVE DE GANCHO / КЛЮЧ КРЮК**

| COD. | MAT. | L (mm) | CAP. Ø (mm) | CAP. Ø (inch) | g |
|-------|--------|--------|-------------|----------------|-----|
| I0978 | SS 304 | 135 | 30-32 | 1.3/16-1.1/4 | 60 |
| I0979 | | 170 | 34-36 | 1.5/16-1.13/32 | 90 |
| I0980 | | | 40-42 | 1.9/16-1.21/32 | 100 |
| I0981 | | 210 | 45-50 | 1.3/4-2 | 150 |
| I0982 | | | 52-55 | 2.1/16-2.3/16 | |
| I0983 | | 240 | 58-62 | 2.9/32-2.7/16 | 210 |
| I0984 | | | 68-75 | 2.11/16-3 | 250 |
| I0985 | | 280 | 80-90 | 3.1/8-3.1/2 | 370 |



■ **TORNILLO DE BANCO PARALELO / PARALLEL BENCH VICE / ÉTAU À MORS PARALLELES / PARALLELSCHRAUBSTÖCKE / Morsa da Banco Paralela / Torno de Bancada Paralelo / ТИСКИ**

■ **GIRATORIO / SWIVEL / TOURNANT / DREHBARE / Morsa Girevole / Base Giratoria / Поборothoe**

| COD. | MAT. | inch | mm | Kg |
|-------|--------|------|-----|-----|
| I0918 | SS 304 | 4 | 100 | 7,0 |
| I0919 | | 6 | 140 | 20 |
| I0920 | | 8 | 200 | 30 |
| I0921 | | 10 | 250 | 45 |







■ **DESTORNILLADORES / SCREWDRIVERS / TOURNEVIS / SCHRAUBENDREHER / CACCIAVITI / CHAVES DE FENDA / ОТВЕРТКИ**





■ **ELECTRICISTA / ELECTRICIAN / ELECTRICIEN / ELEKTRIKER / PER ELETTRICISTI / ELETRICISTA / ELETRICISTA**

| COD. | MAT. | mm | mm | mm | g |
|-------|--------|-----|-----|-----|-----|
| I0849 | SS 304 | 3 | 75 | 160 | 45 |
| I0850 | | 3,5 | | 185 | |
| I0851 | | 4 | | 230 | 90 |
| I0852 | | 5 | | | |
| I0853 | | 5,5 | 150 | 270 | 110 |
| I0854 | | 6 | | 280 | 160 |
| I0855 | | 8 | | | |







| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|--|--|--|---|
| I0856 | SS 304 | 10 | 200 | 330 | 180 |
| I0857 | | | 300 | 430 | 200 |
| I0858 | | 12 | 200 | 330 | 230 |
| I0859 | | 14 | 250 | 380 | 300 |

■ PHILLIPS®*




| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|--|--|--|---|
| I0860 | SS 304 | PH0 | 60 | 145 | 38 |
| I0861 | | PH1 | 80 | 165 | 75 |
| I0862 | | PH2 | 100 | 220 | 90 |
| I0863 | | PH3 | 150 | 280 | 145 |
| I0864 | | PH4 | 200 | 330 | |

■ POZIDRIV®*




| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|--|--|--|---|
| I0865 | SS 304 | PZ0 | 50 | 135 | 34 |
| I0866 | | PZ1 | 75 | 160 | 43 |
| I0867 | | PZ2 | 100 | 220 | 80 |
| I0868 | | PZ3 | 150 | 280 | 140 |
| I0869 | | PZ4 | 200 | 330 | 220 |

■ PUNTAS DE DESTORNILLADOR / BITS / EMBOUTS DE VISSAGE / BITS / INSERTI / PONTAS / БИТЫ




■ PLANA / FLAT / À FENTE / FLACH / PIATTA / PLANA / ПЛОСКАЯ

| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|--|--------|--|---|
| I0950 | SS 304 | 3 x 0,5 | 25 | 1/4 | 4,0 |
| I0951 | | 4 x 0,5 | | | |
| I0952 | | 4,5 x 0,6 | | | 4,5 |
| I0953 | | 5 x 0,8 | | | |
| I0954 | | 5,5 x 0,8 | | | 5,0 |
| I0955 | | 6 x 1,2 | | | |
| I0956 | | 6,5 x 1,2 | | | 6,0 |
| I0957 | | 8 x 1,6 | | | 7,0 |




■ PHILLIPS®*

| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|--|--------|--|---|
| I0958 | SS 304 | PH-1 | 25 | 1/4 | 4,0 |
| I0959 | | PH-2 | | | 4,5 |
| I0960 | | PH-3 | | | 6,5 |




■ POZIDRIV®*

| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|--|--------|--|---|
| I0968 | SS 304 | PZ-1 | 25 | 1/4 | 4,0 |
| I0969 | | PZ-2 | | | 4,5 |
| I0970 | | PZ-3 | | | 6,5 |




■ HEXAGONAL / HEXAGONAL / HEXAGONALE / HEXAGONAL / ESAGONALE / HEXAGONAL / ШЕСТИГРАННАЯ

| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|--|--------|--|---|
| I0943 | SS 304 | 3 | 25 | 1/4 | 4,0 |
| I0944 | | 4 | | | 4,4 |

* Para tornillos PHILLIPS® (Marca registrada por Phillips Screw Company) / *For screws PHILLIPS® (Phillips Screw Company registered trademark) / *Pour vis PHILLIPS® (Marque enregistrée par Phillips Screw Company)
 * Para tornillos POZIDRIV® (Marca registrada por European Ind. Serv. Ltd.) / *For screws POZIDRIV® (European Ind. Serv. Ltd. registered trademark) / *Pour vis POZIDRIV® (Marque enregistrée par European Ind. Serv. Ltd.)



| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|---|--------|---|--|
| I0945 | SS 304 | 4,5 | 25 | 1/4 | 4,7 |
| I0946 | | 5 | | | 5,0 |
| I0947 | | 5,5 | | | 5,5 |
| I0948 | | 6 | | | 6,0 |
| I0949 | | 6,5 | | | 6,5 |

TORX®

| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|---|--------|---|--|
| I0961 | SS 304 | T-10 | 25 | 1/4 | 3,5 |
| I0962 | | T-15 | | | 3,8 |
| I0963 | | T-20 | | | 4,0 |
| I0964 | | T-25 | | | 4,7 |
| I0965 | | T-27 | | | 5,0 |
| I0966 | | T-30 | | | 5,0 |
| I0967 | | T-40 | | | 6,5 |




CORTAFRÍOS CILÍNDRICO / CYLINDRICAL COLD CHISEL / BÉDANE CYLINDRIQUE / ZYLINDRISCHE MEISSEL / SCALPELLO CILINDRICO TAGLIO A FREDDO / ESCOPRO CILINDRICO / ЦИЛИНДРИЧЕСКОЕ ЗУБЛЮ

| COD. | MAT. | L (mm) |  O.D. mm |  g |
|-------|--------|----------|---|--|
| I0870 | SS 304 | 16 x 160 | 16 | 230 |
| I0871 | | 18 x 200 | 18 | 380 |
| I0872 | | 24 x 300 | 24 | 1000 |
| I0873 | | 25 x 400 | 25 | 1500 |
| I0874 | | 30 x 500 | 30 | 2750 |



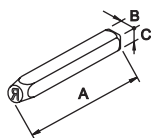
BOTADORES CILÍNDRICOS / PIN PUNCHES / CHASSES GOUPILLES / DURCHSCHLÄGER / PUNZONE CILINDRICO / PUNÇÕES CILÍNDRICOS / ПРОБОЙНИКИ


| COD. | MAT. | Ø (m) | Ø 1 (mm) | L (mm) |  g |
|-------|--------|-------|----------|--------|--|
| I0875 | SS 304 | 2 | 8 | 110 | 36 |
| I0876 | | 3 | 9 | | 44 |
| I0877 | | 4 | 10 | | 50 |
| I0878 | | 5 | 11 | 115 | 65 |
| I0879 | | 6 | 12 | | 80 |
| I0880 | | 7 | 13 | 120 | 100 |



JUEGOS DE GOLPE / PUNCHES / JEUX DE CLÉS À CHOC / DURCHSCHLÄGE / PUNZONI / JOGOS DE PANCADA / МЕТЧИКИ

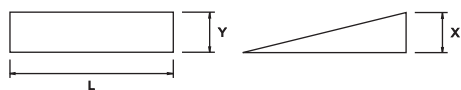
NÚMEROS / NUMBERS / CHIFFRES / NUMMER / NUMERI / NÚMEROS / ЦИФРЫ



| COD. | MAT. | Altura (mm) / Height (mm) / Hauteur (mm) | A (mm) | B (mm) | C (mm) |  g |
|-------|--------|--|--------|--------|--------|--|
| I0914 | SS 304 | 5 | 60 | 7 | 7 | 220 |



■ CUÑA / WEDGE / COIN / KEIL / CUNEO / CUNHA / КЛИН



| COD. | MAT. | L (mm) | Y | X | g |
|-------|--------|--------|----|----|------|
| I0882 | SS 304 | 80 | 13 | 6 | 25 |
| I0883 | | 100 | | 10 | 200 |
| I0884 | | 150 | | 13 | 380 |
| I0885 | | 180 | 50 | 19 | 700 |
| I0886 | | 200 | | 12 | 470 |
| I0887 | | 250 | 40 | 30 | 1250 |
| I0888 | | 300 | 50 | 40 | 2450 |



■ PALANCA / PINCHBAR / PINCE À TALON / BRECHSTANGE / LEVA / AVALANCA / МОНИТРОВКА

| COD. | MAT. | L (mm) | Kg |
|-------|--------|----------|------|
| I0889 | SS 304 | 15 x 500 | 750 |
| I0890 | | 19 x 500 | 1100 |
| I0891 | | 20 x 500 | 1300 |
| I0892 | | 23 x 500 | 1750 |
| I0893 | | 23 x 800 | 2650 |



■ CUCHILLOS / KNIVES / COUTEAUX / MESSER / COLTELLI / FACA / НОЖИ

| COD. | MAT. | L (mm) | L (mm) | g |
|-------|--------|--------|--------|-----|
| I0915 | SS 304 | 250 | 145 | 200 |



■ MARTILLOS / HAMMERS / MARTEAUX / HÄMMER / MARTELLI / MARTELOS / МОЛОТКИ

■ MARTILLO DE BOLA / BALL PEIN HAMMER / MARTEAU À BOULE / SCHLOSSER HAMMER / MARTELLO A PALLA / MARTELO DE BOLA / МОЛОТОК С ШАРОВОЙ ГОЛОВКОЙ

| COD. | MAT. | L (mm) | g |
|-------|--------|--------|-----|
| I0917 | SS 304 | 250 | 450 |



■ ARCO DE SIERRA / HACK SAW / MONTURE DE SCIE À METAUX / METALLSÄGEBOGEN / ARCHETTI / ARCOS DE SERRA / НОЖОВКА

| COD. | MAT. | inch | mm | g | |
|-------|--------|------|-----|-----|---|
| I0916 | SS 304 | 12" | 300 | 800 | 1 |



■ SS 316

■ ALICATES / PLIERS / PINCES / ZANGEN / PINZE / ALICATES / ПЛОСКОГУБЦЫ

■ UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / УНИВЕРСАЛЬНЫЕ

| COD. | MAT. | L (mm) | g |
|-------|--------|--------|------|
| I5001 | SS 316 | 150 | 1800 |
| I5002 | | 175 | 360 |
| I5003 | | 200 | 470 |



■ BOCA PLANA / FLAT NOSE / BEC PLATS / FLACHZANGEN / BECCHI PIATTI / PONTAS CHATAS / УТКОНОСЫ

| COD. | MAT. | L (mm) | g |
|-------|--------|--------|-----|
| I5004 | SS 316 | 150 | 195 |



■ **BOCA REDONDA / ROUND NOSE / BECS RONDS / RUNDZANGEN / BECCHI TONDI / PONTAS REDONDAS / КРУГЛОГУБЦЫ**

| COD. | MAT. | L (mm) | g |
|--------------|--------|--------|-----|
| I5005 | SS 316 | 150 | 145 |



■ **TELEFONISTA / LONG NOSE / TÉLÉPHONE / TELEFONZANGEN / TELEFONISTI / TELEFONISTA / С УДЛИННЕННЫМИ НОСАМИ**

| COD. | MAT. | L (mm) | g |
|--------------|--------|--------|-----|
| I5006 | SS 316 | 150 | 190 |
| I5007 | | 200 | 340 |



■ **TELEFONISTA BOCA CURVA / BENT NOSE PLIERS / TÉLÉPHONE BECS COUDÉS / TELEFONZANGEN GEBOGEN / TELEFONISTI BECCHI PIEGATI / TELEFONISTA PONTAS CURVAS / С ИЗГНУТЫМИ НОСАМИ**

| COD. | MAT. | L (mm) | g |
|--------------|--------|--------|-----|
| I5008 | SS 316 | 150 | 185 |
| I5009 | | 200 | 320 |



■ **CORTE DIAGONAL / DIAGONAL CUTTING PLIERS / COUPANTES DIAGONALES / SEITENSCHNEIDER / TAGLIO LATERALE / CORTE DIAGONAL / УДЛИННЕННЫЕ ТОНКИЕ**

| COD. | MAT. | L (mm) | g |
|--------------|--------|--------|-----|
| I5010 | SS 316 | 150 | 250 |
| I5011 | | 200 | 410 |



■ **CORTE DIAGONAL REFORZADO / HEAVY DUTY CUTTING NIPPERS / COUPANTES RENFORCEÉS / VERSTÄRKTER SEITENSCHNEIDER / TAGLIO LATERALE RINFORZATO / CORTE DIAGONAL REFORÇADO / УСИЛЕННЫЕ БОКОРЕЗЫ**

| COD. | MAT. | L (mm) | g |
|--------------|--------|--------|-----|
| I5012 | SS 316 | 180 | 190 |
| I5013 | | 200 | 230 |



■ **CORTE FRONTAL / END CUTTING NIPPER / COUPANTES DEVANT / VORSCHNEIDER / TAGLIO FRONTALE / CORTE FRONTAL / КЛЕЩИ**

| COD. | MAT. | L (mm) | g |
|--------------|--------|--------|-----|
| I5014 | SS 316 | 180 | 280 |



■ **PELACABLES / WIRESTRIPPER / PINCES À DÉNUDER / ABISOLIERZANGEN / PINZE SPELAFILI / DECAPADORES / КЛЕЩИ ДЛЯ ЗАЧИСТКИ КОНТАКТОВ**

| COD. | MAT. | L (mm) | g |
|--------------|--------|--------|-----|
| I5017 | SS 316 | 170 | 200 |



■ **TENAZAS / PINCERS / TENAILLES / ZANGE / TENAGLIE / ALICATES / КЛЕЩИ**

■ **DE CANAL / BOX JOINT / MULTIPRISE ENTREPASSÉE / WASSERPUMPENZANGE / PINZE REGOLABILI / BICO DE PAPAGAIO / ШАРНИРНЫЕ**

| COD. | MAT. | L (inch) | g |
|--------------|--------|----------|-----|
| I5026 | SS 316 | 10 | 410 |
| I5027 | | 12 | 700 |




■ **PICO DE LORO / GROOVE JOINT / MULTIPRISE À CRÉMAILLÈRE / WASSERPUMPENZANGE / PINZE REGOLABILI / BICO DE PAPAGAIO / КЛЕЩИ ЖЕЛОБКОВОГО ТИПА**

| COD. | MAT. | L (inch) | g |
|--------------|--------|----------|-----|
| I5028 | SS 316 | 10 | 410 |
| I5029 | | 12 | 640 |





■ GRIP / GRIP / PINCE ÉTAU / GRIPZANGE / PINZE GRIP / PRESSÃO / СТРУБЦИНА

| COD. | MAT. | L (inch) |  |
|-------|--------|----------|---|
| I5030 | SS 316 | 10 | 480 |





■ LLAVES / WRENCHES / CLÉS / SCHLÜSSEL / CHIAVI / CHAVES / КЛЮЧИ

■ LLAVE AJUSTABLE / ADJUSTABLE WRENCH / CLÉ À MOLETTE / ROLLGABELSCHÜSSEL / CHIAVE REGOLABILI A RULLINO / CHAVE AJUSTAVEL / РАЗВОДНЫЕ КЛЮЧИ

| COD. | MAT. | L (inch) | L (mm) |  |  |
|-------|--------|----------|--------|---|---|
| I5031 | SS 316 | 6 | 150 | 18 | 145 |
| I5032 | | 8 | 200 | 24 | 270 |
| I5033 | | 10 | 250 | 30 | 410 |
| I5034 | | 12 | 300 | 36 | 650 |
| I5035 | | 15 | 375 | 46 | 1450 |
| I5036 | | 18 | 450 | 55 | 2050 |
| I5037 | | 24 | 600 | 65 | 4700 |





■ LLAVES FIJAS / OPEN-END WRENCHES / CLÉS À FOURCHE / GABELSCHLÜSSEL / CHIAVI FISSE / CHAVES DUAS BOCAS / РОЖКОВЫЕ КЛЮЧИ

| COD. | MAT. |  | L (mm) |  |
|-------|--------|---|--------|--|
| I5894 | SS 316 | 5,5-7 | 90 | 25 |
| I5038 | | 6-7 | | |
| I5039 | | 8-9 | 100 | 34 |
| I5040 | | 10-11 | 115 | 60 |
| I5041 | | 12-13 | 130 | 75 |
| I5042 | | 14-15 | 140 | 120 |
| I5043 | | 16-17 | 155 | 130 |
| I5044 | | 18-19 | 165 | 150 |
| I5045 | | 19-22 | 185 | 220 |
| I5046 | | 20-22 | 195 | 250 |
| I5047 | | 21-23 | 200 | 280 |
| I5048 | | 22-24 | 210 | 310 |
| I5049 | | 24-26 | 220 | 330 |
| I5050 | | 24-27 | | 350 |
| I5051 | | 25-28 | | 370 |
| I5052 | | 27-29 | 240 | |
| I5053 | | 27-30 | 250 | 490 |
| I5054 | | 30-32 | | 600 |
| I5055 | | 27-32 | 270 | 490 |
| I5056 | | 32-36 | 300 | 900 |
| I5057 | | 36-41 | | |
| I5058 | | 38-42 | 330 | 1350 |



■ FIJA UNA BOCA / SINGLE ENDED OPEN JAW SPANNER / À FOURCHE SIMPLE / EINMAUSCHLÜSSEL / FISSE SEMPLICE / FIXA DE UMA BOCA / ОДНОРОЖКОВЫЙ КЛЮЧ

| COD. | MAT. |  | L (mm) |  |
|-------|--------|---|--------|--|
| I5059 | SS 316 | 4 | | |
| I5060 | | 5 | | |
| I5061 | | 5,5 | 80 | 18 |
| I5927 | | 6 | | |
| I5062 | | 7 | | |
| I5895 | | 8 | 95 | 40 |
| I5063 | | 10 | 105 | 50 |
| I5064 | | 12 | 125 | 65 |
| I5896 | | 13 | | |
| I5065 | | 14 | 140 | 95 |
| I5066 | | 16 | | |
| I5067 | | 17 | 160 | 105 |
| I5068 | | 18 | | |
| I5069 | | 19 | 170 | 130 |
| I5897 | | 22 | 195 | 170 |



| COD. | MAT. | AP mm | L (mm) | g |
|-------|--------|-------|--------|------|
| I5070 | SS 316 | 24 | 220 | 190 |
| I5071 | | 27 | 240 | 290 |
| I5072 | | 30 | 260 | 320 |
| I5073 | | 32 | | |
| I5898 | | 33 | 280 | 400 |
| I5074 | | 34 | 290 | 460 |
| I5075 | | 36 | 310 | 550 |
| I5076 | | 41 | 350 | 600 |
| I5077 | | 46 | 380 | 950 |
| I5078 | | 50 | 410 | 1200 |
| I5079 | | 55 | 450 | 1500 |
| I5080 | | 60 | 490 | 2100 |
| I5081 | | 65 | | 2950 |
| I5082 | | 70 | 550 | 3250 |
| I5083 | | 75 | 600 | 3700 |

■ LLAVES COMBINADAS / COMBINATION WRENCHES / CLÉS MIXTES / GABEL RINGSCHLÜSSEL / CHIAVI COMBinate / CHAVES BOCA E LUNETA / КОМБИНИРОВАННЫЕ КЛЮЧИ

| COD. | MAT. | AP mm | L (mm) | g |
|-------|--------|-------|--------|------|
| I5084 | SS 316 | 6 | 105 | 18 |
| I5085 | | 7 | 120 | 40 |
| I5086 | | 8 | | |
| I5087 | | 9 | | |
| I5088 | | 10 | 135 | 45 |
| I5089 | | 11 | | |
| I5090 | | 12 | 150 | 65 |
| I5091 | | 13 | | |
| I5092 | | 14 | 175 | 90 |
| I5093 | | 15 | | |
| I5094 | | 16 | 195 | 140 |
| I5095 | | 17 | | |
| I5096 | | 18 | | |
| I5097 | | 19 | 220 | 180 |
| I5098 | | 20 | | |
| I5099 | | 21 | 250 | 280 |
| I5100 | | 22 | | |
| I5101 | | 23 | | |
| I5102 | | 24 | 270 | 320 |
| I5103 | | 25 | | |
| I5104 | | 26 | | |
| I5105 | | 27 | 290 | 430 |
| I5106 | | 28 | | |
| I5107 | | 29 | 320 | 550 |
| I5108 | | 30 | | |
| I5109 | | 32 | 340 | 800 |
| I5110 | | 36 | 360 | 950 |
| I5111 | | 46 | 430 | 1500 |
| I5112 | | 50 | 500 | 2000 |
| I5113 | | 56 | 550 | |



■ MM

■ INCH

| COD. | MAT. | AP inch | L (mm) | g |
|-------|--------|---------|--------|----|
| I5114 | SS 316 | 1/4 | 120 | 40 |
| I5115 | | 5/16 | | |
| I5116 | | 11/32 | 135 | 45 |
| I5117 | | 3/8 | | |
| I5118 | | 13/32 | 150 | 65 |
| I5119 | | 7/16 | | |



| COD. | MAT. | AP inch | L (mm) | g |
|-------|--------|---------|--------|-----|
| I5120 | SS 316 | 1/2 | 175 | 90 |
| I5121 | | 9/16 | | |
| I5122 | | 5/8 | | |
| I5123 | | 11/16 | 195 | 140 |
| I5124 | | 3/4 | | |
| I5125 | | 13/16 | | |
| I5126 | | 25/32 | 220 | 180 |
| I5127 | | 7/8 | | |
| I5128 | | 15/16 | | |
| I5129 | | 31/32 | 250 | 280 |
| I5130 | | 1 | | |
| I5131 | | 1.1/16 | | |
| I5132 | | 1.1/8 | 270 | 320 |
| I5133 | | 1.3/16 | | |
| I5134 | | 1.1/4 | | |
| I5135 | | 1.3/8 | 320 | 550 |
| I5136 | | 1.1/2 | | |

LLAVE COMBINADA DE CARRACA / COMBINATION RATCHET WRENCH / CLÉ MIXTE À CLIQUET / RATSCHEN-RINGGABELSCHLÜSSEL / CHIAVE COMBINATA A CRICCO / CHAVE DE BOCA E LUNETA COM ROQUETE / КЛЮЧ ТРЕЩЕТОЧНЫЙ КОМБИНИРОВАННЫЙ

N!

| COD. | MAT. | AP mm | L (mm) | g |
|-------|--------|-------|--------|-----|
| I5137 | SS 316 | 10 | 165 | 125 |
| I5899 | | 11 | 175 | 150 |
| I5900 | | 12 | | |
| I5901 | | 14 | 190 | 180 |
| I5902 | | 15 | 220 | 280 |
| I5138 | | 17 | | |
| I5903 | | 18 | 240 | 350 |
| I5139 | | 19 | | |
| I5904 | | 20 | 270 | 470 |
| I5140 | | 24 | 290 | 550 |
| I5141 | | 27 | 320 | 700 |



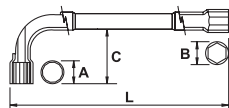
LLAVES ACODADAS / DOUBLE OFFSET RING WRENCHES / CLÉS POLYGONALES CONTRE-COUDÉES / RINGSCHLÜSSEL / CHIAVI POLIGONALI / CHAVES LUNETA / КЛЮЧИ ДВОЙНАЯ ИЗОГНУТАЯ ЗВЕЗДОЧКА

N!





| COD. | MAT. | AP mm | L (mm) | g |
|-------|--------|-------|--------|-----|
| I5142 | SS 316 | 6-7 | 95 | 25 |
| I5143 | | 8-9 | 115 | 32 |
| I5144 | | 10-11 | 125 | 37 |
| I5145 | | 12-13 | 145 | 70 |
| I5146 | | 14-15 | 165 | 100 |
| I5147 | | 16-17 | 170 | 120 |
| I5148 | | 18-19 | 185 | 130 |
| I5149 | | 20-22 | 200 | 180 |
| I5150 | | 21-23 | 220 | 240 |
| I5151 | | 24-26 | 230 | 320 |
| I5152 | | 25-28 | 270 | 390 |
| I5153 | | 30-32 | 300 | 470 |
| I5154 | | 32-36 | 330 | 600 |
| I5155 | | 38-42 | 370 | 950 |
| I5905 | | 10-13 | 140 | 55 |



LLAVES DE PIPA ABIERTAS / ANGLED OPEN SOCKETS / CLÉS À PIPE DEBOUCHEES / PFEIFENKOPFSCHLÜSSEL / CHIAVI A PIPA APERTE / DE CACHIMBO ABERTAS / КЛЮЧ С ИЗОГНУТЫМИ ГОЛОВКАМИ



N!

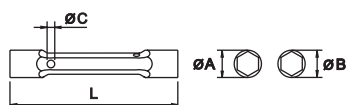
| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) |  |  |  |
|-------|--------|---|--------|--------|--------|--------|---|--|---|
| I5156 | SS 316 | 6 | 100 | 11 | 11 | 38 | 60 | 6 | ● |
| I5157 | | 7 | 110 | 13 | 13 | 42 | 75 | | |
| I5158 | | 8 | 115 | 14 | 14 | 46 | 95 | | |
| I5159 | | 10 | 130 | 16 | 16 | 50 | 135 | | |
| I5160 | | 13 | 160 | 20 | 20 | 55 | 240 | | |
| I5161 | | 16 | 190 | 25 | 25 | 70 | 370 | | |
| I5162 | | 17 | | 26 | 26 | | | | |
| I5163 | | 18 | 200 | 27 | 27 | 75 | 530 | | |
| I5164 | | 19 | | 28 | 28 | | | | |
| I5165 | | 22 | | 32 | 32 | | | | |
| I5166 | | 24 | 250 | 36 | 36 | 100 | 770 | | |



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

12 x 6

DE TUBO DOBLE BOCA / SOCKET DOUBLE ENDED WRENCH / CLÉ À TUBE FORGÉE DROITE / DOPPEL-STECKSCHLÜSSEL / CHIAVI A TUBO / DIRITTE TUBOLARES BOCA DUPLA / ДВОЙНАЯ ГОЛОВКА



N!

| COD. | MAT. | AP mm | L (mm) | A (mm) | B (mm) | C (mm) | g |
|-------|--------|-------|--------|--------|--------|--------|------|
| I5167 | SS 316 | 6-7 | 105 | 11 | 12 | 4 | 65 |
| I5168 | | 8-9 | 115 | 13 | 15 | | 85 |
| I5169 | | 7-10 | | | 16 | | |
| I5170 | | 10-11 | 120 | 17 | 18 | 6 | 105 |
| I5171 | | 12-13 | | 19 | 21 | | 160 |
| I5172 | | 14-15 | 140 | 22 | 23 | 7 | 240 |
| I5173 | | 16-17 | 155 | 24 | 26 | 8 | 420 |
| I5174 | | 18-19 | 165 | 28 | 29 | 9 | 500 |
| I5175 | | 20-22 | 175 | 30 | 32 | | 600 |
| I5176 | | 21-23 | 185 | 31 | 33 | 11 | 650 |
| I5177 | | 24-26 | 195 | 35 | 37 | 12 | 850 |
| I5178 | | 24-27 | | | | | |
| I5179 | | 25-28 | | 36 | 39 | 13 | 900 |
| I5180 | | 27-29 | 210 | 29 | 42 | | |
| I5181 | | 30-32 | 220 | 42 | 45 | 14 | 1000 |



LLAVE HEAVY DUTY / HEAVY DUTY PIPE WRENCH / CLÉ SERRE-TUBES HEAVY DUTY / HEAVY DUTY ROHRZANGE / GIRATUBI MODELLO AMERICANO PESANTE / CHAVE HEAVY DUTY / ТРУБНЫЕ КЛЮЧИ ДЛЯ БОЛЬШИХ НАГРУЗОК

N!

| COD. | MAT. | L (inch) | CAP. (inch) | Kg |
|-------|--------|----------|-------------|------|
| I5182 | SS 316 | 6 | 3/4 | 320 |
| I5183 | | 8 | 1 | 420 |
| I5184 | | 10 | 1.1/4 | 750 |
| I5185 | | 12 | 1.1/2 | 1050 |
| I5186 | | 14 | 2 | 1300 |
| I5187 | | 18 | 2.1/2 | 2250 |
| I5188 | | 24 | 3 | 3600 |

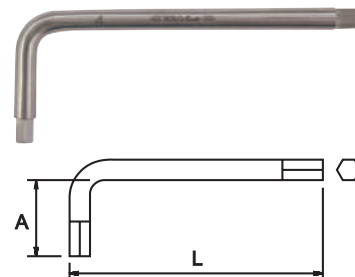


■ LLAVES HEXAGONALES / HEXAGONAL KEYS / CLÉS MÂLES / INBUSSCHLÜSSEL / CHIAVI ESAGONALI / CHAVES HEXAGONAIS / ШЕСТИГРАННЫЕ КЛЮЧИ

■ STANDARD

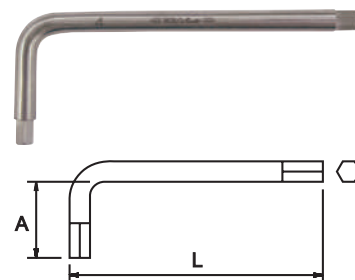
■ MM

| COD. | MAT. | AF mm | L (mm) | A (mm) | g |
|-------|--------|-------|--------|--------|-----|
| I5189 | SS 316 | 1,5 | 60 | 22 | 8,0 |
| I5190 | | 2 | | | |
| I5191 | | 2,5 | | | |
| I5192 | | 3 | | | |
| I5193 | | 3,5 | 65 | 23 | 10 |
| I5194 | | 4 | | 26 | |
| I5195 | | 4,5 | 70 | 27 | 16 |
| I5196 | | 5 | 80 | 28 | |
| I5197 | | 6 | 85 | 32 | 25 |
| I5198 | | 7 | 90 | 37 | 34 |
| I5199 | | 8 | | | 50 |
| I5200 | | 9 | 95 | 36 | 60 |
| I5201 | | 10 | 110 | | 80 |
| I5202 | | 11 | 120 | 38 | 100 |
| I5203 | | 12 | 130 | 41 | 145 |
| I5204 | | 14 | 150 | 46 | 210 |
| I5205 | | 17 | 170 | 50 | 370 |



■ INCH

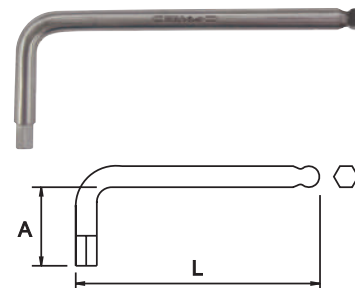
| COD. | MAT. | AF inch | L (mm) | A (mm) | g |
|-------|--------|---------|--------|--------|-----|
| I5206 | SS 316 | 1/16 | 60 | 22 | 8,0 |
| I5207 | | 5/64 | | | |
| I5208 | | 3/32 | | | |
| I5986 | | 7/64 | | | |
| I5209 | | 1/8 | 65 | 23 | 10 |
| I5210 | | 9/64 | | 26 | |
| I5211 | | 5/32 | 80 | 28 | 16 |
| I5212 | | 3/16 | | | |
| I5213 | | 7/32 | 85 | 32 | 25 |
| I5214 | | 1/4 | | | |
| I5987 | | 9/32 | 90 | 37 | 30 |
| I5215 | | 5/16 | | | 50 |
| I5988 | | 11/32 | 100 | 38 | 60 |
| I5216 | | 3/8 | 110 | | 85 |
| I5989 | | 7/16 | 120 | 43 | 100 |
| I5990 | | 1/2 | 140 | | 160 |



■ STANDARD CON PUNTA DE BOLA / STANDARD BALLPOINT / STANDARD EMBOUT SPHÉRIQUE / KUGELKOPF- WINKELSCHRAUBER / STANDARD CON PUNTA A SFERA / STANDARD COM BOLA / СТАНДАРТНЫЙ С ШАРИКОВОЙ ГОЛОВКОЙ

■ MM

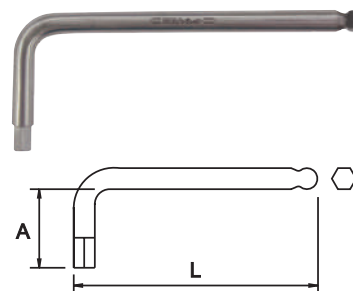
| COD. | MAT. | AF mm | L (mm) | A (mm) | g |
|-------|--------|-------|--------|--------|-----|
| I5217 | SS 316 | 1,5 | 50 | 16 | 3,0 |
| I5218 | | 2,5 | 55 | 18 | 4,0 |
| I5219 | | 3 | 65 | 20 | 5,0 |
| I5220 | | 4 | 70 | 25 | 12 |
| I5221 | | 6 | 90 | 32 | 30 |
| I5222 | | 10 | 110 | 40 | 100 |



INCH

N!

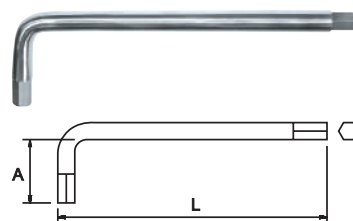
| COD. | MAT. | AF inch | L (mm) | A (mm) | g |
|-------|--------|---------|--------|--------|-----|
| I5223 | SS 316 | 1/16 | 50 | 13 | 3,0 |
| I5224 | | 5/64 | | 16 | |
| I5225 | | 3/32 | | 18 | |
| I5226 | | 7/64 | 65 | 20 | 5,0 |
| I5227 | | 1/8 | | | |
| I5228 | | 9/64 | | | |
| I5229 | | 5/32 | 70 | 25 | 12 |
| I5230 | | 3/16 | 80 | 28 | 22 |
| I5231 | | 7/32 | 90 | 32 | 30 |
| I5232 | | 1/4 | | | |
| I5233 | | 5/16 | 100 | 36 | 55 |
| I5234 | | 3/8 | 110 | 40 | 100 |
| I5235 | | 1/2 | 135 | 48 | 250 |



SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

N!

| COD. | MAT. | AF mm | L (mm) | A (mm) | g |
|-------|--------|-------|--------|--------|-----|
| I5906 | SS 316 | 2 | 75 | 18 | 8,0 |
| I5236 | | 2,5 | 85 | 21 | 9,0 |
| I5237 | | 3 | 95 | 23 | 10 |
| I5238 | | 3,5 | 100 | 26 | 13 |
| I5239 | | 4 | 105 | 29 | 14 |
| I5240 | | 5 | 120 | 33 | 22 |
| I5241 | | 6 | 140 | 38 | 37 |
| I5242 | | 7 | 145 | 41 | 48 |
| I5243 | | 8 | 160 | 44 | 70 |
| I5244 | | 9 | 170 | 47 | 100 |
| I5245 | | 10 | 180 | 50 | 125 |
| I5246 | | 11 | 190 | 55 | 155 |
| I5247 | | 12 | 200 | | 210 |

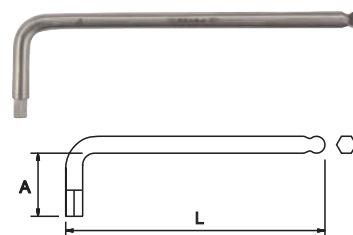


BOLA SERIE LARGA / LONG PATTERN BALLPOINT / SÉRIE LONGUE À TÊTE SPHÉRIQUE / KUGELKOPF- INBUSSCHLÜSSEL / SERIE LUNGA CON TESTA SFERICA / ESFERICAS, SERIE LONGA / ДЛИННЫЙ С ШАРОВОЙ ГОЛОВКОЙ

MM

N!

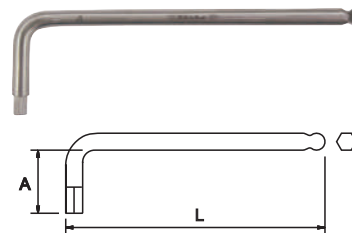
| COD. | MAT. | AF mm | L (mm) | A (mm) | g |
|-------|--------|-------|--------|--------|-----|
| I5248 | SS 316 | 1,5 | 65 | 16 | 3,7 |
| I5249 | | 2 | 75 | 18 | 4,5 |
| I5250 | | 2,5 | 85 | 21 | 6,5 |
| I5251 | | 3 | 95 | 23 | 8,0 |
| I5252 | | 3,5 | 100 | 26 | 12 |
| I5253 | | 4 | 105 | 29 | 15 |
| I5975 | | 4,5 | | | 22 |
| I5254 | | 5 | | | 28 |
| I5255 | | 5,5 | 130 | 36 | 34 |
| I5256 | | 6 | 140 | 38 | 41 |
| I5257 | | 7 | 145 | 41 | 65 |
| I5258 | | 8 | 160 | 44 | 76 |
| I5259 | | 9 | 170 | 47 | 105 |
| I5260 | | 10 | 180 | 50 | 140 |
| I5261 | | 11 | 190 | 55 | 190 |
| I5262 | | 12 | 200 | | 250 |
| I5263 | | 14 | 230 | | 380 |
| I5264 | | 17 | 260 | 80 | 550 |



INCH

N!



| COD. | MAT. | AF inch | L (mm) | A (mm) | g |
|-------|--------|---------|--------|--------|-----|
| I5265 | SS 316 | 1/16 | 65 | 16 | 3,7 |
| I5266 | | 5/64 | 75 | 18 | 4,5 |
| I5267 | | 3/32 | 85 | 21 | 6,5 |
| I5268 | | 7/64 | 95 | 23 | 8,0 |
| I5269 | | 1/8 | | | |
| I5270 | | 9/64 | 100 | 26 | 12 |
| I5271 | | 5/32 | 105 | 29 | 15 |
| I5272 | | 3/16 | 120 | 33 | 28 |
| I5273 | | 7/32 | 130 | 36 | 34 |
| I5274 | | 1/4 | 140 | 38 | 41 |
| I5275 | | 5/16 | 160 | 44 | 75 |
| I5276 | | 3/8 | | | |
| I5277 | | 1/2 | 200 | 55 | 250 |

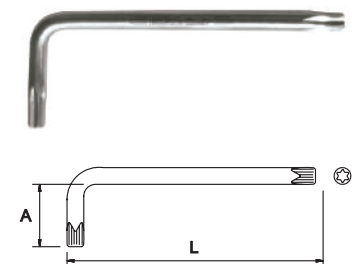


TORX®

STANDARD



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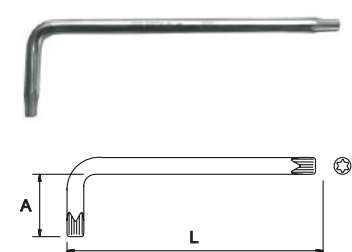
| COD. | MAT. |  | L (mm) | A (mm) |  |
|-------|--------|---|--------|--------|--|
| I5278 | SS 316 | T-6 | 42 | 16 | 7,5 |
| I5279 | | T-7 | | | |
| I5280 | | T-8 | | | |
| I5281 | | T-9 | | | |
| I5282 | | T-10 | 50 | 17 | |
| I5283 | | T-15 | 55 | 18 | 9,5 |
| I5284 | | T-20 | 60 | 20 | 13 |
| I5285 | | T-25 | | 17 | |
| I5286 | | T-27 | 65 | 21 | 19 |
| I5287 | | T-30 | 70 | 24 | 29 |
| I5288 | | T-35 | 75 | 25 | 33 |
| I5289 | | T-40 | | 26 | 29 |
| I5290 | | T-45 | 85 | 29 | 48 |
| I5291 | | T-50 | 95 | 32 | 70 |



SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

N!

| COD. | MAT. |  | L (mm) | A (mm) |  |
|-------|--------|---|--------|--------|--|
| I5292 | SS 316 | T-6 | 65 | 16 | 10 |
| I5293 | | T-7 | 70 | | |
| I5294 | | T-8 | | | |
| I5295 | | T-9 | 75 | 17 | 11 |
| I5296 | | T-10 | | | |
| I5297 | | T-15 | 80 | 18 | 13 |
| I5298 | | T-20 | | 20 | 17 |
| I5299 | | T-25 | 85 | | 21 |
| I5300 | | T-27 | | 21 | 25 |
| I5301 | | T-30 | 90 | 24 | 35 |
| I5302 | | T-35 | 95 | 25 | 40 |
| I5303 | | T-40 | 100 | 26 | 48 |
| I5304 | | T-45 | 115 | 29 | 60 |
| I5305 | | T-50 | 125 | 32 | 85 |

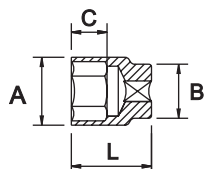


■ **LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE DOPPEN / CHAVES DE CAIXA / ГОЛОВКИ**

■ 1/4"

■ STANDARD

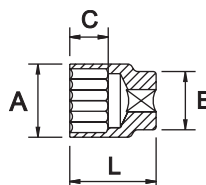
■ MM - 6 PT.



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | 9 |
|-------|--------|-------|--------|--------|--------|--------|----|----|
| I5306 | SS 316 | 4 | 25 | 12 | 9,0 | 11 | 6 | 17 |
| I5307 | | 5 | | | 9,5 | | | |
| I5308 | | 6 | | | 11 | | | |
| I5309 | | 7 | | | 12 | | | |
| I5310 | | 8 | | | 13 | | | |
| I5311 | | 9 | 26 | 16 | 14 | 14 | 12 | 22 |
| I5312 | | 10 | | | 15 | | | |
| I5313 | | 11 | | | 16 | | | |
| I5314 | | 12 | | | 17 | | | |
| I5315 | | 13 | | | 18 | | | |
| I5316 | SS 316 | 14 | 27 | 16 | 19 | 15 | 12 | 35 |
| I5923 | | 17 | | | 23 | | | |



■ MM - 12 PT.

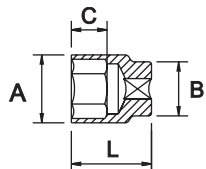





| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | 9 |
|-------|--------|-------|--------|--------|--------|--------|----|----|
| I5317 | SS 316 | 4 | 25 | 12 | 9,0 | 11 | 12 | 17 |
| I5318 | | 5 | | | 9,5 | | | |
| I5319 | | 6 | | | 11 | | | |
| I5320 | | 7 | | | 12 | | | |
| I5321 | | 8 | | | 13 | | | |
| I5322 | | 9 | 26 | 16 | 14 | 14 | 12 | 22 |
| I5323 | | 10 | | | 15 | | | |
| I5324 | | 11 | | | 16 | | | |
| I5325 | | 12 | | | 17 | | | |
| I5326 | | 13 | | | 18 | | | |
| I5327 | SS 316 | 14 | 27 | 16 | 19 | 15 | 12 | 35 |
| I5924 | | 17 | | | 23 | | | |



■ 1/4"

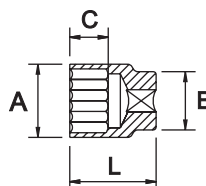
■ INCH - 6 PT.





|  | COD. | MAT. | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | |
|---|-------|--------|--------|--------|--------|--------|----|--|-----|----|
|  | I5328 | SS 316 | 25 | 12 | 3/16 | 11 | 6 | 17 | | |
| | I5329 | | | | 7/32 | | | | 9,5 | 11 |
| | I5330 | | | | 1/4 | | | | 12 | |
| | I5331 | | | 5/16 | 13 | | | | 13 | |
| | I5332 | | 3/8 | 15 | 15 | 22 | | | | |
| | I5333 | | 7/16 | 16 | 27 | | | | | |
| | I5334 | | 1/2 | 18 | 30 | | | | | |
| | I5335 | | 9/16 | 26 | | 19 | | 14 | 35 | |



■ INCH - 12 PT.

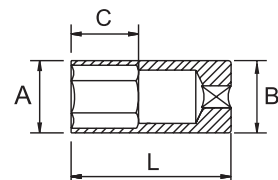





| N! | | | | | | | | |
|-------|--------|---|--------|--------|--------|--------|----|--|
| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
| I5336 | SS 316 | 3/16 | 25 | 12 | 9,5 | 11 | 12 | 17 |
| I5337 | | 7/32 | | | 11 | | | |
| I5338 | | 1/4 | | | 12 | | | |
| I5339 | | 5/16 | | 13 | 13 | | | |
| I5340 | | 3/8 | 15 | 15 | 14 | 22 | | |
| I5341 | | 7/16 | 16 | 16 | | 27 | | |
| I5342 | | 1/2 | | 18 | | 30 | | |
| I5343 | | 9/16 | | 26 | | 19 | | 35 |



■ SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

■ MM - 6 PT.

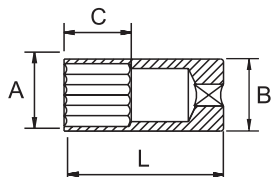




|  | COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|---|-------|--------|---|--------|--------|--------|--------|----|---|----|
| | I5344 | SS 316 | 4 | 50 | 12 | 9,0 | 11 | 6 | 40 | |
| | I5345 | | 5 | | | 9,5 | | | | |
| | I5346 | | 6 | | | 11 | | | | |
| | I5347 | | 7 | | | 12 | | | | |
| | I5348 | | 8 | | 13 | 13 | | | 42 | |
| | I5349 | | 9 | | 14 | 14 | | | 46 | |
| | I5350 | | 10 | | 15 | 15 | | | 50 | |
| | I5351 | | 11 | | 16 | 16 | | | 14 | 55 |
| | I5352 | | 12 | | | 17 | | | | |
| | I5353 | | 13 | | | 18 | | | | |



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|--------------|--------|-------|--------|--------|--------|--------|----|----|
| I5354 | SS 316 | 14 | 50 | 16 | 19 | 14 | 6 | 60 |
| I5925 | | 17 | | | 23 | 15 | | 65 |

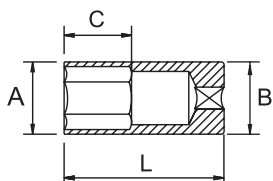
■ **MM - 12 PT.**






| | COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|--|-------|--------|---|--------|--------|--------|--------|----|---|----|
| | I5355 | SS 316 | 4 | 50 | 12 | 9,0 | 11 | 12 | 40 | |
| | I5356 | | 5 | | | 9,5 | | | | |
| | I5357 | | 6 | | | 11 | | | | |
| | I5358 | | 7 | | | 12 | | | | |
| | I5359 | | 8 | | 13 | 13 | 14 | | 42 | |
| | I5360 | | 9 | | 14 | 14 | | | 46 | |
| | I5361 | | 10 | | 15 | 15 | | | 50 | |
| | I5362 | | 11 | | 16 | 16 | 19 | | 55 | |
| | I5363 | | 12 | | | 17 | | | | |
| | I5364 | | 13 | | | 18 | | | | 14 |
| | I5365 | | 14 | | | 19 | | | | 60 |
| | I5926 | | 17 | | | 23 | 15 | | 65 | |



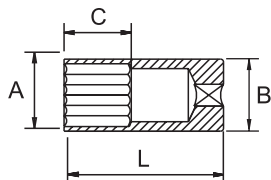
■ **INCH - 6 PT.**






|  | | | | | | | | |
|---|--------|---|--------|--------|--------|--------|----|---|
| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
| I5366 | SS 316 | 3/16 | 50 | 12 | 9,5 | 11 | 6 | 40 |
| I5367 | | 7/32 | | | 11 | | | |
| I5368 | | 1/4 | | | 12 | | | |
| I5369 | | 5/16 | | 13 | 13 | 14 | | 42 |
| I5370 | | 3/8 | | 15 | 15 | | | 50 |
| I5371 | | 7/16 | | 16 | 16 | | | 55 |
| I5372 | | 1/2 | | | 18 | | | |
| I5373 | | 9/16 | | | 19 | | | |



- 1/4"
- INCH - 12 PT.



|  | COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|---|-------|--------|---|--------|--------|--------|--------|----|--|
| | I5374 | SS 316 | 3/16 | 50 | 12 | 9,5 | 11 | 12 | 40 |
| | I5375 | | 7/32 | | | 11 | | | |
| | I5376 | | 1/4 | | | 12 | | | |
| | I5377 | | 5/16 | | 13 | 13 | | | 42 |
| | I5378 | | 3/8 | | 15 | 15 | 14 | | 50 |
| | I5379 | | 7/16 | | 16 | 16 | | | 55 |
| | I5380 | | 1/2 | | | 18 | | | 60 |
| | I5381 | | 9/16 | | | 19 | | | |



LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET RÉVERSIBLE / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

| COD. | MAT. | AF inch | L (mm) | g |
|-------|--------|------------|--------|-----|
| I5382 | SS 316 | 1/4 | 125 | 180 |








ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENCAO / УДЛИНИТЕЛЬ

| COD. | MAT. | AF inch | L (inch) | g |
|-------|--------|------------|----------|----|
| I5383 | SS 316 | 1/4 | 3 | 37 |



PUNTAS ATORNILLADORAS CON VASO / SOCKET BITS / EMBOUTS DE VISSAGE AVEC DOUILLE / STECKSCHLÜSSELEINSATZ / INSERTI A BUSSOLA / PONTAS APARAFUSADORAS COM CAIXA / ГОЛОВКИ-БИТЫ



| COD. | MAT. |  | L (mm) |  |  |  |
|-------|--------|---|--------|---|---|---|
| I5928 | SS 316 | 2 | 37 | 17 | ● | 10 |
| I5929 | | 3 | | 18 | | |
| I5930 | | 3,5 | | | | |
| I5931 | | 4 | | 20 | | |
| I5932 | | 5 | | | | |
| I5933 | | 6 | | | | |
| I5934 | | 8 | | 25 | | |
| I5935 | | 10 | | 40 | | |



ARTICULACIÓN UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELN / SNODO CARDANICO / CARDAN UNIVERSAL / ШАРНИР

| COD. | MAT. | AF inch | L (mm) | g |
|-------|--------|------------|--------|----|
| I5942 | SS 316 | 1/4 | 75 | 75 |

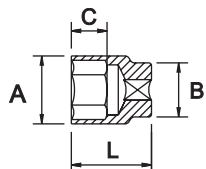


MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDICO / ПОДВИЖНАЯ "Т" РУЧКА



| COD. | MAT. | AF inch | L (mm) | g | | |
|-------|--------|------------|--------|-----|---|---|
| I5976 | SS 316 | 1/4 | 250 | 200 | ● | 5 |



- 3/8"
- STANDARD
- MM - 6 PT.

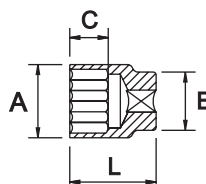


N!



| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|-------|--------|---|--------|--------|--------|--------|----|---|----|
| I5384 | SS 316 | 6 | 28 | 18 | 11 | 13 | 6 | 35 | |
| I5385 | | 7 | | | 12 | | | | |
| I5386 | | 8 | | | 13 | | | | |
| I5387 | | 9 | | | 14 | | | | |
| I5388 | | 10 | 32 | 20 | 15 | 20 | 6 | 50 | |
| I5389 | | 11 | | | 16 | | | | |
| I5390 | | 12 | | | 18 | | | | |
| I5391 | | 13 | | | 19 | | | | |
| I5392 | | 14 | | | 20 | | | | |
| I5393 | | 15 | | | 22 | | | | |
| I5394 | | 16 | | | 23 | 24 | | 55 | |
| I5395 | | 17 | | | 24 | | | 60 | |
| I5396 | | 19 | | | 26 | | | 65 | |
| I5397 | | 20 | | | 27 | | | 70 | |
| I5398 | | 22 | 35 | 30 | 25 | 22 | | 75 | 80 |



- MM - 12 PT.



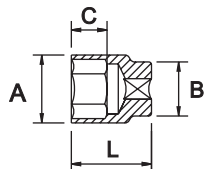
N!

| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|-------|--------|---|--------|--------|--------|--------|----|---|----|
| I5399 | SS 316 | 6 | 28 | 18 | 11 | 13 | 6 | 35 | |
| I5400 | | 7 | | | 12 | | | | |
| I5401 | | 8 | | | 13 | | | | |
| I5402 | | 9 | | | 14 | | | | |
| I5403 | | 10 | 32 | 20 | 15 | 20 | 6 | 50 | |
| I5404 | | 11 | | | 16 | | | | |
| I5405 | | 12 | | | 18 | | | | |
| I5406 | | 13 | | | 19 | | | | |
| I5407 | | 14 | | | 20 | | | | |
| I5408 | | 15 | | | 22 | | | | |
| I5409 | | 16 | | | 23 | 24 | | 55 | |
| I5410 | | 17 | | | 24 | | | 60 | |
| I5411 | | 19 | | | 26 | | | 65 | |
| I5412 | | 20 | | | 27 | | | 70 | |
| I5413 | | 22 | 35 | 30 | 25 | 22 | | 75 | 80 |



■ 3/8"

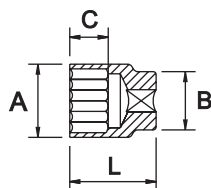
■ INCH - 6 PT.



| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|---------|--------|--------|--------|--------|----|----|
| I5414 | SS 316 | 1/4 | 28 | 18 | 11 | 13 | 6 | 35 |
| I5415 | | 5/16 | | | 13 | | | |
| I5416 | | 3/8 | | | 15 | | | |
| I5417 | | 7/16 | | | 16 | | | |
| I5418 | | 1/2 | 32 | 20 | 19 | 20 | 6 | 50 |
| I5419 | | 9/16 | | | 20 | | | |
| I5420 | | 5/8 | | | 21 | | | |
| I5421 | | 11/16 | | | 23 | | | |
| I5422 | | 3/4 | | | 24 | | | |
| I5423 | | 13/16 | | | 26 | | | |
| I5424 | | 1 | | | 27 | | | |
| I5425 | SS 316 | 1/4 | 28 | 18 | 11 | 13 | 6 | 35 |
| I5426 | | 5/16 | | | 13 | | | |
| I5427 | | 3/8 | | | 15 | | | |
| I5428 | | 7/16 | | | 16 | | | |
| I5429 | | 1/2 | 32 | 20 | 19 | 20 | 12 | 50 |
| I5430 | | 9/16 | | | 20 | | | |
| I5431 | | 5/8 | | | 21 | | | |
| I5432 | | 11/16 | | | 23 | | | |
| I5433 | | 3/4 | | | 24 | | | |
| I5434 | | 13/16 | | | 26 | | | |
| I5435 | | 1 | | | 27 | | | |
| I5436 | SS 316 | 1/4 | 28 | 18 | 11 | 13 | 6 | 35 |
| I5437 | | 5/16 | | | 13 | | | |
| I5438 | | 3/8 | | | 15 | | | |
| I5439 | | 7/16 | | | 16 | | | |
| I5440 | | 1/2 | 32 | 20 | 19 | 20 | 12 | 50 |
| I5441 | | 9/16 | | | 20 | | | |
| I5442 | | 5/8 | | | 21 | | | |
| I5443 | | 11/16 | | | 23 | | | |
| I5444 | | 3/4 | | | 24 | | | |
| I5445 | | 13/16 | | | 26 | | | |
| I5446 | | 1 | | | 27 | | | |
| I5447 | SS 316 | 1/4 | 28 | 18 | 11 | 13 | 6 | 35 |
| I5448 | | 5/16 | | | 13 | | | |
| I5449 | | 3/8 | | | 15 | | | |
| I5450 | | 7/16 | | | 16 | | | |
| I5451 | | 1/2 | 32 | 20 | 19 | 20 | 12 | 50 |
| I5452 | | 9/16 | | | 20 | | | |
| I5453 | | 5/8 | | | 21 | | | |
| I5454 | | 11/16 | | | 23 | | | |
| I5455 | | 3/4 | | | 24 | | | |
| I5456 | | 13/16 | | | 26 | | | |
| I5457 | | 1 | | | 27 | | | |
| I5458 | SS 316 | 1/4 | 28 | 18 | 11 | 13 | 6 | 35 |
| I5459 | | 5/16 | | | 13 | | | |
| I5460 | | 3/8 | | | 15 | | | |
| I5461 | | 7/16 | | | 16 | | | |
| I5462 | | 1/2 | 32 | 20 | 19 | 20 | 12 | 50 |
| I5463 | | 9/16 | | | 20 | | | |
| I5464 | | 5/8 | | | 21 | | | |
| I5465 | | 11/16 | | | 23 | | | |
| I5466 | | 3/4 | | | 24 | | | |
| I5467 | | 13/16 | | | 26 | | | |
| I5468 | | 1 | | | 27 | | | |
| I5469 | SS 316 | 1/4 | 28 | 18 | 11 | 13 | 6 | 35 |
| I5470 | | 5/16 | | | 13 | | | |
| I5471 | | 3/8 | | | 15 | | | |
| I5472 | | 7/16 | | | 16 | | | |
| I5473 | | 1/2 | 32 | 20 | 19 | 20 | 12 | 50 |
| I5474 | | 9/16 | | | 20 | | | |
| I5475 | | 5/8 | | | 21 | | | |
| I5476 | | 11/16 | | | 23 | | | |
| I5477 | | 3/4 | | | 24 | | | |
| I5478 | | 13/16 | | | 26 | | | |
| I5479 | | 1 | | | 27 | | | |



■ INCH - 12 PT.



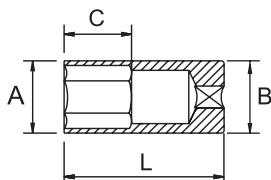
| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|---------|--------|--------|--------|--------|----|----|
| I5425 | SS 316 | 1/4 | 28 | 18 | 11 | 13 | 6 | 35 |
| I5426 | | 5/16 | | | 13 | | | |
| I5427 | | 3/8 | | | 15 | | | |
| I5428 | | 7/16 | | | 16 | | | |
| I5429 | | 1/2 | 32 | 20 | 19 | 20 | 12 | 50 |
| I5430 | | 9/16 | | | 20 | | | |
| I5431 | | 5/8 | | | 21 | | | |
| I5432 | | 11/16 | | | 23 | | | |
| I5433 | | 3/4 | | | 24 | | | |
| I5434 | | 13/16 | | | 26 | | | |
| I5435 | | 1 | | | 27 | | | |
| I5436 | SS 316 | 1/4 | 28 | 18 | 11 | 13 | 6 | 35 |
| I5437 | | 5/16 | | | 13 | | | |
| I5438 | | 3/8 | | | 15 | | | |
| I5439 | | 7/16 | | | 16 | | | |
| I5440 | | 1/2 | 32 | 20 | 19 | 20 | 12 | 50 |
| I5441 | | 9/16 | | | 20 | | | |
| I5442 | | 5/8 | | | 21 | | | |
| I5443 | | 11/16 | | | 23 | | | |
| I5444 | | 3/4 | | | 24 | | | |
| I5445 | | 13/16 | | | 26 | | | |
| I5446 | | 1 | | | 27 | | | |
| I5447 | SS 316 | 1/4 | 28 | 18 | 11 | 13 | 6 | 35 |
| I5448 | | 5/16 | | | 13 | | | |
| I5449 | | 3/8 | | | 15 | | | |
| I5450 | | 7/16 | | | 16 | | | |
| I5451 | | 1/2 | 32 | 20 | 19 | 20 | 12 | 50 |
| I5452 | | 9/16 | | | 20 | | | |
| I5453 | | 5/8 | | | 21 | | | |
| I5454 | | 11/16 | | | 23 | | | |
| I5455 | | 3/4 | | | 24 | | | |
| I5456 | | 13/16 | | | 26 | | | |
| I5457 | | 1 | | | 27 | | | |
| I5458 | SS 316 | 1/4 | 28 | 18 | 11 | 13 | 6 | 35 |
| I5459 | | 5/16 | | | 13 | | | |
| I5460 | | 3/8 | | | 15 | | | |
| I5461 | | 7/16 | | | 16 | | | |
| I5462 | | 1/2 | 32 | 20 | 19 | 20 | 12 | 50 |
| I5463 | | 9/16 | | | 20 | | | |
| I5464 | | 5/8 | | | 21 | | | |
| I5465 | | 11/16 | | | 23 | | | |
| I5466 | | 3/4 | | | 24 | | | |
| I5467 | | 13/16 | | | 26 | | | |
| I5468 | | 1 | | | 27 | | | |





■ 3/8"

■ SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

■ MM - 6 PT.

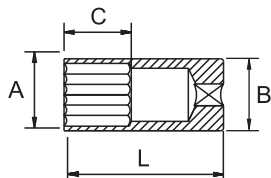


NI

| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|---|
| I5436 | SS 316 | 6 | 60 | 18 | 11 | 13 | 6 | 90 |
| I5437 | | 7 | | | 12 | | | |
| I5438 | | 8 | | | 13 | | | |
| I5439 | | 9 | | 14 | 20 | 15 | | 95 |
| I5440 | | 10 | | 16 | | | | |
| I5441 | | 11 | | 18 | | | | |
| I5442 | | 12 | | 19 | 21 | 20 | | 100 |
| I5443 | | 13 | | 20 | | | | |
| I5444 | | 14 | | 21 | | | | |
| I5445 | | 15 | | 22 | 24 | 20 | | 105 |
| I5446 | | 16 | | 23 | | | | |
| I5447 | | 17 | | 24 | | | | |
| I5448 | | 19 | | 26 | 22 | 140 | | |
| I5449 | | 20 | | 27 | | | | |
| I5450 | | 22 | | 30 | | | | |



■ MM - 12 PT.



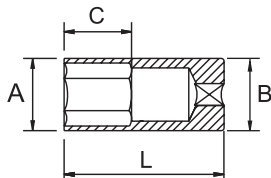
NI


| COD. | MAT. | <div>↓ AF mm ↑</div> | L (mm) | A (mm) | B (mm) | C (mm) | Pt | <div>g ↓ ↑</div> |
|-------|--------|------------------------------|--------|--------|--------|--------|----|--------------------------|
| I5451 | SS 316 | 6 | 60 | 18 | 11 | 13 | 12 | 90 |
| I5452 | | 7 | | | 12 | | | |
| I5453 | | 8 | | | 13 | | | |
| I5454 | | 9 | | 14 | 20 | 15 | | 95 |
| I5455 | | 10 | | 16 | | | | |
| I5456 | | 11 | | 18 | | | | |
| I5457 | | 12 | | 19 | 21 | 20 | | 100 |
| I5458 | | 13 | | 22 | | | | |
| I5459 | | 14 | | 23 | | | | |
| I5460 | | 15 | | 24 | 24 | 20 | | 105 |
| I5461 | | 16 | | 26 | | | | |
| I5462 | | 17 | | 27 | | | | |
| I5463 | | 19 | | 30 | 25 | 22 | | 110 |
| I5464 | | 20 | | 31 | | | | |
| I5465 | | 22 | | 32 | | | | |




■ 3/8"

■ INCH - 6 PT.

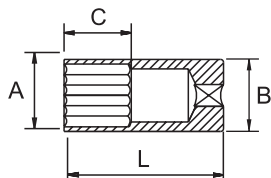







| COD. | MAT. | <div> <div>↓</div> <div>AF</div> <div>↑</div> </div> mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | <div>g</div>  |
|-------|--------|---|--------|--------|--------|--------|----|---|
| I5466 | SS 316 | 1/4 | 60 | 18 | 11 | 13 | 6 | 90 |
| I5467 | | 5/16 | | | 13 | | | |
| I5468 | | 3/8 | | | 15 | | | |
| I5469 | | 7/16 | | 20 | 16 | 20 | | 95 |
| I5470 | | 1/2 | | | 19 | | | 100 |
| I5471 | | 9/16 | | 21 | 20 | 24 | | 110 |
| I5472 | | 5/8 | | 23 | 21 | | | 120 |
| I5473 | | 11/16 | | 24 | 24 | | | 125 |
| I5474 | | 3/4 | | 26 | | | | 140 |
| I5475 | | 13/16 | | 27 | | | | 145 |
| I5476 | | 1 | | 30 | 25 | 22 | | 150 |



■ INCH - 12 PT.



|  | COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|---|-------|--------|---|--------|--------|--------|--------|-----|---|-----|
| | I5477 | SS 316 | 1/4 | 60 | 18 | 11 | 13 | 12 | 90 | |
| | I5478 | | 5/16 | | | 13 | | | | |
| | I5479 | | 3/8 | | | 15 | | | | |
| | I5480 | | 7/16 | | 20 | 16 | | | | 95 |
| | I5481 | | 1/2 | | | 19 | | | | 100 |
| | I5482 | | 9/16 | | 21 | 20 | 110 | | | |
| | I5483 | | 5/8 | | 23 | 21 | 120 | | | |
| | I5484 | | 11/16 | | 24 | 24 | 20 | | 125 | |
| | I5485 | | 3/4 | | 26 | | | | 140 | |
| | I5486 | | 13/16 | | 27 | | | | 145 | |
| | I5487 | | 1 | | 30 | 25 | 22 | 150 | | |



LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET RÉVERSIBLE / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

| COD. | MAT. | AF inch | L (mm) | g |
|-------|--------|---------|--------|-----|
| I5488 | SS 316 | 3/8 | 200 | 290 |



ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEIL / ADATTATORE / REDUTOR / АДАПТЕР

| COD. | MAT. | 3/8" - 1/2" | g |
|-------|--------|-------------|----|
| I5489 | SS 316 | 3/8" - 1/2" | 60 |



ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENCAO / УДЛИНИТЕЛЬ

N!

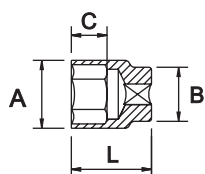
| COD. | MAT. | AF inch | L (inch) | 9 |
|-------|--------|---------|----------|-----|
| I5490 | SS 316 | 3/8 | 3 | 40 |
| I5491 | | | 8 | 160 |



1/2"

STANDARD

MM - 6 PT.

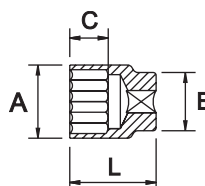


N!

| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | 9 |
|-------|--------|-------|--------|--------|--------|--------|----|-----|
| I5492 | SS 316 | 6 | 40 | 24 | 13 | 18 | 6 | 75 |
| I5493 | | 7 | | | 14 | | | |
| I5494 | | 8 | | | 15 | | | |
| I5495 | | 9 | | | 16 | | | |
| I5496 | | 10 | | | 17 | | | |
| I5497 | | 11 | | | 18 | | | |
| I5498 | | 12 | | | 19 | | | |
| I5499 | | 13 | | | 20 | | | |
| I5500 | | 14 | | | 21 | | | |
| I5501 | | 15 | 42 | 25 | 23 | 22 | 6 | 95 |
| I5502 | | 16 | | | 24 | | | |
| I5503 | | 17 | | | 25 | | | |
| I5504 | | 18 | | | 26 | | | |
| I5505 | | 19 | | | 28 | | | |
| I5506 | | 20 | | | 29 | | | |
| I5507 | | 21 | 43 | 30 | 26 | 25 | 6 | 110 |
| I5508 | | 22 | | | 31 | | | |
| I5509 | | 23 | | | 33 | | | |
| I5510 | | 24 | | | 34 | | | |
| I5511 | | 25 | | | 36 | | | |
| I5512 | | 26 | | | 37 | | | |
| I5513 | | 27 | 46 | 39 | 30 | 25 | 6 | 120 |
| I5514 | | 28 | | | 31 | | | |
| I5515 | | 29 | | | 41 | | | |
| I5516 | | 30 | | | 42 | | | |
| I5517 | | 32 | | | 43 | | | |
| I5518 | | 36 | | | 50 | | | |





MM - 12 PT.



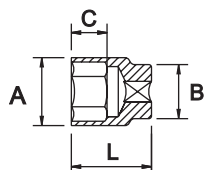
N!

| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | 9 |
|-------|--------|-------|--------|--------|--------|--------|----|----|
| I5519 | SS 316 | 6 | 40 | 24 | 13 | 18 | 12 | 75 |
| I5520 | | 7 | | | 14 | | | |
| I5521 | | 8 | | | 15 | | | |
| I5522 | | 9 | | | 16 | | | |



| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | | |
|-------|--------|---|--------|--------|--------|--------|----|---|--|--|--|
| I5523 | SS 316 | 10 | 40 | 24 | 17 | 18 | 12 | 80 | | | |
| I5524 | | 11 | | | 18 | | | | | | |
| I5525 | | 12 | | | 19 | | | | | | |
| I5526 | | 13 | | | 20 | | | | | | |
| I5527 | | 14 | | | 21 | | | | | | |
| I5528 | | 15 | 42 | 25 | 23 | 22 | 12 | 95 | | | |
| I5529 | | 16 | | | 24 | | | | | | |
| I5530 | | 17 | | | 26 | | | | | | |
| I5531 | | 18 | | | 25 | | | | | | |
| I5532 | | 19 | | | 28 | | | | | | |
| I5533 | | 20 | | | 29 | | | | | | |
| I5534 | | 21 | 43 | | 30 | 22 | | 110 | | | |
| I5535 | | 22 | | | 31 | | | | | | |
| I5536 | | 23 | | | 33 | | | | | | |
| I5537 | | 24 | | | 34 | | | | | | |
| I5538 | | 25 | | | 36 | | | | | | |
| I5539 | | 26 | | | 37 | | | | | | |
| I5540 | | 27 | 46 | | 38 | 25 | | 120 | | | |
| I5541 | | 28 | | | 39 | | | | | | |
| I5542 | | 29 | | | 41 | | | | | | |
| I5543 | | 30 | | | 42 | | | | | | |
| I5544 | | 32 | | | 43 | | | | | | |
| I5908 | | 34 | 50 | 50 | 36 | 25 | 12 | 125 | | | |
| I5545 | | 36 | | | | | | | | | |

INCH - 6 PT.

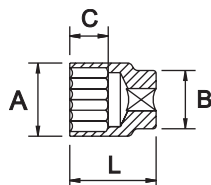



| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|---------|--------|--------|--------|--------|----|-----|
| I5546 | SS 316 | 1/4 | 40 | 24 | 13 | 18 | 6 | 75 |
| I5547 | | 5/16 | | | 15 | | | |
| I5548 | | 3/8 | | | 17 | | | |
| I5549 | | 7/16 | | | 18 | | | |
| I5550 | | 1/2 | | | 20 | | | |
| I5551 | | 9/16 | 42 | 25 | 21 | 22 | 6 | 80 |
| I5552 | | 19/32 | | | 23 | | | |
| I5553 | | 5/8 | | | 24 | | | |
| I5554 | | 11/16 | | | 25 | | | |
| I5555 | | 3/4 | 43 | 30 | 28 | 25 | 6 | 95 |
| I5556 | | 25/32 | | | 29 | | | |
| I5557 | | 13/16 | | | 26 | | | |
| I5558 | | 7/8 | | | 31 | | | |
| I5559 | | 15/16 | | | 34 | | | |
| I5560 | | 1 | 46 | 36 | 28 | 22 | 6 | 110 |
| I5561 | | 1.1/16 | | | 38 | | | |
| I5562 | | 1.1/8 | | | 41 | | | |
| I5563 | | 1.3/16 | | | 42 | | | |
| I5564 | | 1.1/4 | | | 43 | | | |
| I5565 | | 1.7/16 | 50 | 50 | 36 | 25 | 12 | 120 |





■ 1/2"

■ INCH - 12 PT.



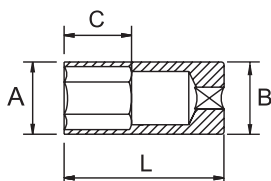


| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|-------|--------|---|--------|--------|--------|--------|-----|---|--|
| I5566 | SS 316 | 1/4 | 40 | 24 | 13 | 18 | 80 | 75 | |
| I5567 | | 5/16 | | | 15 | | | | |
| I5568 | | 3/8 | | | 17 | | | | |
| I5569 | | 7/16 | | | 18 | | | | |
| I5570 | | 1/2 | | | 20 | | | | |
| I5571 | | 9/16 | 42 | 25 | 21 | 22 | 95 | 80 | |
| I5572 | | 19/32 | | | 23 | | | | |
| I5573 | | 5/8 | | | 24 | | | | |
| I5574 | | 11/16 | | | 25 | | | | |
| I5575 | | 3/4 | | | 28 | | 12 | 110 | |
| I5576 | | 25/32 | 43 | 31 | 29 | | | | |
| I5577 | | 13/16 | | | 26 | | | | |
| I5578 | | 7/8 | | | 31 | | | | |
| I5579 | | 15/16 | | | 34 | 25 | | 130 | |
| I5580 | | 1 | 46 | 38 | 36 | | | | |
| I5581 | | 1.1/16 | | | 38 | | | | |
| I5582 | | 1.1/8 | | | 41 | | | | |
| I5583 | | 1.3/16 | | | 42 | | | | |
| I5584 | | 1.1/4 | | | 43 | | | | |
| I5585 | | 1.7/16 | 50 | 50 | 36 | 25 | 410 | 165 | |



■ SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

■ MM - 6 PT.

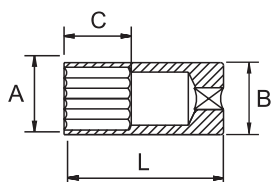


| COD. | MAT. | AF ^{mm} | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|------------------|--------|--------|--------|--------|-----|-----|
| I5586 | SS 316 | 6 | 82 | 24 | 13 | 18 | 200 | 195 |
| I5587 | | 7 | | | 14 | | | |
| I5588 | | 8 | | | 15 | | | |
| I5589 | | 9 | | | 16 | | | |
| I5590 | | 10 | | | 17 | | | |
| I5591 | | 11 | 82 | 25 | 18 | 22 | 240 | 230 |
| I5592 | | 12 | | | 19 | | | |
| I5593 | | 13 | | | 20 | | | |
| I5594 | | 14 | | | 21 | | | |
| I5595 | | 15 | | | 23 | | | |
| I5596 | | 16 | 82 | 26 | 24 | 25 | 250 | 240 |
| I5597 | | 17 | | | 25 | | | |
| I5598 | | 18 | | | 26 | | | |
| I5599 | | 19 | | | 28 | | | |
| I5600 | | 20 | | | 29 | | | |
| I5601 | | 21 | | | 30 | 26 | 250 | 240 |
| I5602 | | 22 | | | 31 | | | |





| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|-----|
| I5603 | SS 316 | 23 | 82 | 33 | 26 | 22 | 6 | 280 |
| I5604 | | 24 | | 34 | 28 | | | 310 |
| I5605 | | 25 | | 36 | | | | 380 |
| I5606 | | 26 | | 37 | | | | |
| I5607 | | 27 | | 38 | | | | 420 |
| I5608 | | 28 | | 39 | 30 | | | 430 |
| I5609 | | 29 | | 41 | | | | 450 |
| I5610 | | 30 | | 42 | | | | 490 |
| I5611 | | 32 | | 43 | 34 | | | 550 |
| I5909 | | 34 | | 48 | | 25 | | |
| I5612 | | 36 | | 50 | | | | 750 |

MM - 12 PT.



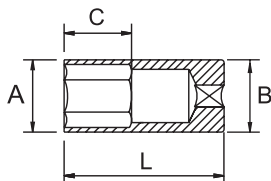
N!

| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | | |
|-------|--------|--|--------|--------|--------|--------|----|--|-----|--|
| I5613 | SS 316 | 6 | 82 | 24 | 13 | 18 | 12 | 195 | | |
| I5614 | | 7 | | | 14 | | | | | |
| I5615 | | 8 | | | 15 | | | | | |
| I5616 | | 9 | | | 16 | | | | | |
| I5617 | | 10 | | | 17 | | | | | |
| I5618 | | 11 | | | 18 | | | | | |
| I5619 | | 12 | | | 19 | | | | | |
| I5620 | | 13 | | | 20 | | | | | |
| I5621 | | 14 | | | 21 | | | | | |
| I5622 | | 15 | | | 23 | | | | | |
| I5623 | | 16 | | 25 | 24 | 22 | | 230 | | |
| I5624 | | 17 | | 26 | 25 | | | 240 | | |
| I5625 | | 18 | | | | | | | | |
| I5626 | | 19 | | | | | | | | |
| I5627 | | 20 | | | | | | | | |
| I5628 | | 21 | | | | | | | | |
| I5629 | | 22 | | | 26 | | | | | |
| I5630 | | 23 | | | 33 | | | 28 | 280 | |
| I5631 | | 24 | | | 34 | | | 310 | | |
| I5632 | | 25 | | | 36 | | | 380 | | |
| I5633 | | 26 | | | 37 | | | 420 | | |
| I5634 | | 27 | | | 38 | | | 430 | | |
| I5635 | | 28 | | | 39 | | | 450 | | |
| I5636 | | 29 | | | 41 | | | 490 | | |
| I5637 | | 30 | | | 42 | | | 550 | | |
| I5638 | | 32 | | | 43 | 34 | | 25 | 750 | |
| I5910 | | 34 | | | 48 | | | | | |
| I5639 | | 36 | | 50 | 36 | | | | | |



■ 1/2"

■ INCH - 6 PT.

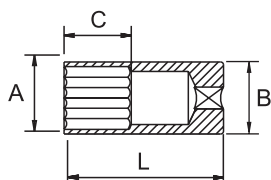


N!



| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|---------|--------|--------|--------|--------|----|-----|
| I5640 | SS 316 | 1/4 | 80 | 24 | 13 | 18 | 6 | 195 |
| I5641 | | 5/16 | | | 15 | | | |
| I5642 | | 3/8 | | | 17 | | | |
| I5643 | | 7/16 | | | 18 | | | 200 |
| I5644 | | 1/2 | | | 20 | | | |
| I5645 | | 9/16 | | 25 | 21 | 22 | 6 | |
| I5646 | | 19/32 | | | 23 | | | |
| I5647 | | 5/8 | | | 24 | | | 230 |
| I5648 | | 11/16 | | | 25 | | | |
| I5649 | | 3/4 | | 28 | | | | |
| I5650 | | 25/32 | | 29 | 26 | | | 240 |
| I5651 | | 13/16 | | 31 | | | | |
| I5652 | | 7/8 | | 34 | | | | 250 |
| I5653 | | 15/16 | | 36 | 28 | | | 310 |
| I5654 | | 1 | | 38 | | | | 380 |
| I5655 | | 1.1/16 | | 41 | 30 | | | 420 |
| I5656 | | 1.1/8 | | 42 | | | | 450 |
| I5657 | | 1.3/16 | | 43 | 34 | | | 490 |
| I5658 | | 1.1/4 | | 50 | 36 | 25 | | 550 |
| I5659 | | 1.7/16 | | | | | | 750 |





■ INCH - 12 PT.





N!

| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  | |
|-------|--------|---|--------|--------|--------|--------|----|---|--|
| I5660 | SS 316 | 1/4 | 80 | 24 | 13 | 18 | 12 | 195 | |
| I5661 | | 5/16 | | | 15 | | | | |
| I5662 | | 3/8 | | | 17 | | | | |
| I5663 | | 7/16 | | | 18 | | | 200 | |
| I5664 | | 1/2 | | | 20 | | | | |
| I5665 | | 9/16 | | 25 | 21 | 22 | | | |
| I5666 | | 19/32 | | | 23 | | | | |
| I5667 | | 5/8 | | | 24 | | | 230 | |
| I5668 | | 11/16 | | | 25 | | | | |
| I5669 | | 3/4 | | 28 | | | | | |
| I5670 | | 25/32 | | 29 | 26 | | | 240 | |
| I5671 | | 13/16 | | 31 | | | | | |
| I5672 | | 7/8 | | 34 | | | | 250 | |
| I5673 | | 15/16 | | 36 | 28 | | | 310 | |
| I5674 | | 1 | | 38 | | | | 380 | |
| I5675 | | 1.1/16 | | 41 | 30 | | | 420 | |
| I5676 | | 1.1/8 | | 42 | | | | 450 | |
| I5677 | | 1.3/16 | | 43 | 34 | | | 490 | |
| I5678 | | 1.1/4 | | | | | | 550 | |





| COD. | MAT. |  | L (mm) | A (mm) | B (mm) | C (mm) | Pt |  |
|-------|--------|---|--------|--------|--------|--------|----|---|
| I5679 | SS 316 | 1.7/16 | 80 | 50 | 36 | 25 | 12 | 750 |

LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET RÉVERSIBLE / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА

| COD. | MAT. |  | L (mm) |  |
|-------|--------|---|--------|--|
| I5680 | SS 316 | 1/2 | 250 | 700 |





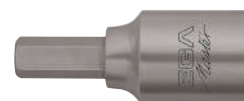
ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENCAO / УДЛИНИТЕЛЬ

| COD. | MAT. |  | L (inch) |  |
|-------|--------|---|----------|--|
| I5681 | SS 316 | 1/2 | 4 | 210 |
| I5682 | | | 5 | 260 |
| I5683 | | | 8 | 380 |
| I5684 | | | 10 | 500 |





PUNTAS ATORNILLADORAS CON VASO / SOCKET BITS / EMBOUTS DE VISSAGE AVEC DOUILLE / STECKSCHLÜSSELEINSATZ / INSERTI A BUSSOLA / PONTAS APARAFUSADORAS COM CAIXA / ГОЛОВКИ-БИТЫ

| COD. | MAT. |  | L (mm) |  |
|-------|--------|---|--------|--|
| I5936 | SS 316 | 4 | 60 | 60 |
| I5937 | | 5 | | 80 |
| I5938 | | 5,5 | | 90 |
| I5685 | | 6 | | 95 |
| I5939 | | 7 | | 100 |
| I5686 | | 8 | | 105 |
| I5940 | | 9 | | 110 |
| I5687 | | 10 | | 120 |
| I5688 | | 12 | | 150 |
| I5941 | | 14 | | 210 |
| I5689 | | 16 | | |
| I5690 | | 20 | | |





ARTICULACIÓN UNIVERSAL / UNIVERSAL JOINT / CARDAN UNIVERSEL / KARDANGELN / SNODO CARDANICO / CARDAN UNIVERSAL / ШАРНИР

| COD. | MAT. |  | L (mm) |  |
|-------|--------|---|--------|--|
| I5691 | SS 316 | 1/2" | 80 | 190 |

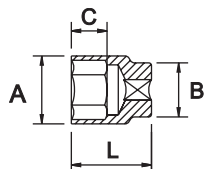


MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDICO / ПОДВИЖНАЯ "Т" РУЧКА

| COD. | MAT. |  | L (inch) |  |
|-------|--------|---|----------|--|
| I5692 | SS 316 | 1/2 | 10 | 340 |
| I5911 | | 3/4 | 12 | 950 |



- 3/4"
- STANDARD
- MM - 6 PT.

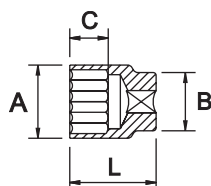


N!

| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|-----|
| I5693 | SS 316 | 17 | 50 | 38 | 28 | 22 | 6 | 250 |
| I5694 | | 19 | | | 30 | | | |
| I5695 | | 21 | | | 32 | | | |
| I5696 | | 22 | | | 33 | | | |
| I5697 | | 23 | 55 | 40 | 34 | 25 | 6 | 270 |
| I5698 | | 24 | | | 35 | | | |
| I5699 | | 26 | | | 38 | | | |
| I5700 | | 27 | | | 39 | | | |
| I5701 | | 28 | 60 | 50 | 41 | 30 | 6 | 310 |
| I5702 | | 29 | | | 42 | | | |
| I5703 | | 30 | | | 43 | | | |
| I5704 | | 32 | | | 45 | | | |
| I5705 | | 36 | 65 | 55 | 46 | 32 | 6 | 340 |
| I5706 | | 38 | | | 48 | | | |
| I5707 | | 41 | | | 48 | | | |
| I5708 | | 46 | | | 65 | | | |
| I5709 | | 50 | 70 | 70 | 50 | 35 | 6 | 750 |
| I5710 | | 55 | | | | | | |
| I5711 | | 60 | | | | | | |



- MM - 12 PT.



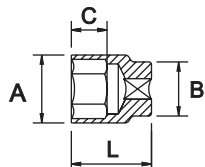
N!

| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|----|-----|
| I5712 | SS 316 | 17 | 50 | 38 | 28 | 22 | 6 | 250 |
| I5713 | | 19 | | | 30 | | | |
| I5714 | | 21 | | | 32 | | | |
| I5715 | | 22 | | | 33 | | | |
| I5716 | | 23 | 55 | 40 | 34 | 25 | 6 | 270 |
| I5717 | | 24 | | | 35 | | | |
| I5718 | | 26 | | | 38 | | | |
| I5719 | | 27 | | | 39 | | | |
| I5720 | | 28 | 60 | 50 | 41 | 30 | 6 | 310 |
| I5721 | | 29 | | | 42 | | | |
| I5722 | | 30 | | | 43 | | | |
| I5723 | | 32 | | | 45 | | | |
| I5724 | | 36 | 65 | 55 | 46 | 32 | 6 | 340 |
| I5725 | | 38 | | | 48 | | | |
| I5726 | | 41 | | | 48 | | | |
| I5727 | | 46 | | | 65 | | | |
| I5728 | | 50 | 70 | 70 | 50 | 35 | 6 | 750 |
| I5729 | | 55 | | | | | | |
| I5730 | | 60 | | | | | | |



■ 3/4"

■ INCH - 6 PT.

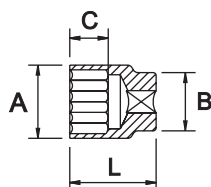


N!

| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|---------|--------|--------|--------|--------|----|------|
| I5731 | SS 316 | 3/4 | 50 | | 31 | | | |
| I5732 | | 13/16 | | 38 | 32 | | | 270 |
| I5733 | | 7/8 | | | 33 | 25 | | |
| I5734 | | 15/16 | | | 35 | | | |
| I5735 | | 1 | 55 | 40 | 37 | | | 310 |
| I5736 | | 1.1/16 | | | 39 | | | |
| I5737 | | 1.1/8 | | 42 | 40 | 28 | | 340 |
| I5738 | | 1.3/16 | | 43 | 43 | | | 350 |
| I5739 | | 1.1/4 | | 45 | 45 | | | 470 |
| I5740 | | 1.7/16 | 60 | | | 30 | 6 | |
| I5741 | | 1.1/2 | | | 46 | | | 550 |
| I5742 | | 1.9/16 | | 55 | | | | |
| I5743 | | 1.5/8 | | | 48 | | | 650 |
| I5744 | | 1.3/4 | 65 | | | 32 | | |
| I5745 | | 1.13/16 | | 65 | | | | 750 |
| I5746 | | 1.7/8 | | | | | | |
| I5747 | | 2 | 70 | 70 | 50 | | | 900 |
| I5748 | | 2.3/16 | 75 | 75 | | 35 | | 1250 |
| I5749 | | 2.3/8 | | 80 | | | | 1400 |



■ INCH - 12 PT.



N!

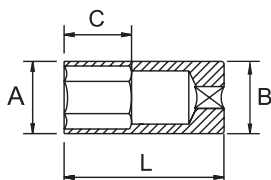
| COD. | MAT. | AF inch | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|---------|--------|--------|--------|--------|----|------|
| I5750 | SS 316 | 3/4 | 50 | | 31 | | | |
| I5751 | | 13/16 | | 38 | 32 | | | 270 |
| I5752 | | 7/8 | | | 33 | 25 | | |
| I5753 | | 15/16 | | | 35 | | | |
| I5754 | | 1 | 55 | 40 | 37 | | | 310 |
| I5755 | | 1.1/16 | | | 39 | | | |
| I5756 | | 1.1/8 | | 42 | 40 | 28 | | 340 |
| I5757 | | 1.3/16 | | 43 | 43 | | | 350 |
| I5758 | | 1.1/4 | | 45 | 45 | | | 470 |
| I5759 | | 1.7/16 | 60 | | | 30 | 12 | |
| I5760 | | 1.1/2 | | | 46 | | | 550 |
| I5761 | | 1.9/16 | | 55 | | | | |
| I5762 | | 1.5/8 | | | 48 | | | 650 |
| I5763 | | 1.3/4 | 65 | | | 32 | | |
| I5764 | | 1.13/16 | | 65 | | | | 750 |
| I5765 | | 1.7/8 | | | | | | |
| I5766 | | 2 | 70 | 70 | 50 | | | 900 |
| I5767 | | 2.3/16 | 75 | 75 | | 35 | | 1250 |
| I5768 | | 2.3/8 | | 80 | | | | 1400 |



■ 3/4"

■ SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

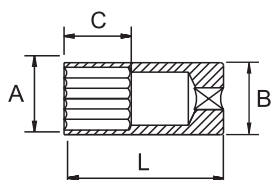
■ MM - 6 PT.



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|------|---|
| I5769 | SS 316 | 17 | 90 | 38 | 28 | 22 | 500 | |
| I5770 | | 19 | | | 30 | | | |
| I5771 | | 21 | | | 32 | | | |
| I5772 | | 22 | | 40 | 33 | | 550 | |
| I5773 | | 23 | | | 34 | 25 | | |
| I5774 | | 24 | | | 35 | | | |
| I5775 | | 26 | | | 38 | | | |
| I5776 | | 27 | | | 39 | | | |
| I5777 | | 28 | 100 | 41 | 40 | 28 | 600 | |
| I5778 | | 29 | | 42 | | | | |
| I5779 | | 30 | | 43 | 43 | | | |
| I5780 | | 32 | | 45 | 45 | 30 | 700 | |
| I5781 | | 36 | | 50 | | | | |
| I5782 | | 38 | | 53 | 46 | | | |
| I5783 | | 41 | | 57 | 48 | | 950 | |
| I5784 | | 46 | | 65 | 50 | 32 | 1300 | |
| I5785 | | 50 | | 70 | | | 1450 | |
| I5786 | | 55 | | 75 | | 35 | 1800 | |
| I5787 | | 60 | | 80 | | | 2150 | |



■ MM - 12 PT.



| COD. | MAT. | AF mm | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|-------|--------|--------|--------|--------|------|---|
| I5788 | SS 316 | 17 | 90 | 38 | 28 | 22 | 500 | |
| I5789 | | 19 | | | 30 | | | |
| I5790 | | 21 | | | 32 | | | |
| I5791 | | 22 | | 40 | 33 | | 550 | |
| I5792 | | 23 | | | 34 | 25 | | |
| I5793 | | 24 | | | 35 | | | |
| I5794 | | 26 | | | 38 | | | |
| I5795 | | 27 | | | 39 | | | |
| I5796 | | 28 | 100 | 41 | 40 | 28 | 600 | |
| I5797 | | 29 | | 42 | | | | |
| I5798 | | 30 | | 43 | 43 | | | |
| I5799 | | 32 | | 45 | 45 | 30 | 700 | |
| I5800 | | 36 | | 50 | | | | |
| I5801 | | 38 | | 55 | 46 | | | |
| I5802 | | 41 | | 57 | 48 | | 950 | |
| I5803 | | 46 | | 65 | 50 | 32 | 1300 | |
| I5804 | | 50 | | 70 | | | 1450 | |
| I5805 | | 55 | | 75 | | 35 | 1800 | |
| I5806 | | 60 | | 80 | | | 2150 | |



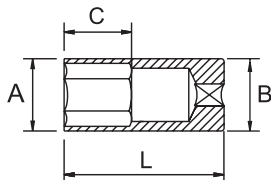
41


HERRAMIENTA INOX
INOX (STAINLESS STEEL) TOOLS
OUTILLAGE INOX
INOX WERKZEUGE
UTENSILI INOX
FERRAMENTA INOX
ИНСТРУМЕНТ ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ



■ 3/4"

■ INCH - 6 PT.

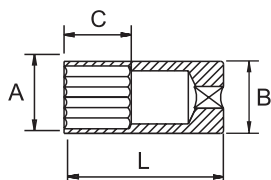







| COD. | MAT. | L (mm) | A (mm) | B (mm) | C (mm) | Pt | g |
|-------|--------|--------|--------|--------|--------|------|-----|
| I5807 | SS 316 | 90 | 38 | 31 | 25 | 550 | 6 |
| I5808 | | | | 32 | | | |
| I5809 | | | | 33 | | | |
| I5810 | | | | 35 | | | |
| I5811 | | | | 37 | | | |
| I5812 | | | | 39 | | | |
| I5813 | | 100 | 55 | 42 | 40 | 28 | 600 |
| I5814 | | | | 43 | 43 | 30 | 650 |
| I5815 | | | | 45 | 45 | | 700 |
| I5816 | | | | 55 | 46 | | 950 |
| I5817 | | | | | 48 | | |
| I5818 | | | | | 48 | | |
| I5819 | | 100 | 55 | 50 | 32 | 1300 | |
| I5820 | | | | | | | 48 |
| I5821 | | | | | | | 48 |
| I5822 | | | | | | | 48 |
| I5823 | | | | | | | 48 |
| I5824 | | | | | | | 48 |
| I5825 | | 48 | 48 | 48 | 48 | 48 | |



■ INCH - 12 PT.





| COD. | MAT. | <div>  </div> | L (mm) | A (mm) | B (mm) | C (mm) | Pt | <div>  </div> |
|-------|--------|--|--------|--------|--------|--------|------|--|
| I5826 | SS 316 | 3/4 | 90 | 38 | 31 | 25 | 550 | |
| I5827 | | 13/16 | | | 32 | | | |
| I5828 | | 7/8 | | | 33 | | | |
| I5829 | | 15/16 | | 35 | | | | |
| I5830 | | 1 | | 37 | | | | |
| I5831 | | 1.1/16 | | 39 | | | | |
| I5832 | | 1.1/8 | 42 | 40 | 28 | 600 | | |
| I5833 | | 1.3/16 | 43 | 43 | 30 | 650 | | |
| I5834 | | 1.1/4 | 45 | 45 | | 700 | | |
| I5835 | | 1.7/16 | 55 | 46 | | 12 | 950 | |
| I5836 | | 1.1/2 | | | | | | |
| I5837 | | 1.9/16 | | | | | | |
| I5838 | | 1.5/8 | 100 | 65 | 50 | 32 | 1300 | |
| I5839 | | 1.3/4 | | | | | | |
| I5840 | | 1.13/16 | | | | | | |
| I5841 | | 1.7/8 | | 70 | 50 | 35 | 1450 | |
| I5842 | | 2 | | | | | | |
| I5843 | | 2.3/16 | | | | | | |
| I5844 | | 2.3/8 | | | | | 80 | 2100 |



■ **ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENCAO / УДЛИНИТЕЛЬ**

| COD. | MAT. | AF inch ↑ ↓ inch | L (inch) | g |
|-------|--------|------------------------------|----------|-----|
| I5845 | SS 316 | 3/4 | 4 | 330 |
| I5846 | | | 8 | 700 |
| I5847 | | | 10 | 900 |



■ **LLAVES ESPECIALES / SPECIAL WRENCHES / CLÉS SPÉCIALES / SPEZIELL ZANGEN / CHIAVI SPECIALI / CHAVES ESPECIAIS / КЛЮЧИ СПЕЦИАЛЬНЫЕ**

■ **LLAVE DE GANCHO ARTICULADA / ADJUSTABLE HOOK SPANNER / CLÉ À ERGOT ARTICULÉE / ZANGE MIT VERSTELLBARE BACKE / CHIAVE A SETTORE REGOLABILE / CHAVE DE GANCHO ARTICULADA / РУГУЛИРУЕМЫЙ КЛЮЧ КРЮК**

| COD. | MAT. | CAP. (mm) | L (mm) | g |
|-------|--------|-----------|--------|-----|
| I5971 | SS 316 | 19-50 | 160 | 105 |
| I5977 | | 35-60 | 190 | 150 |
| I5912 | | 50-65 | | |
| I5972 | | 32-75 | 210 | 230 |
| I5848 | | 50-120 | 290 | 450 |
| I5913 | | 90-155 | 330 | 650 |



■ **LLAVE DE GANCHO CON PIN ARTICULADA / ADJUSTABLE HOOK SPANNER WITH PIN / CLÉ À ERGOT ARTICULÉE AVEC CROCHET / VERSTELLBARE HAKENSCHLÜSSEL MIT PIN / CHIAVE A SETTORE ARTICOLATA CON PIN / CHAVES DE UNHA ARTICULADA COM PIN / КЛЮЧ-КРЮК С ШАРНИРОМ**

| COD. | MAT. | CAP. (mm) | L (mm) | g |
|-------|--------|-----------|--------|-----|
| I5973 | SS 316 | 19-35 | 160 | 115 |
| I5974 | | 35-50 | 210 | 230 |



■ **LLAVE DE GANCHO / HOOK SPANNER / CLÉ À ERGOT / ECKZANGE / CHIAVE A SETTORE / CHAVE DE GANCHO / КЛЮЧ КРЮК**

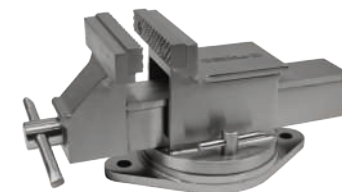
| COD. | MAT. | L (mm) | CAP. Ø (mm) | CAP. Ø (inch) | g |
|-------|--------|--------|-------------|----------------|-----|
| I5978 | SS 316 | 135 | 30-32 | 1.3/16-1.1/4 | 60 |
| I5979 | | 170 | 34-36 | 1.5/16-1.13/32 | 90 |
| I5980 | | | 40-42 | 1.9/16-1.21/32 | 100 |
| I5981 | | 210 | 45-50 | 1.3/4-2 | 150 |
| I5982 | | | 52-55 | 2.1/16-2.3/16 | |
| I5983 | | 240 | 58-62 | 2.9/32-2.7/16 | 210 |
| I5984 | | | 68-75 | 2.11/16-3 | 250 |
| I5985 | | 280 | 80-90 | 3.1/8-3.1/2 | 370 |



■ **TORNILLO DE BANCO PARALELO / PARALLEL BENCH VICE / ÉTAU À MORS PARALLELES / PARALLELSCHRAUBSTÖCKE / Morsa da Banco Paralela / Torno de Bancada Paralelo / ТИСКИ**


■ **GIRATORIO / SWIVEL / TOURNANT / DREHBARE / Morsa Girevole / Base Giratoria / Побороторное**





| COD. | MAT. | inch ↑ ↓ mm | mm ↑ ↓ mm | Kg |
|-------|--------|----------------------|--------------------|-----|
| I5918 | SS 316 | 4 | 100 | 7,0 |
| I5919 | | 6 | 140 | 20 |
| I5920 | | 8 | 200 | 30 |
| I5921 | | 10 | 250 | 45 |







■ **DESTORNILLADORES / SCREWDRIVERS / TOURNEVIS / SCHRAUBENDREHER / CACCIATIVITI / CHAVES DE FENDA / ОТВЕРТКИ**

■ **ELECTRICISTA / ELECTRICIAN / ELECTRICIEN / ELEKTRIKER / PER ELETTRICISTI / ELETRICISTA / ELETRICISTA**







| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|---|---|---|--|
| I5849 | SS 316 | 3 | 75 | 160 | 45 |
| I5850 | | 3,5 | 100 | 185 | |
| I5851 | | 4 | | | |
| I5852 | | 5 | | | 230 |
| I5853 | | 5,5 | | | |
| I5854 | | 6 | 150 | 270 | |
| I5855 | | 8 | | | 280 |







| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|--|--|--|---|
| I5856 | SS 316 | 10 | 200 | 330 | 180 |
| I5857 | | | 300 | 430 | 200 |
| I5858 | | 12 | 200 | 330 | 230 |
| I5859 | | 14 | 250 | 380 | 300 |

■ PHILLIPS®*

| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|--|--|--|---|
| I5860 | SS 316 | PH0 | 60 | 145 | 38 |
| I5861 | | PH1 | 80 | 165 | 75 |
| I5862 | | PH2 | 100 | 220 | 90 |
| I5863 | | PH3 | 150 | 280 | 145 |
| I5864 | | PH4 | 200 | 330 | |






■ POZIDRIV®*

| COD. | MAT. |  mm |  mm |  mm |  g |
|-------|--------|--|--|--|---|
| I5865 | SS 316 | PZ0 | 50 | 135 | 34 |
| I5866 | | PZ1 | 75 | 160 | 43 |
| I5867 | | PZ2 | 100 | 220 | 80 |
| I5868 | | PZ3 | 150 | 280 | 140 |
| I5869 | | PZ4 | 200 | 330 | 220 |






■ PUNTAS DE DESTORNILLADOR / BITS / EMBOUTS DE VISSAGE / BITS / INSERTI / PONTAS / БИТЫ

■ PLANA / FLAT / À FENTE / FLACH / PIATTA / PLANA / ПЛОСКАЯ

| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|--|--------|--|---|
| I5950 | SS 316 | 3 x 0,5 | 25 | 1/4 | 4,0 |
| I5951 | | 4 x 0,5 | | | |
| I5952 | | 4,5 x 0,6 | | | 4,5 |
| I5953 | | 5 x 0,8 | | | |
| I5954 | | 5,5 x 0,8 | | | 5,0 |
| I5955 | | 6 x 1,2 | | | |
| I5956 | | 6,5 x 1,2 | | | 6,0 |
| I5957 | | 8 x 1,6 | | | 7,0 |






■ PHILLIPS®*

| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|--|--------|--|---|
| I5958 | SS 316 | PH-1 | 25 | 1/4 | 4,0 |
| I5959 | | PH-2 | | | 4,5 |
| I5960 | | PH-3 | | | 6,5 |






■ POZIDRIV®*

| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|--|--------|--|---|
| I5968 | SS 316 | PZ-1 | 25 | 1/4 | 4,0 |
| I5969 | | PZ-2 | | | 4,5 |
| I5970 | | PZ-3 | | | 6,5 |






■ HEXAGONAL / HEXAGONAL / HEXAGONALE / HEXAGONAL / ESAGONALE / HEXAGONAL / ШЕСТИГРАННАЯ




| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|--|--------|--|---|
| I5943 | SS 316 | 3 | 25 | 1/4 | 4,0 |
| I5944 | | 4 | | | 4,4 |



* Para tornillos PHILLIPS® (Marca registrada por Phillips Screw Company) / *For screws PHILLIPS® (Phillips Screw Company registered trademark) / *Pour vis PHILLIPS® (Marque enregistrée par Phillips Screw Company)
 * Para tornillos POZIDRIV® (Marca registrada por European Ind. Serv. Ltd.) / *For screws POZIDRIV® (European Ind. Serv. Ltd. registered trademark) / *Pour vis POZIDRIV® (Marque enregistrée par European Ind. Serv. Ltd.)



| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|---|--------|---|--|
| I5945 | SS 316 | 4,5 | 25 | 1/4 | 4,7 |
| I5946 | | 5 | | | 5,0 |
| I5947 | | 5,5 | | | 5,5 |
| I5948 | | 6 | | | 6,0 |
| I5949 | | 6,5 | | | 6,5 |

TORX®

| COD. | MAT. |  mm | L (mm) |  inch |  g |
|-------|--------|---|--------|---|--|
| I5961 | SS 316 | T-10 | 25 | 1/4 | 3,5 |
| I5962 | | T-15 | | | 3,8 |
| I5963 | | T-20 | | | 4,0 |
| I5964 | | T-25 | | | 4,7 |
| I5965 | | T-27 | | | 5,0 |
| I5966 | | T-30 | | | 5,0 |
| I5967 | | T-40 | | | 6,5 |




CORTAFRÍOS CILÍNDRICO / CYLINDRICAL COLD CHISEL / BÉDANE CYLINDRIQUE / ZYLINDRISCHE MEISSEL / SCALPELLO CILINDRICO TAGLIO A FREDDO / ESCOPRO CILINDRICO / ЦИЛИНДРИЧЕСКОЕ ЗУБЛЮ

| COD. | MAT. | L (mm) |  O.D. mm |  g |
|-------|--------|----------|---|--|
| I5870 | SS 316 | 16 x 160 | 16 | 230 |
| I5871 | | 18 x 200 | 18 | 380 |
| I5872 | | 24 x 300 | 24 | 1000 |
| I5873 | | 25 x 400 | 25 | 1500 |
| I5874 | | 30 x 500 | 30 | 2750 |



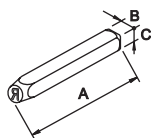
BOTADORES CILÍNDRICOS / PIN PUNCHES / CHASSES GOUPILLES / DURCHSCHLÄGER / PUNZONE CILINDRICO / PUNÇÕES CILÍNDRICOS / ПРОБОЙНИКИ


| COD. | MAT. | Ø (m) | Ø 1 (mm) | L (mm) |  g |
|-------|--------|-------|----------|--------|--|
| I5875 | SS 316 | 2 | 8 | 110 | 36 |
| I5876 | | 3 | 9 | | 44 |
| I5877 | | 4 | 10 | | 50 |
| I5878 | | 5 | 11 | 115 | 65 |
| I5879 | | 6 | 12 | | 80 |
| I5880 | | 7 | 13 | 120 | 100 |



JUEGOS DE GOLPE / PUNCHES / JEUX DE CLÉS À CHOC / DURCHSCHLÄGE / PUNZONI / JOGOS DE PANCADA / МЕТЧИКИ

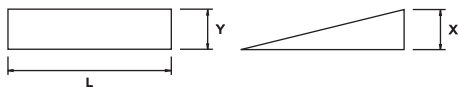
NÚMEROS / NUMBERS / CHIFFRES / NUMMER / NUMERI / NÚMEROS / ЦИФРЫ



| COD. | MAT. | Altura (mm) / Height (mm) / Hauteur (mm) | A (mm) | B (mm) | C (mm) |  g |
|-------|--------|--|--------|--------|--------|--|
| I5914 | SS 316 | 5 | 60 | 7 | 7 | 220 |



■ CUÑA / WEDGE / COIN / KEIL / CUNEO / CUNHA / КЛИН



| COD. | MAT. | L (mm) | Y | X | g |
|-------|--------|--------|----|----|------|
| I5882 | SS 316 | 80 | 13 | 6 | 25 |
| I5883 | | 100 | | 10 | 200 |
| I5884 | | 150 | | 13 | 380 |
| I5885 | | 180 | 50 | 19 | 700 |
| I5886 | | 200 | | 12 | 470 |
| I5887 | | 250 | 40 | 30 | 1250 |
| I5888 | | 300 | 50 | 40 | 2450 |



■ PALANCA / PINCHBAR / PINCE À TALON / BRECHSTANGE / LEVA / AVALANCA / МОНИТРОВКА

| COD. | MAT. | L (mm) | Kg |
|-------|--------|----------|------|
| I5889 | SS 316 | 15 x 500 | 750 |
| I5890 | | 19 x 500 | 1100 |
| I5891 | | 20 x 500 | 1300 |
| I5892 | | 23 x 500 | 1750 |
| I5893 | | 23 x 800 | 2650 |



■ CUCHILLOS / KNIVES / COUTEAUX / MESSER / COLTELLI / FACA / НОЖИ

| COD. | MAT. | L (mm) | L (mm) | g |
|-------|--------|--------|--------|-----|
| I5915 | SS 316 | 250 | 145 | 200 |



■ MARTILLOS / HAMMERS / MARTEAUX / HÄMMER / MARTELLI / MARTELOS / МОЛОТКИ

■ MARTILLO DE BOLA / BALL PEIN HAMMER / MARTEAU À BOULE / SCHLOSSER HAMMER / MARTELLO A PALLA / MARTELO DE BOLA / МОЛОТОК С ШАРОВОЙ ГОЛОВКОЙ

| COD. | MAT. | g | L (mm) |
|-------|--------|-----|--------|
| I5917 | SS 316 | 450 | 250 |



■ ARCO DE SIERRA / HACK SAW / MONTURE DE SCIE À METAUX / METALLSÄGEBÖGEN / ARCHETTI / ARCOS DE SERRA / НОЖОВКА

| COD. | MAT. | inch | mm | g | mm |
|-------|--------|------|-----|-----|----|
| I5916 | SS 316 | 12" | 300 | 800 | 1 |





MASSILLY (France)

Pierre Laripe
Team Leader

"As a team leader, I recommend this equipment that will help us improve the safety and efficiency of our maintenance operations. No more wrenches left in the machines!"