

INOX

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

41



INOX



INOX

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
Tolerancia cero o baja a contaminación y partículas <i>Zero or low tolerance to contamination and particles</i> Tolérance base ou zéro à la contamination et aux particules	Producción esterilizada en entornos críticos <i>Sterile production in critical environments</i> Production stérilisée dans des milieux critiques	Laboratorios / <i>Laboratories</i> / Laboratoires	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. <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> 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	Los materiales y el acabado utilizados en su producción permiten su esterilización miles de veces. <i>Materials and finishing used in their production enables sterilizing them thousands of times</i> Les matériaux et la finition utilisés dans sa fabrication lui permettent plus de 1000 stérilisations.
		Biotechnología y biomedicina <i>Biotech and biomedical</i> Biotechnologie et biomedical		
		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		
Evitar la oxidación prematura de piezas por la contaminación de partículas <i>Avoiding premature rust of parts by particle contamination</i> Évite l'échange d'oxydation de pièces par la contamination de particules	El uso de herramientas en componentes de acero inoxidable, tales como tornillos, tuercas, arandelas, tubos, barras, etc. <i>Using tools on Stainless Steel components such as screws, nuts, washers, pipes, bars, etc.</i> L'utilisation d'outils en acier inoxydable tout comme les vis, les écrous, rondelles, tubes, barres, etc.	Sector naval / <i>Ship building</i> / Secteur naval	Las herramientas de acero al carbono pueden dejar pequeñas partículas sobre los componentes de acero inoxidable, los cuales se pueden contaminar, y oxidarse <i>Carbon steel tools can leave small particles on stainless steel components, which will get contaminated, and make them rust</i> Les outils en acier de carbone peuvent laisser des petites particules sur les composants en acier inoxydables, qui peuvent être contaminés et oxydés	Las herramientas de acero inoxidable no contaminan otros componentes de acero INOX y, por lo tanto, no se produce su oxidación <i>Stainless steel tools will not contaminate other SS components and thus not make them get rusted</i> Les outils en aciers inoxydables ne contamineront les autres composants et par conséquent ne produiront aucune oxydation
		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		
Aumento de la vida útil de la herramienta <i>Increasing tool lifetime</i> Augmentation de la durée de vie utile des outils	Entornos corrosivos <i>Corrosive environments</i> Milieux corrosifs	Naval (buques / mantenimiento de barcos) <i>Naval (vessels / ship maintenance)</i> Naval (navires / manutention de bateaux)	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 <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> 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	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 <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> 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 repare la pellicule
		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

BIMAT | 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

BIMAT | 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

BIMAT | 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

BIMAT | 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**

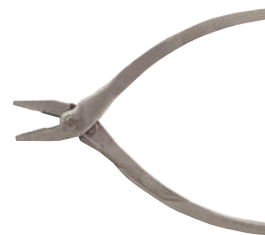
COD.	MAT.	L (mm)	O.D. mm	g
38234	SS 420	140	8-13	190
38272			12-25	
38893		200	19-60	290
38273		250	40-100	420



■ **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

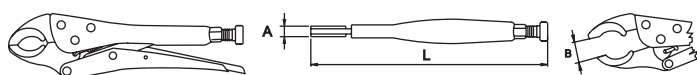


■ PICO DE LORO / GROOVE JOINT / MULTIPRISE À CRÉMAILLÈRE / WASSERPUMPENZANGE / PINZE REGOLABILI / BICO DE PAPAGAIO / КЛЕЩИ ЖЕЛОБКОВОГО ТИПА

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	●



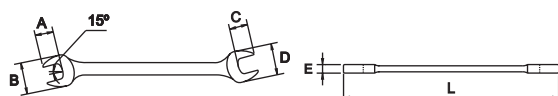
■ **LLAVES / WRENCHES / CLÉS / SCHLÜSSEL / CHIAVI / CHAVES / КЛЮЧИ**

■ **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**

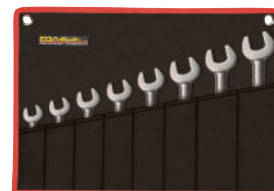


COD.	MAT.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g
39008	SS 420	5,5-7	90	6	13	7	15	4	19
38622		6-7							
38623		8-9	100	8	18	9	24	5	38
38624		10-11							
38625		12-13	130	14	31	12	27	6	60
38626		14-15							
38627		16-17	165	17	37	19	41	7,5	140
38650		18-19							
38621		19-22	180	19	41	22	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 ТРЕЩЕТЧНЫЙ 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	500	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

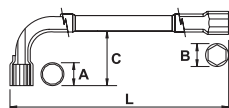
COD.	MAT.	g
69342	SS 420	300

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



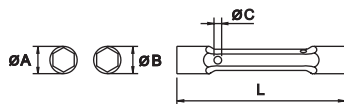
LLAVES DE PIPA ABIERTAS / ANGLED OPEN SOCKETS / CLÉS À PIPE DEBOUCHEES / PFEIFENKOPFSCHLÜSSEL / CHIAVI A PIPA APERTE / DE CACHIMBO ABERTAS / КЛЮЧ С ИЗОГНУТЫМИ ГОЛОВКАМИ



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		35	37		870		
36718		24-27	195						
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

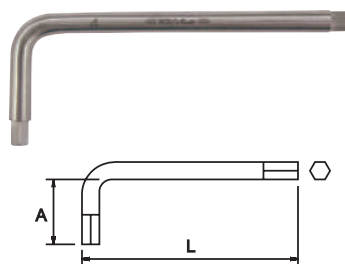


LLAVES HEXAGONALES / HEXAGONAL KEYS / CLÉS MÂLES / INBUSSCHLÜSSEL / CHIAVI ESAGONALI / CHAVES HEXAGONAIS / ШЕСТИГРАННЫЕ КЛЮЧИ

STANDARD

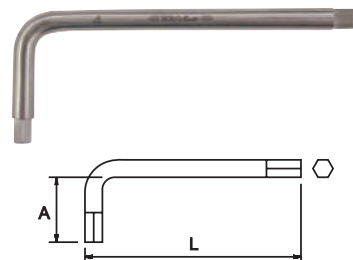
MM

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

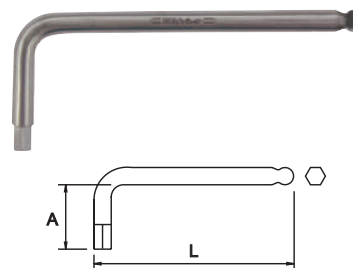
COD.	MAT.		L (mm)	A (mm)		
38605	SS 420	1/16	45	14	3,0	
38603		5/64	50	16	3,3	
38604		3/32	60	18	4,0	
39106		7/64	65	20	10	
38589		1/8				
38590		9/64				
38591		5/32	75	25	15	
38592		3/16				85
38593		7/32	95	32	40	
38594		1/4	100	34		
39107		9/32				
38595		5/16	110	36		50
39108		11/32	115	38		
38596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

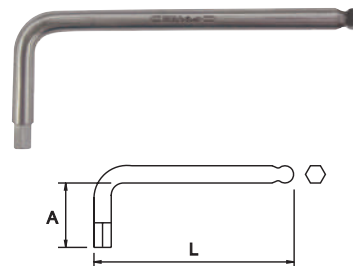
MM

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

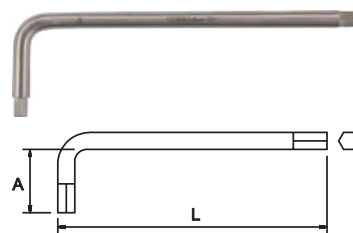
COD.	MAT.	AF inch	L (mm)	A (mm)	g
38948	SS 420	1/16	47	14	2,5
38949		5/64	55	16	
38950		3/32	60	18	3
38951		7/64	65	20	5
38952		1/8			
38953		9/64	75	25	10
38954		5/32			
38955		3/16	85	28	20
38956		7/32	95	32	25
38957		1/4	105	34	40
38958		5/16	110	36	80
38959		3/8	115	38	120
38960		1/2	155	55	200



SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE 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

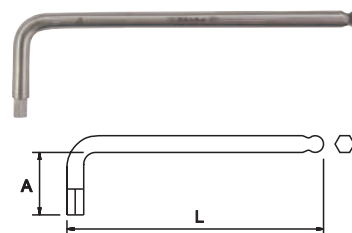


COD.	MAT.	AF mm	L (mm)	A (mm)	g
38052	SS 420	6	145	32	50
38053		7	155	34	70
38054		8	160	36	100
38055		9	175	38	150
38056		10	180	40	180
38057		11	190	42	250
38058		12	200	45	290

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

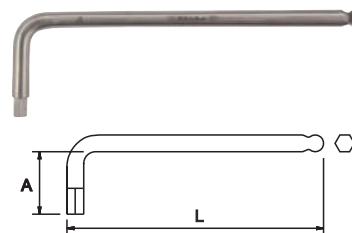
MM

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



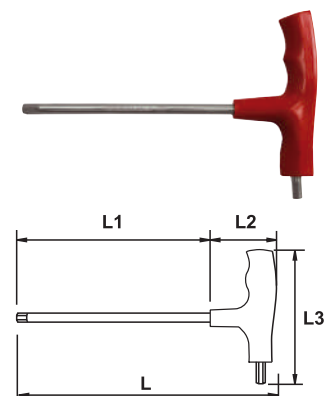
INCH

COD.	MAT.	AF inch	L (mm)	A (mm)	g
38618	SS 420	1/16	90	14	
38965		5/64	100	16	10
38966		3/32	110	18	
38967		7/64	130	20	15
38968		1/8	145	25	
38969		9/64	145	25	20
38970		5/32	160	28	40
38971		3/16	160	28	40
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

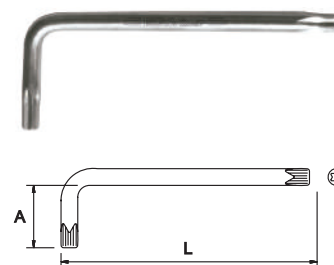
COD.	MAT.		L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	
38630	SS 420	2,5	175	115	60	110	35
38631		3					40
38632		4					50
38639		5					60
38633		5,5					75
38634		6	185	125			100
38635		7					120
38636		8					135
38637		9					155
38638		10					180



■ TORX®*

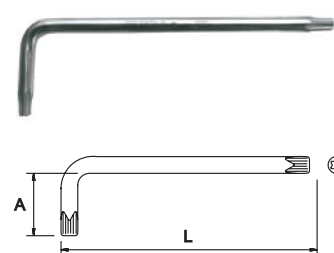
■ STANDARD

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



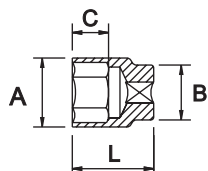
* Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US) / *For screws TORX® (Acument Intellectual Properties, LLC, Troy, Mich., US registered trademark) / *Pour vis TORX® (Marque enregistrée par Acument Intellectual Properties, LLC, Troy, Mich., US)

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

■ 1/4"

■ STANDARD

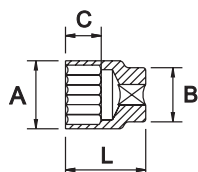
■ MM - 6 PT.



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.

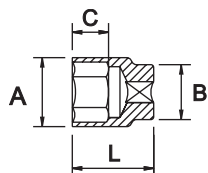


COD.	MAT.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38403	SS 420	4	25	12	9,0	11	12	17
38404		5			9,5			
38405		6			11			
38406		7		13	12			
38407		8			13			
38408		9			14			
38409		10	26	15	15	14	30	22
38410		11			16			
38411		12			17			
38412		13		16	18			
38413		14			19			
39095		17	27		23	15		42



■ 1/4"

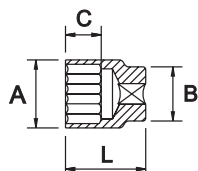
■ INCH - 6 PT.



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	26	15	15	14		22
38251		7/16		16	16			27
38252		1/2			18			30
38253		9/16			19			35



■ INCH - 12 PT.

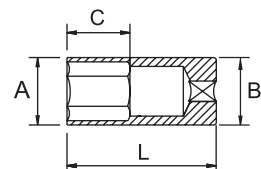


COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
38414	SS 420	3/16	25	12	9,5	11	12	17	
38415		7/32			11				
38416		1/4			12				
38417		5/16		13	13				
38418		3/8	26	15	15	14		22	
38419		7/16		16	16			27	
38420		1/2			18			30	
38421		9/16			19			35	



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

■ MM - 6 PT.

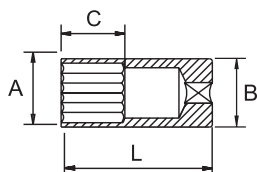


COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
38254	SS 420	4	50	12	9,0	11	6	40	
38255		5			9,5				
38256		6			11				
38257		7			12				
38258		8		13	13				42
38259		9		14	14				46
38260		10		15	15				50
38261		11		16	16				14
38262		12		17					
38204		13		18					
38263		14		19		60			



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

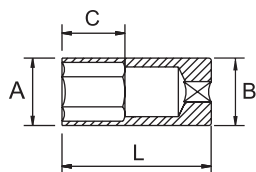
MM - 12 PT.



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.

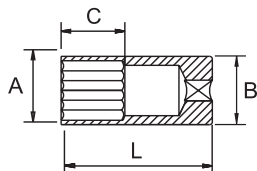


COD.	MAT.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38264	SS 420	3/16	50	12	9,5	11	6	40
38265		7/32			11			
38266		1/4			12			
38267		5/16			13			
38268		3/8		15	13	14	12	42
38269		7/16			15			
38270		1/2			16			
38271		9/16			19			



■ 1/4"

■ INCH - 12 PT.



COD.	MAT.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38433	SS 420	3/16	50	12	9,5	11	12	40
38434		7/32			11			
38435		1/4			12			
38436		5/16			13	13		42
38437		3/8		16	15	15		50
38438		7/16			16	16		55
38439		1/2			18	14		60
38440		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)	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	●	

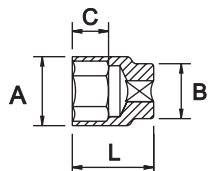


■ MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDICO / ПОДВИЖНАЯ "Т" РУЧКА

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



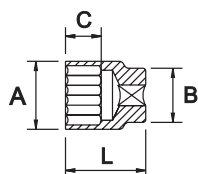
- 3/8"
- STANDARD
- MM - 6 PT.



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	6		
38279		11	16					
38280		12	18					
38281		13	19					
38282		14	21					
38283		15	22					
38284		16	23					
38285		17	24					
38286		19	26					
38287		20	27					
38288		22	35	30	25	22		



- MM - 12 PT.

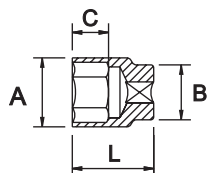


COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
38443	SS 420	6	28	18	11	13	6	35
38444		7			12			
38445		8			13			
38446		9			14			
38447		10	15	20	12	50		
38448		11	16					
38449		12	18					
38450		13	19					
38451		14	20					
38452		15	21				20	65
38453		16	22					
38454		17	23					
38455		19	24		20		70	
38456		20	26					
38457		22	27					
		35	30	25	22	80		



■ 3/8"

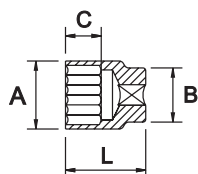
■ INCH - 6 PT.



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	50		
38293		1/2		19				
38294		9/16	21	20	60			
38295		5/8	23	21				
38296		11/16	24	20		65		
38297		3/4	26		24	70		
38298		13/16	27		75			
38616		1		30	25	22	80	



■ INCH - 12 PT.



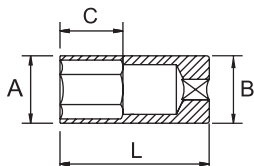
COD.	MAT.	AF inch ↑ ↓	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g ↑ ↓
38458	SS 420	1/4	28	18	11	13	12	35
38459		5/16			13			
38460		3/8			15			
38461		7/16	20	16	20	50		
38462		1/2		19				
38463		9/16	32	21	20	12	60	
38464		5/8		23	21			
38465		11/16		24	24			20
38466		3/4	26	70				
38467		13/16	27	75				
38468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



■ 3/8"

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

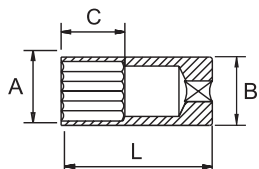
■ MM - 6 PT.



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	95			
38306		11		16	20	6	100	
38307		12		18			105	
38308		13		19			110	
38309		14		20			115	
38310		15		21			120	
38311		16		22	20	6	125	
38312		17		23			140	
38313		19		24			145	
38314		20		25			150	
38315		22		30	22			



■ MM - 12 PT.

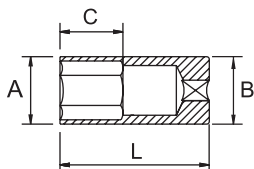


COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
38470	SS 420	6	60	18	11	13	12	90
38471		7			12			
38472		8			13			
38473		9			14			
38474		10			15			
38475		11		20	16	20	100	
38476		12			18		105	
38477		13			19		110	
38478		14			21		20	115
38479		15			22		21	120
38480		16		23	125			
38481		17		24	20	140		
38482		19		26		24		145
38483		20		27		150		
38484		22		30	25	22		150



■ 3/8"

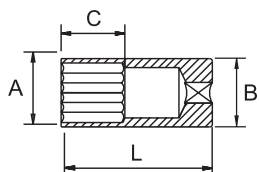
■ INCH - 6 PT.



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			
38321		9/16			20			
38322		5/8		21	21	120		
38323		11/16		24				
38324		3/4		26				24
38325		13/16		27				
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			
38487		3/8			15			
38488		7/16		20	16	20		100
38489		1/2			19			
38490		9/16			20			
38491		5/8		23	21	20		120
38492		11/16		24	125			
38493		3/4		26	24			140
38494		13/16		27	145			
38620		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)	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

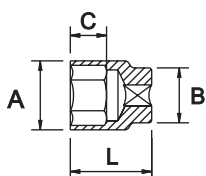


ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ

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



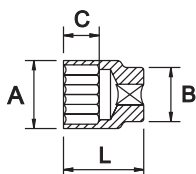
- 1/2"
- STANDARD
- MM - 6 PT.



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	42	28	110			
38337		20	29	120				
38338		21	30	125				
38190		22	31	26	130			
38339		23	43	33	150			
38198		24	34	28	22	165		
38340		25	36	180				
38341		26	37	200				
38199		27	38	220				
38342		28	39	30	230			
38343		29	46	41	240			
38221		30	42	250				
38222		32	43	34	300			
39033		34	50	48	36	25		400
38223		36	50	410				



- MM - 12 PT.

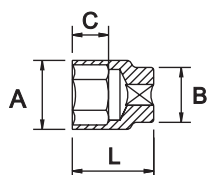


COD.	MAT.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38495	SS 420	6	40	24	13	18	12	75
38496		7			14			
38497		8			15			
38498		9			16			80



COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
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		150	
38513		24							34
38514		25							36
38515		26							37
38516		27							38
38517		28							39
38518		29	46	41	30	25		240	
38519		30							42
38520		32							43
39034		34							48
38521		36	50	50	36	25	410		

■ INCH - 6 PT.

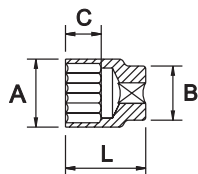


COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
38344	SS 420	1/4	40	24	13	18	6	75
38345		5/16			15			
38346		3/8			17			
38347		7/16			18			
38348		1/2			20			
38349		9/16			21			
38350		19/32	42	25	23	22		120
38351		5/8			24			
38352		11/16			25			
38353		3/4			28			
38354		25/32			29			
38355		13/16	43	31	26	25		130
38356		7/8			31			
38357		15/16			34			
38358		1			36			
38359		1.1/16			38			
38360		1.1/8	46	41	30	25		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.

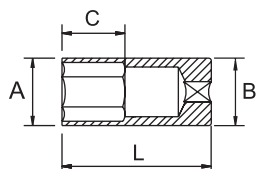


COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
38522	SS 420	1/4	40	24	13	18	12	75
38523		5/16			15			
38524		3/8			17			
38525		7/16			18			
38526		1/2			20			
38527		9/16	42	25	21	22	80	
38528		19/32			23			
38529		5/8			24			
38530		11/16	43	31	25	22	95	
38531		3/4			28			
38532		25/32			29			
38533		13/16			26			
38534		7/8	46	38	30	25	110	
38535		15/16			34			
38536		1			36			
38537		1.1/16			41			
38538		1.1/8	50	50	30	25	120	
38539		1.3/16			42			
38540		1.1/4			43			
38541		1.7/16	50	50	34	25	130	



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

■ MM - 6 PT.

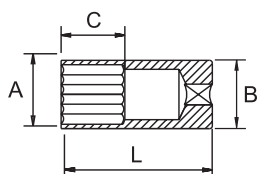


COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
38364	SS 420	6	82	24	13	18	6	195
38365		7			14			
38366		8			15			
38367		9			16			
38368		10			17			
38369		11			18			
38370		12		19	200			
38371		13		20				
38372		14		21				
38373		15		23				
38374		16		24		230		
38224		17		25				
38375		18			25			
38205		19			28		240	
38376		20			29			
38377		21			30			26
38225		22			31			
38378		23		33	280			



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.**

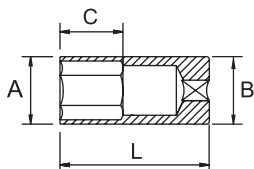


COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
38542	SS 420	6	82	24	13	18	12	195	
38543		7			14				
38544		8			15				
38545		9			16				
38546		10			17				
38547		11			18			200	
38548		12			19				
38549		13			20				
38550		14			21				
38551		15			23	230			
38552		16		25	24				
38553		17		26	25				
38554		18							
38555		19						240	
38556		20							
38557		21							
38558		22		31	250				
38559		23		33					
38560		24		34		22		310	
38561		25		36				380	
38562		26		37	420				
38563		27		38					
38564		28		39		30		430	
38565		29		41				450	
38566		30		42	490				
38567		32		43	34			550	
39035		34		48	36			750	
38568		36		50					



■ 1/2"

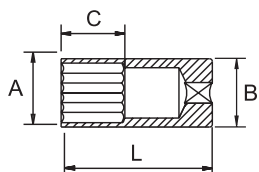
■ INCH - 6 PT.



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		25	24					
38391		11/16		28	25	22	6			
38392		3/4								
38393		25/32		29	26			240		
38394		13/16		31	28					
38395		7/8								
38396		15/16		34	30			310		
38397		1		36				380		
38398		1.1/16		38	34			420		
38399		1.1/8		41				450		
38400		1.3/16		42	36			490		
38401		1.1/4		43	25			550		
38402		1.7/16		50			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	12	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.		L (mm)			
39081	SS 420	4	65	65		10
39082		5				
39083		5,5		70		
38992		6		80		
39043		7		85		
38993		8		90		
39084		9		95		
38994		10		100		
38995		12		120		
39085		14		140		
38996		16				
38997		20		160		



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	●	

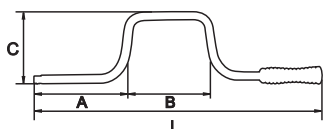


MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDICO / ПОДВИЖНАЯ "Т" РУЧКА

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



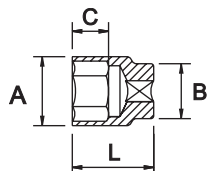
BERBIQUÍ / SPEEDER HANDLE / VILLEBREQUIN / KURBEL / LEVA GIROBECCHINO / MANIVELA / КОЛЕНЧАТАЯ РУЧКА



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



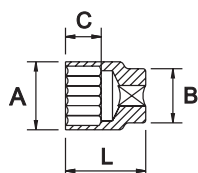
- 3/4"
- STANDARD
- MM - 6 PT.



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	50	45	30	6	340
38684		38		55				
38685		41		65				
38686		46		70				
38687		50	75	75	50	35	6	900
38688		55		80				
38689		60						



- MM - 12 PT.

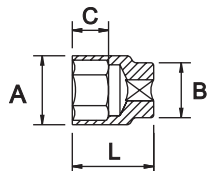


COD.	MAT.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38709	SS 420	17	50	38	28	22	12	250
38710		19			30			
38711		21			32			
38712		22			33			
38713		23	55	40	34	25	12	270
38714		24			35			
38715		26			38			
38716		27			39			
38717		28	60	41	40	28	12	310
38718		29		42				
38719		30		43				
38720		32		45				
38721		36	65	50	45	30	12	340
38722		38		55				
38723		41		65				
38724		46		70				
38725		50	75	75	50	35	12	900
38726		55		80				
38727		60						



■ 3/4"

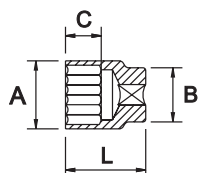
■ INCH - 6 PT.



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.



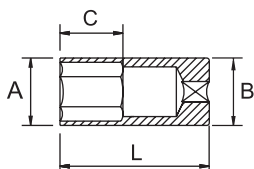
COD.	MAT.	AF ^{inch}	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
38728	SS 420	3/4	50		31			
38729		13/16		38	32			270
38730		7/8			33	25		
38731		15/16			35			
38732		1	55	40	37			310
38733		1.1/16			39			
38734		1.1/8		42	40	28		340
38735		1.3/16		43	43			350
38736		1.1/4	60	45	45	30		470
38737		1.7/16			46		12	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

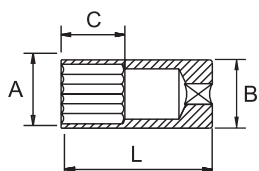
■ MM - 6 PT.



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				
38752		24		40	35	25		550	
38753		26			38				
38754		27			39				
38755		28		41	40	28		600	
38756		29		42					
38757		30		43					
38758		32		45					
38759		36		50	45	30		700	
38760		38		53					
38761		41		57					
38762		46		65		32		1300	
38763		50	70	50					
38764		55	75	100	50	35		1800	
38765		60	80						2150



■ MM - 12 PT.

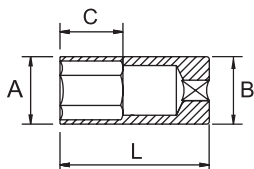


COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt						
38785	SS 420	17	90	38	28	22	12	500					
38786		19			30								
38787		21			32								
38788		22			33								
38789		23			34								
38790		24		40	35	25		550					
38791		26			38								
38792		27			39								
38793		28		41	40	28		600					
38794		29		42									
38795		30		43					45	30		650	
38796		32		45									
38797		36		50									
38798		38		55	46	32		700					
38799		41			48								
38800		46			65								
38801		50	100	70	35			850					
38802		55		75									
38803		60		80									



■ 3/4"

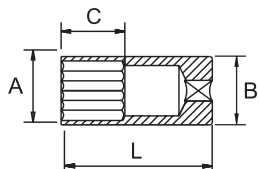
■ INCH - 6 PT.



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				
38770		1		37				
38771		1.1/16		39				
38772		1.1/8	42	40	28	600		
38773		1.3/16	43	43	30	650		
38774		1.1/4	45	45		700		
38775		1.7/16	55	46	32	950		
38776		1.1/2		48				
38777		1.9/16						
38778		1.5/8	100	65		50	35	1300
38779		1.3/4						
38780		1.13/16						
38781		1.7/8		70	50	35	12	1450
38782		2						
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	30	950		
38814		1.1/2						
38815		1.9/16						
38816		1.5/8	100	65	50	32	1300	
38817		1.3/4						
38818		1.13/16						
38819		1.7/8		70	50	35	12	1450
38820		2						
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		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**

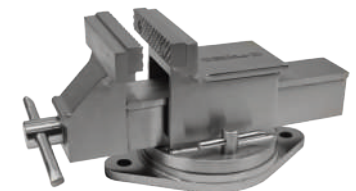
COD.	MAT.	L (mm)	CAP. Ø (mm)	CAP. Ø (inch)	g
39041	SS 420	135	30-32	1.3/16-1.1/4	60
39042		170	34-36	1.5/16-1.13/32	90
39100			40-42	1.9/16- 1.21/32	100
39101		210	45-50	1.3/4-2	150
39102			52-55	2.1/16-2.3/16	
39103		240	58-62	2.9/32-2.7/16	210
39104			68-75	2.11/16-3	
39105		280	80-90	3.1/8-3.1/2	370



■ **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 / CACCIATIVITI / CHAVES DE FENDA / ОТВЕРТКИ**

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

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



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

COD.	MAT.				
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.				
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.				
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.				
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.				
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



* 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.)

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			
39003		9	100	110	100
38196		10			
39004		11			
39005		12	110	120	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

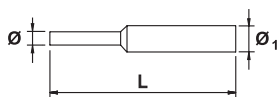


CORTAFRÍOS CILÍNDRICO / CYLINDRICAL COLD CHISEL / BÉDANE CYLINDRIQUE / ZYLINDRISCHE MEISSEL / SCALPELLO CILINDRICO TAGLIO A FREDDO / ESCOPRO CILINDRICO / ЦИЛИНДРИЧЕСКОЕ ЗУБТЛО

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

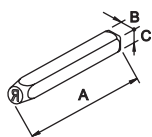


COD.	MAT.	Ø (mm)	Ø 1 (mm)	L (mm)	
38610	SS 420	2	8	110	29
38611		3	9		38
38612		4	10		48
38613		5	11	115	60
38614		6	12		75
38615		7	13	120	95



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

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

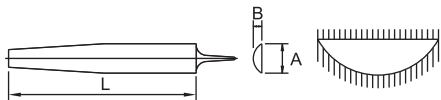


COD.	MAT.	Altura (mm) / Height (mm) / Hauteur (mm)	A (mm)	B (mm)	C (mm)	
38985	SS 420	5,0	60	7,0	7,0	220



■ 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

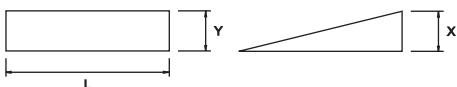


COD.	MAT.	L (inch)			A (mm)	B (mm)	
38300	SS 420	10	2	12	17-26	5-8	0,5

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 / MARTELO 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

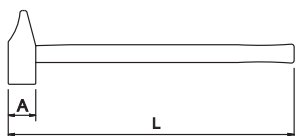


■ **MACETA CUADRADA TIPO ALEMÁN / GERMAN TYPE MALLET / MASSETTE TYPE ALLEMAND / FÄUSTEL / MAZZETTA / MARRETA / КУВАЛДА НЕМЕЦКИЙ ТИП ДЛЯ КАМНЯ**

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



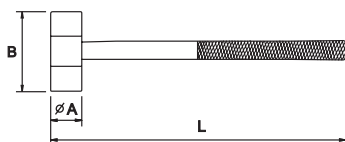
■ **MARTILLO DE EBANISTA / JOINER'S HAMMER / MARTEAU DE MENUISIER / HOLZSCHNITZERHAMMER / MARTELO FALEGNAME / MARTELO DE PENA / СТОЛЯРНЫЙ МОЛОТОК**



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 / MARTELO 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



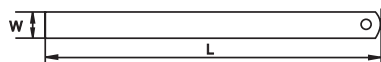
■ **ARCO DE SIERRA / HACK SAW / MONTURE DE SCIE À MÉTAUX / METALLSÄGEBOGEN / ARCHETTI / ARCOS DE SERRA / НОЖОВКА**

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

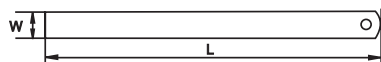
GRADUACIÓN EN MILÍMETROS / MILIMETRIC GRADUATION / GRADUATION EN MILLIMÈTRE / MM-TEILUNGEN / GRADUAZIONE IN MILLIMETRI / GRADUAÇÃO EM MILIMETROS / МЕТРИЧЕСКАЯ ШКАЛА



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	

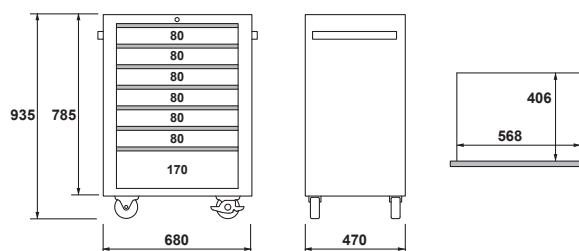


EGAMaster
 ART IN INNOVATION

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



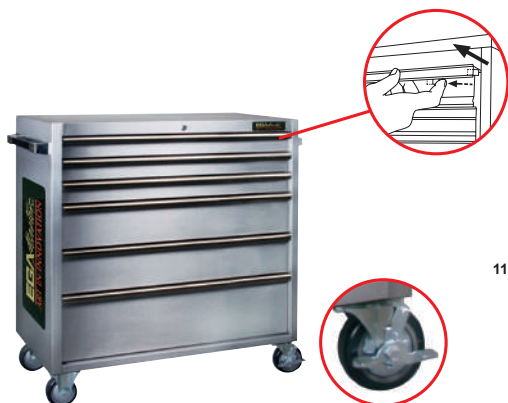
Sistema antivuelco con botón de seguridad de apertura individual por bandeja
 Anti-overn system with individual safety open button in each tray
 Système anti-renversement avec bouton de sécurité d'ouverture individuelle par tiroir



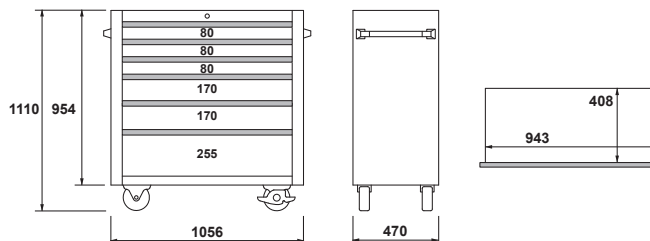
COD.	L x W x H (mm)	Material estructura / Material structure / Structure matériaux	Kg
51558	680 x 470 x 935	Inox 304	63

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-ouvertum 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

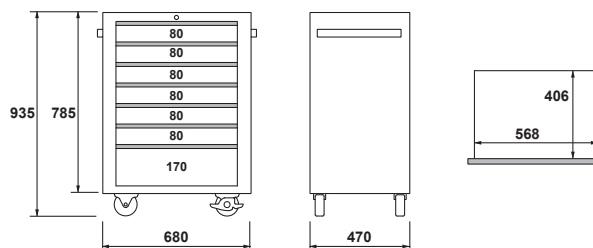
ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES

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-ouvertum 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



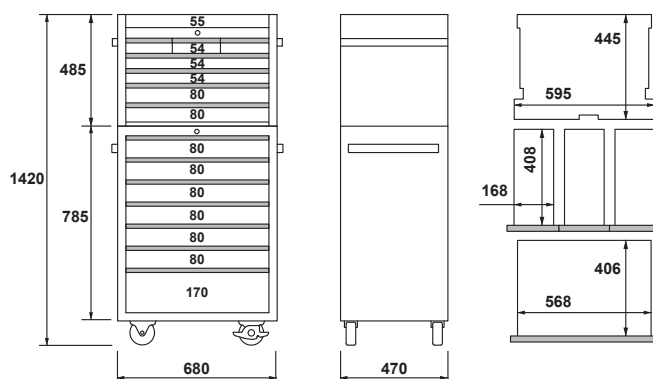
COD.	L x W x H (mm)	Material estructura / Material structure / Structure matériaux	Material ruedas / Wheel material / Matière roues	Kg
51478	680 x 470 x 935	Inox 430	Inox 304	63

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	●



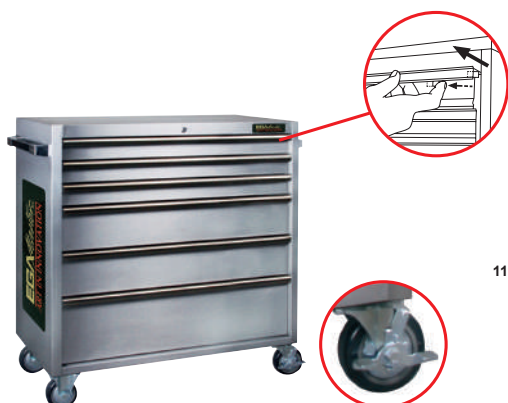
Sistema antivuelco con botón de seguridad de apertura individual por bandeja
 Anti-oveturn system with individual safety open button in each tray
 Système anti-renversement avec bouton de sécurité d'ouverture individuelle par tiroir



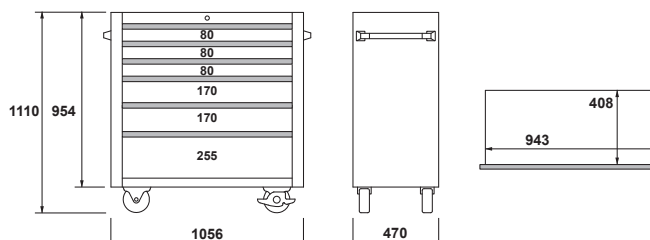
COD.	L x W x H (mm)	Material estructura / Material structure / Structure matériaux	Material ruedas / Wheel material / Matière roues	Kg
51563	680 x 470 x 1420	Inox 430	Inox 304	109

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-oveturn 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-tilt system with individual safety open button in each tray
 Système anti-renversement avec bouton de sécurité d'ouverture individuelle par tiroir



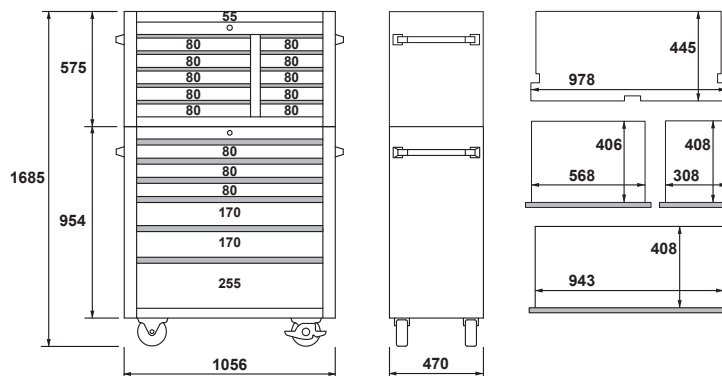
COD.	L x W x H (mm)	Material estructura / Material structure / Structure matériaux	Material ruedas / Wheel material / Matière roues	Kg
51561	1056 x 470 x 1110	Inox 430	Inox 304	95

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-tilt 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	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-overflow system in each drawers / Système anti-renversement dans chaque tiroir	●

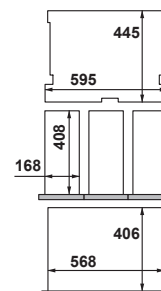
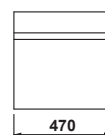
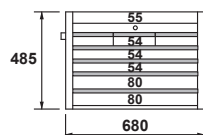
COFRES PORTAHERRAMIENTAS DE SUPERFICIES INOX* / INOX SURFACE TOOL CHEST* / COFFRE À TIROIRS AVEC SURFACE INOX* / WERKSTATTKASTEN MIT INOX OBERFLÄCHE* / CASSETTI PORTAUTENSILI DI SUPERFICI INOX* / BAÚ PORTA-FERRAMENTAS DE SUPERFÍCIE INOX* / ПОРТАТИВНЫЕ ЯЩИКИ С ПОКРЫТИЕМ ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ*



Sistema antivuelco con botón de seguridad de apertura individual por bandeja

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

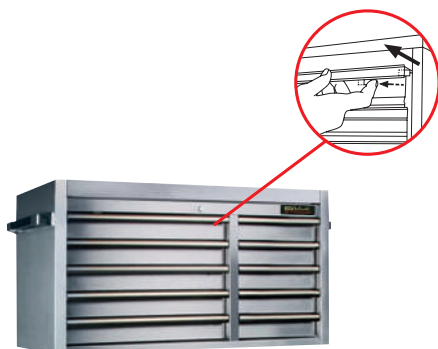
Système anti-renversement avec bouton de sécurité d'ouverture individuelle par tiroir



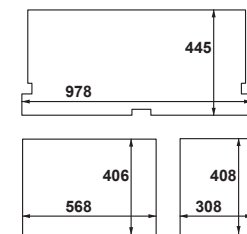
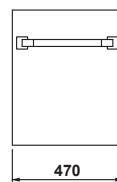
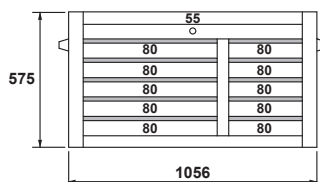
COD.	L x W x H (mm)	Material estructura / Material structure / Structure matériaux	Kg
51560	680 x 470 x 485	Inox 430	45,5

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	95	40
I0895		8		
I0063		10		
I0064		12		
I0896		13	140	95
I0065		14		
I0066		16		
I0067		17	160	105
I0068		18		
I0069		19		
I0897		22	195	170
I0070		24		
I0071		27		
I0072		30		
I0073		32	280	400
I0898		33		
I0074		34		
I0075		36		
I0076		41	350	600
I0077		46		
I0078		50		
I0079		55	450	1500
I0080		60		
I0081		65		
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		
I0088		10	135	45
I0089		11		
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		
I0100		22	250	280



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 LUNETE 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



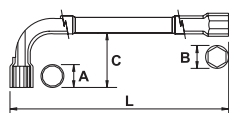
LLAVES ACODADAS / DOUBLE OFFSET RING WRENCHES / CLÉS POLYGONALES CONTRE-COUDÉES / RINGSCHLÜSSEL / CHIAVI POLIGONALI / CHAVES LUNETA / КЛЮЧИ ДВОЙНАЯ ИЗОГНУТАЯ ЗВЕЗДОЧКА

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!

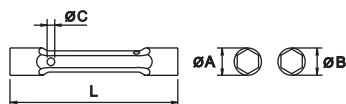
COD.	MAT.	AP mm	L (mm)	A (mm)	B (mm)	C (mm)	g		
I0156	SS 304	6	100	11	11	38	60		
I0157		7	110	13	13	42	75		
I0158		8	115	14	14	46	95		
I0159		10	130	16	16	50	135		
I0160		13	160	20	20	55	240		
I0161		16	190	25	25	70	370	6	●
I0162		17		26	26				
I0163		18	200	27	27	75	530		
I0164		19		28	28				
I0165		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			16		
I0170		10-11	120	17	18	6	105
I0171		12-13		19	21		160
I0172		14-15	140	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



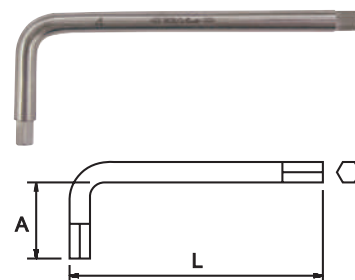
LLAVES HEXAGONALES / HEXAGONAL KEYS / CLÉS MÂLES / INBUSSCHLÜSSEL / CHIAVI ESAGONALI / CHAVES HEXAGONAIS / ШЕСТИГРАННЫЕ КЛЮЧИ

STANDARD

MM

N!

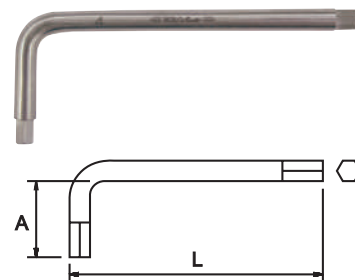
COD.	MAT.	AF mm	L (mm)	A (mm)	g
I0189	SS 304	1,5	60	22	8,0
I0190		2			
I0191		2,5			
I0192		3			
I0193		3,5	65	23	10
I0194		4		26	
I0195		4,5	70	27	16
I0196		5	80	28	
I0197		6	85	32	25
I0198		7	90	37	34
I0199		8			50
I0200		9	95	36	60
I0201		10	110		80
I0202		11	120	38	100
I0203		12	130	41	145
I0204		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	28	16
I0212		3/16	85	32	25
I0213		7/32	90	37	30
I0214		1/4			50
I0987		9/32	100	37	60
I0215		5/16	110		85
I0988		11/32	120	38	100
I0216		3/8			
I0989		7/16			

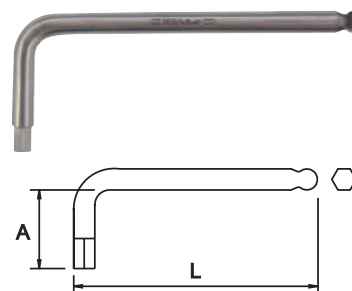


COD.	MAT.	AF inch	L (mm)	A (mm)	g
I0990	SS 304	1/2	140	43	160

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

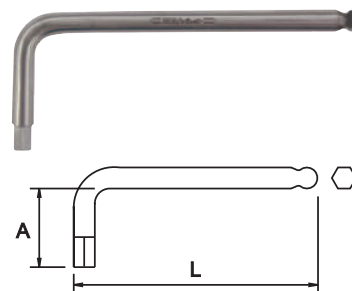
MM

COD.	MAT.	AF 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



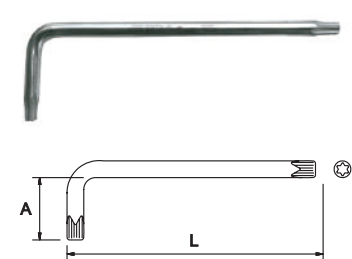
INCH

COD.	MAT.	AF 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	65	20	5,0
I0226		7/64	70	25	12
I0227		1/8	80	28	22
I0228		9/64	90	32	30
I0229		5/32	100	36	55
I0230		3/16	110	40	100
I0231		7/32	135	48	250
I0232		1/4			
I0233		5/16			
I0234		3/8			
I0235		1/2			



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

COD.	MAT.	AF 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		210

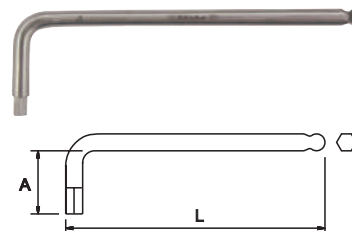


BOLA SERIE LARGA / LONG PATTERN BALLPOINT / SÉRIE LONGUE À TÊTE SPHÉRIQUE / KUGELKOPF- INBUSSCHLÜSSEL / SERIE LUNGA CON TESTA SFERICA / ESFERICAS, SERIE LONGA / ДЛИННЫЙ С ШАРОВОЙ ГОЛОВКОЙ

MM

N!

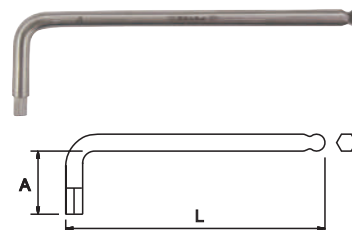
COD.	MAT.	AF mm	L (mm)	A (mm)	g
I0248	SS 304	1,5	65	16	3,7
I0249		2	75	18	4,5
I0250		2,5	85	21	6,5
I0251		3	95	23	8,0
I0252		3,5	100	26	12
I0253		4	105	29	15
I0975		4,5	105	29	22
I0254		5	120	33	28
I0255		5,5	130	36	34
I0256		6	140	38	41
I0257		7	145	41	65
I0258		8	160	44	76
I0259		9	170	47	105
I0260		10	180	50	140
I0261		11	190	55	190
I0262		12	200	55	250
I0263		14	230	70	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	95	23	8,0
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	160	44	75
I0277		1/2	200	55	250

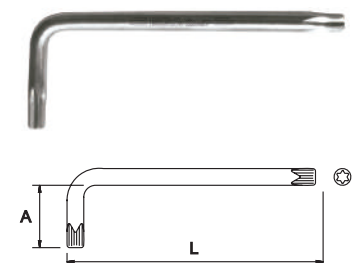


TORX®

STANDARD

N!

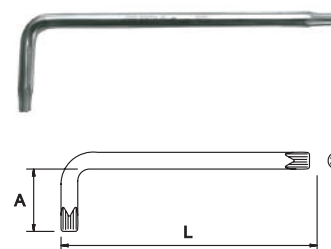
COD.	MAT.		L (mm)	A (mm)	g
I0278	SS 304	T-6	42	16	7,5
I0279		T-7			
I0280		T-8	48		
I0281		T-9		17	
I0282		T-10	50		
I0283		T-15		18	9,5
I0284		T-20	55	20	13
I0285		T-25	60	20	17
I0286		T-27	65	21	19
I0287		T-30	70	24	29
I0288		T-35		25	33
I0289		T-40	75	26	29
I0290		T-45	85	29	48
I0291		T-50	95	32	70



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

■ **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			
I0300		T-27	85	21	25
I0301		T-30	90	24	35
I0302		T-35	95	25	40
I0303		T-40	100	26	48
I0304		T-45	115	29	60
I0305		T-50	125	32	85

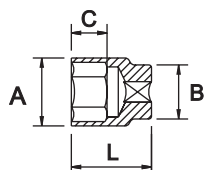


■ **LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE DOPPEN / CHAVES DE CAIXA / ГОЛОВКИ**

■ 1/4"

■ STANDARD

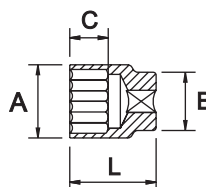
■ MM - 6 PT.



COD.	MAT.		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	23	19	15	6	35
I0923		17			23			



■ MM - 12 PT.



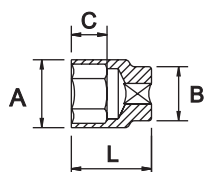
COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
I0317	SS 304	4	25	12	9,0	11	12	17
I0318		5			9,5			
I0319		6			11			
I0320		7			12			



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

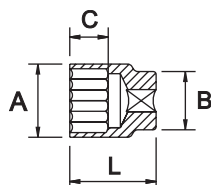
■ INCH - 6 PT.



	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	26	16		18		30
	I0335		9/16			19	35		



■ INCH - 12 PT.



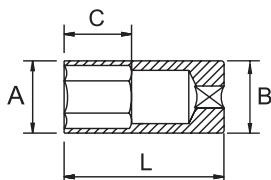
	COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
	I0336	SS 304	3/16	25		9,5	11	12	17
	I0337		7/32		12	11			
	I0338		1/4			12			
	I0339		5/16		13	13			
	I0340		3/8	15	15	22			
	I0341		7/16		16	27			
	I0342		1/2	26	16	18	14		30
	I0343		9/16			19			35



■ 1/4"

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

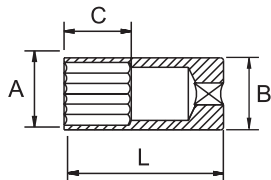
■ MM - 6 PT.



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.

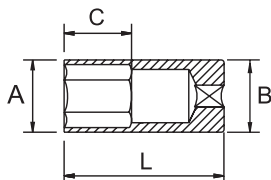


COD.	MAT.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
I0355	SS 304	4	50	12	9,0	11	12	40
I0356		5			9,5			
I0357		6			11			
I0358		7			12			
I0359		8		13	13	14	12	42
I0360		9		14	14			46
I0361		10		15	15			50
I0362		11		16	16			55
I0363		12			17			
I0364		13			18			
I0365		14			19			60
I0926		17			23	15		65



■ 1/4"

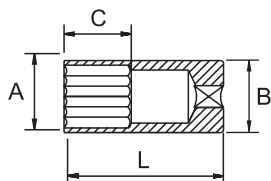
■ INCH - 6 PT.



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

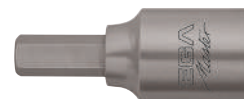
COD.	MAT.	AF inch	L (inch)	g
I0383	SS 304	1/4	3	37



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



COD.	MAT.		L (mm)			
I0928	SS 304	2	37	17	●	10
I0929		3		18		
I0930		3,5				
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!

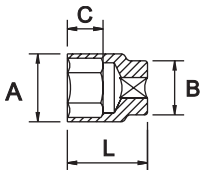
COD.	MAT.		L (mm)			
I0976	SS 304	1/4	250	200		5



3/8"

STANDARD

MM - 6 PT.

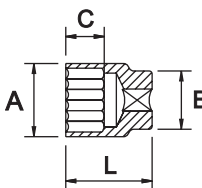


N!

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	50	
I0389		11			16				
I0390		12			18				
I0391		13			19				
I0392		14			20				
I0393		15			21				
I0394		16			23				
I0395		17			24				
I0396		19			26	24		75	
I0397		20			27				
I0398		22			30				
			35		25	22		80	



MM - 12 PT.



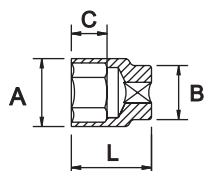
N!

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	20		
I0408		15		22	21			
I0409		16		23				
I0410		17		24	24			
I0411		19		26				
I0412		20		27				
I0413		22	35	30	25	22		80

INCH - 6 PT.

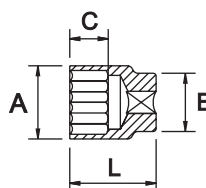


N!

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			
I0419		9/16	21	20	20			
I0420		5/8	23	21				
I0421		11/16	24	24				
I0422		3/4	26					
I0423		13/16	27					
I0424		1	30	25	22	80		



INCH - 12 PT.



N!

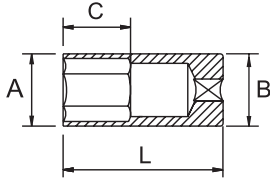
COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
I0425	SS 304	1/4	28	18	11	13	12	35	
I0426		5/16			13				
I0427		3/8			15				
I0428		7/16			16				
I0429		1/2	19	20	50				
I0430		9/16	21			20			
I0431		5/8	23			21			
I0432		11/16	24			24		75	
I0433		3/4	26						70
I0434		13/16	27						75
I0435	1	30	25	22	80				



■ 3/8"

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

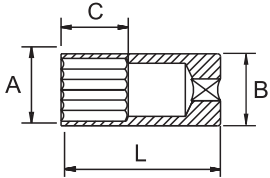
■ MM - 6 PT.



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.

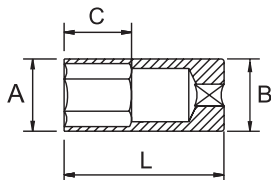


COD.	MAT.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
I0451	SS 304	6	60	18	11	13	6	90
I0452		7			12			
I0453		8			13			
I0454		9		20	14	20	6	95
I0455		10			15			
I0456		11			16			
I0457		12		21	18	20	6	100
I0458		13			19			
I0459		14			20			
I0460		15		22	21	20	6	105
I0461		16			22			
I0462		17			23			
I0463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



■ 3/8"

■ INCH - 6 PT.

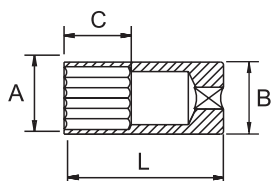




COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
I0466	SS 304	1/4	60	18	11	13	6	90	
I0467		5/16			13				
I0468		3/8			15				
I0469		7/16		20	16	20		100	
I0470		1/2		19					
I0471		9/16		20					
I0472		5/8		23	21	22		120	
I0473		11/16		24	24			125	
I0474		3/4		26					140
I0475		13/16		27					
I0476	1	30	25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



■ INCH - 12 PT.





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			20					
I0483		5/8		23	21	22		120		
I0484		11/16		24	24			125		
I0485		3/4		26				140		
I0486		13/16		27				145		
I0487		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
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

N!

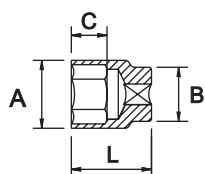
COD.	MAT.	AF inch	L (inch)	9
I0490	SS 304	3/8	3	40
I0491			8	160



1/2"

STANDARD

MM - 6 PT.

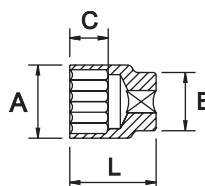


N!

COD.	MAT.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	9
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	42	25	23	22	6	95
I0502		16			24			
I0503		17			25			
I0504		18			26			
I0505		19			28			
I0506		20			29			
I0507		21	43	30	26	22	6	110
I0508		22			31			
I0509		23			33			
I0510		24			34			
I0511		25			36			
I0512		26			37			
I0513		27	46	39	30	25	6	120
I0514		28			31			
I0515		29			41			
I0516		30			42			
I0517		32			43			
I0518		34			48			
I0907		34	50	50	36	25	6	400
I0518		36						



MM - 12 PT.



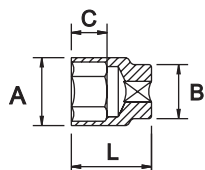
N!

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			25						
I0532		19			28						
I0533		20			29						
I0534		21	43		30	22		110			
I0535		22			31						
I0536		23			33						
I0537		24			34						
I0538		25			36						
I0539		26			37						
I0540		27	46		38	25		120			
I0541		28			39						
I0542		29			41						
I0543		30			42						
I0544		32			43						
I0908	SS 304	34	50	48	36	25	12	400			
I0545		36									

INCH - 6 PT.

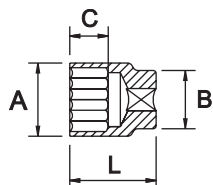


COD.	MAT.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
I0546	SS 304	1/4	40	24	13	18	6	75
I0547		5/16			15			
I0548		3/8			17			
I0549		7/16			18			
I0550		1/2			20			
I0551		9/16	42	25	21	22	6	95
I0552		19/32			23			
I0553		5/8			24			
I0554		11/16			25			
I0555		3/4	43	28	26	25	6	110
I0556		25/32			29	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



■ 1/2"

■ INCH - 12 PT.

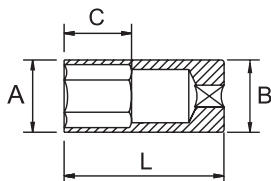


COD.	MAT.	AF ^{inch}	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
I0566	SS 304	1/4	40	24	13	18	12	75
I0567		5/16			15			
I0568		3/8			17			
I0569		7/16			18			
I0570		1/2			20			
I0571		9/16	42	25	21	22	12	80
I0572		19/32			23			
I0573		5/8			24			
I0574		11/16			25			
I0575		3/4			28			
I0576		25/32	43	31	26	25	12	110
I0577		13/16			29			
I0578		7/8			30			
I0579		15/16			34			
I0580		1			36			
I0581		1.1/16	46	38	30	25	12	130
I0582		1.1/8			41			
I0583		1.3/16			42			
I0584		1.1/4			43			
I0585		1.7/16	50	50	36	25		410



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

■ MM - 6 PT.

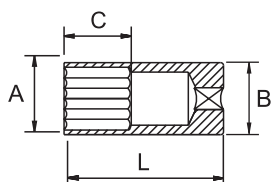


COD.	MAT.	AF ^{mm}	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
I0586	SS 304	6	82	24	13	18	6	195
I0587		7			14			
I0588		8			15			
I0589		9			16			
I0590		10			17			
I0591		11	82	25	18	22	6	200
I0592		12			19			
I0593		13			20			
I0594		14			21			
I0595		15			23			
I0596		16	82	26	24	25	6	230
I0597		17			25			
I0598		18			26			
I0599		19			28			
I0600		20			29			
I0601		21	82	30	26	25	6	250
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	36	25		750

MM - 12 PT.

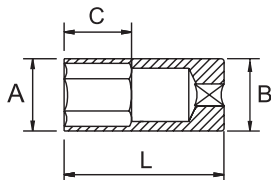


COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt				
I0613	SS 304	6	82	24	13	18	12	195			
I0614		7			14						
I0615		8			15						
I0616		9			16						
I0617		10			17						
I0618		11			18			200			
I0619		12			19						
I0620		13			20						
I0621		14			21						
I0622		15			23						
I0623		16		25	24	22		230			
I0624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



■ 1/2"

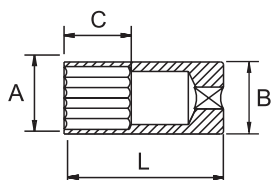
■ INCH - 6 PT.



COD.	MAT.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
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		25	21	22	6	
I0646		19/32			23			
I0647		5/8			24			230
I0648		11/16			25			
I0649		3/4		28				
I0650		25/32		29	26			240
I0651		13/16		31				250
I0652		7/8		34	28			310
I0653		15/16		36				380
I0654		1		38				420
I0655		1.1/16		41	30			450
I0656		1.1/8		42				490
I0657		1.3/16		43	34			550
I0658		1.1/4		50	36	25		750
I0659		1.7/16						



■ 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		25	21	22			
I0666		19/32			23				
I0667		5/8			24			230	
I0668		11/16			25				
I0669		3/4		28					
I0670		25/32		29	26			240	
I0671		13/16		31				250	
I0672		7/8		34	28			310	
I0673		15/16		36				380	
I0674		1		38				420	
I0675		1.1/16		41	30			450	
I0676		1.1/8		42				490	
I0677		1.3/16		43	34			550	
I0678		1.1/4							



COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
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.		L (mm)	
I0680	SS 304	1/2	250	700



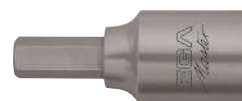
ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENCAO / УДЛИНИТЕЛЬ

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



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

COD.	MAT.		L (mm)	
I0691	SS 304	1/2"	80	190

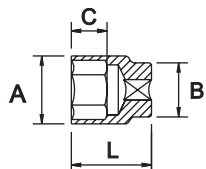


MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDICO / ПОДВИЖНАЯ "Т" РУЧКА

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



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

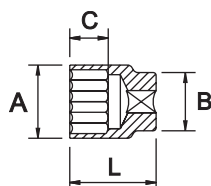


N!

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.



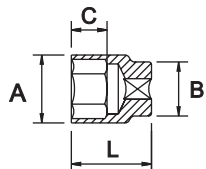
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COD.	MAT.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
I0712	SS 304	17	50	38	28	22	6	250
I0713		19			30			
I0714		21			32			
I0715		22			33			
I0716		23	55	40	34	25	6	270
I0717		24			35			
I0718		26			38			
I0719		27			39			
I0720		28	60	50	41	30	6	310
I0721		29			42			
I0722		30			43			
I0723		32			45			
I0724		36	65	55	46	32	6	340
I0725		38			48			
I0726		41			48			
I0727		46			65			
I0728		50	70	70	50	35	6	750
I0729		55						
I0730		60						



■ 3/4"

■ INCH - 6 PT.

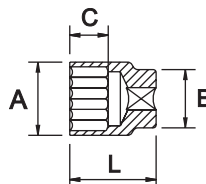


N!

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		45	45			470
I0740		1.7/16	60		46	30	6	550
I0741		1.1/2		55				
I0742		1.9/16			48			650
I0743		1.5/8						
I0744		1.3/4	65			32		
I0745		1.13/16		65				750
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.



N!

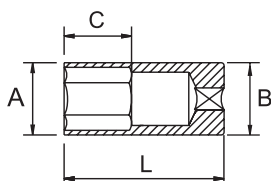
COD.	MAT.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
I0750	SS 304	3/4	50		31			
I0751		13/16		38	32			270
I0752		7/8			33	25		
I0753		15/16			35			
I0754		1	55	40	37			310
I0755		1.1/16			39			
I0756		1.1/8		42	40	28		340
I0757		1.3/16		43	43			350
I0758		1.1/4		45	45			470
I0759		1.7/16	60		46	30	12	550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

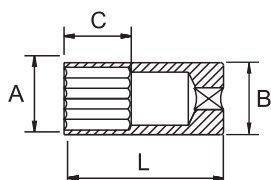




COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
I0769	SS 304	17	90	38	28	22	500	
I0770		19			30			
I0771		21			32			
I0772		22		40	33			
I0773		23			34	25		
I0774		24			35			
I0775		26			38			
I0776		27			39			
I0777		28		41				
I0778		29		42	40	28	600	
I0779		30		43	43			
I0780		32		45				
I0781		36		50	45	30		
I0782		38		53	46			
I0783		41		57	48			
I0784		46	100	65		32		
I0785		50		70				
I0786		55		75	50	35		
I0787		60		80				



■ **MM - 12 PT.**



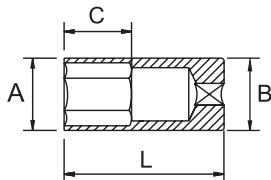


COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
I0788	SS 304	17	90	38	28	22	500	
I0789		19			30			
I0790		21			32			
I0791		22		40	33			
I0792		23			34	25		
I0793		24			35			
I0794		26			38			
I0795		27			39			
I0796		28		41	40	28		
I0797		29		42				
I0798		30		43	43			
I0799		32		45				
I0800		36		50	45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



■ 3/4"

■ INCH - 6 PT.

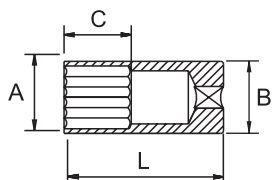


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COD.	MAT.	AF ^{inch}	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
I0807		3/4			31			
I0808		13/16		38	32			
I0809		7/8			33	25		550
I0810		15/16			35			
I0811		1		40	37			
I0812		1.1/16			39			
I0813		1.1/8	90	42	40	28		600
I0814		1.3/16		43	43			650
I0815		1.1/4		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



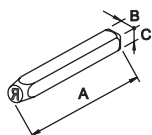
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COD.	MAT.	Ø (m)	Ø 1 (mm)	L (mm)	 g
I0875	SS 304	2	8	110	36
I0876		3	9		44
I0877		4	10		50
I0878		5	11	115	65
I0879		6	12		80
I0880		7	13	120	100



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

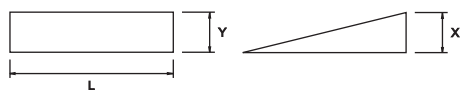
NÚMEROS / NUMBERS / CHIFFRES / NUMMER / NUMERI / NÚMEROS / ЦИФРЫ



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 / МОЛИТОВКА**

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 / METALLSÄGEBÖGEN / 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 ИЗОГНУТЫМИ 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 ЖЕЛОБОВОГО 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)	g
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)	AP mm	g
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.	AP mm	L (mm)	g
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	230	
I5052		27-29	240	370
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.	AP mm	L (mm)	g
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	270	320
I5130		1		
I5131		1.1/16		
I5132		1.1/8	320	550
I5133		1.3/16		
I5134		1.1/4		
I5135		1.3/8	360	950
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

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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



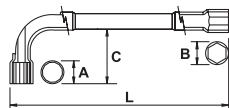
LLAVES ACODADAS / DOUBLE OFFSET RING WRENCHES / CLÉS POLYGONALES CONTRE-COUDÉES / RINGSCHLÜSSEL / CHIAVI POLIGONALI / CHAVES LUNETA / КЛЮЧИ ДВОЙНАЯ ИЗОГНУТАЯ ЗВЕЗДОЧКА

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!

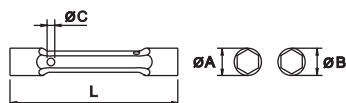
COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)			
I5156	SS 316	6	100	11	11	38	60	6	
I5157		7	110	13	13	42	75		
I5158		8	115	14	14	46	95		
I5159		10	130	16	16	50	135		
I5160		13	160	20	20	55	240		
I5161		16	190	25	25	70	370		
I5162		17		26	26				
I5163		18	200	27	27	75	530		
I5164		19		28	28				
I5165		22	230	32	32	90	700		
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	140	19	21		160
I5172		14-15		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	210	36	39	13	900
I5180		27-29		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

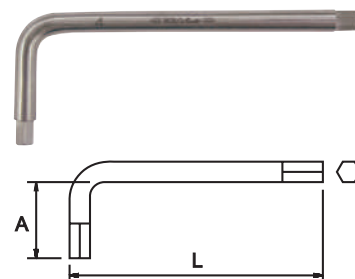


■ LLAVES HEXAGONALES / HEXAGONAL KEYS / CLÉS MÂLES / INBUSSCHLÜSSEL / CHIAVI ESAGONALI / CHAVES HEXAGONAIS / ШЕСТИГРАННЫЕ КЛЮЧИ

■ STANDARD

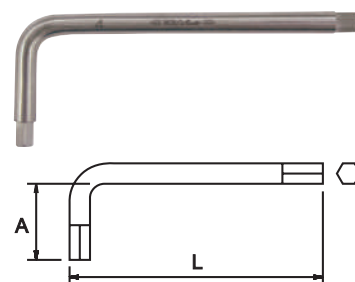
■ MM

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

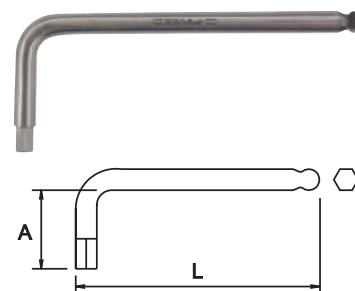
COD.	MAT.	AF inch	L (mm)	A (mm)	g
I5206	SS 316	1/16	60	22	8,0
I5207		5/64			
I5208		3/32			
I5986		7/64			
I5209		1/8	65	23	10
I5210		9/64			
I5211		5/32		26	
I5212		3/16	80	28	16
I5213		7/32	85	32	25
I5214		1/4			
I5987		9/32	90	37	30
I5215		5/16			50
I5988		11/32	100	38	60
I5216		3/8	110		85
I5989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

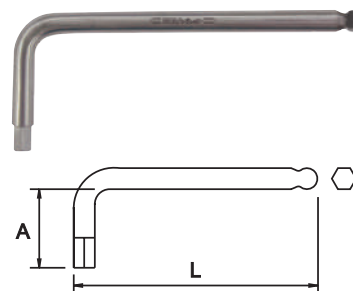
COD.	MAT.	AF mm	L (mm)	A (mm)	g
I5217	SS 316	1,5	50	16	3,0
I5218		2,5	55	18	4,0
I5219		3	65	20	5,0
I5220		4	70	25	12
I5221		6	90	32	30
I5222		10	110	40	100



INCH

N!

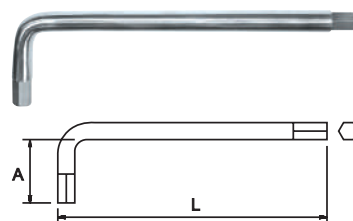
COD.	MAT.	AF inch	L (mm)	A (mm)	g
I5223	SS 316	1/16	50	13	3,0
I5224		5/64		16	
I5225		3/32	55	18	4,0
I5226		7/64		20	
I5227		1/8	65	20	5,0
I5228		9/64		25	
I5229		5/32	70	25	12
I5230		3/16	80	28	22
I5231		7/32	90	32	30
I5232		1/4		36	
I5233		5/16	100	36	55
I5234		3/8	110	40	100
I5235		1/2	135	48	250



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	55	210

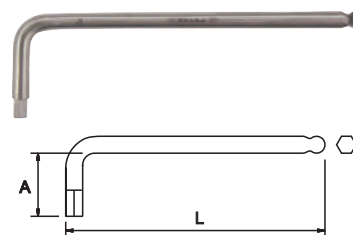


BOLA SERIE LARGA / LONG PATTERN BALLPOINT / SÉRIE LONGUE À TÊTE SPHÉRIQUE / KUGELKOPF- INBUSSCHLÜSSEL / SERIE LUNGA CON TESTA SFERICA / ESFERICAS, SERIE LONGA / ДЛИННЫЙ С ШАРОВОЙ ГОЛОВКОЙ

MM

N!

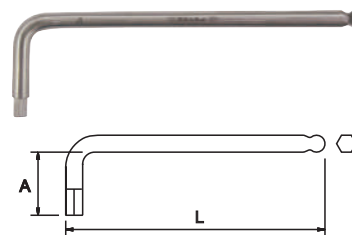
COD.	MAT.	AF mm	L (mm)	A (mm)	g
I5248	SS 316	1,5	65	16	3,7
I5249		2	75	18	4,5
I5250		2,5	85	21	6,5
I5251		3	95	23	8,0
I5252		3,5	100	26	12
I5253		4	105	29	15
I5975		4,5		29	22
I5254		5	120	33	28
I5255		5,5	130	36	34
I5256		6	140	38	41
I5257		7	145	41	65
I5258		8	160	44	76
I5259		9	170	47	105
I5260		10	180	50	140
I5261		11	190	55	190
I5262		12	200		250
I5263		14	230	70	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

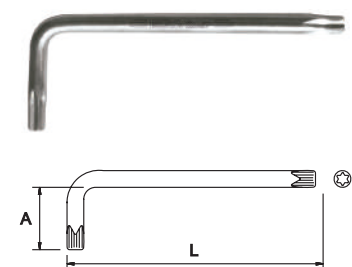


TORX®

STANDARD

N!

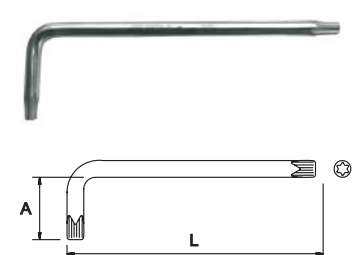
COD.	MAT.		L (mm)	A (mm)	
I5278	SS 316	T-6	42	16	7,5
I5279		T-7			
I5280		T-8			
I5281		T-9			
I5282		T-10	50	17	
I5283		T-15	55	18	9,5
I5284		T-20		13	
I5285		T-25	60	20	17
I5286		T-27	65	21	19
I5287		T-30	70	24	29
I5288		T-35	75	25	33
I5289		T-40		26	29
I5290		T-45	85	29	48
I5291		T-50	95	32	70



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

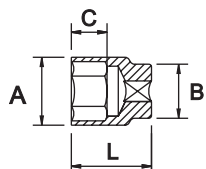


■ LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE DOPPEN / CHAVES DE CAIXA / ГОЛОВКИ

■ 1/4"

■ STANDARD

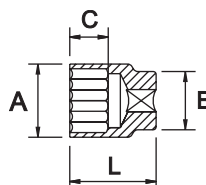
■ MM - 6 PT.



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.

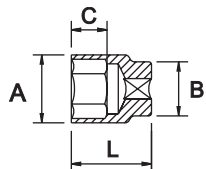


COD.	MAT.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	9
I5317	SS 316	4	25	12	9,0	11	12	17
I5318		5			9,5			
I5319		6			11			
I5320		7			12			
I5321		8			13			
I5322		9	26	16	14	14	12	22
I5323		10			15			
I5324		11			16			
I5325		12			17			
I5326		13			18			
I5327	SS 316	14	27	16	19	15	12	35
I5924		17			23			



■ 1/4"

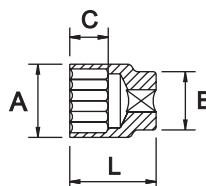
■ INCH - 6 PT.



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



■ INCH - 12 PT.

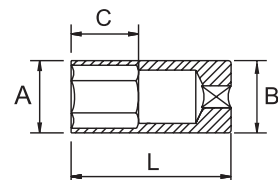


	COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
	I5336	SS 316	3/16	25	12	9,5	11	12	17
	I5337		7/32			11			
	I5338		1/4			12			
	I5339		5/16		13	13			
	I5340		3/8	15	15	14	22		
	I5341		7/16	16	16		27		
	I5342		1/2		18		30		
	I5343		9/16	26		19			35



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

■ MM - 6 PT.

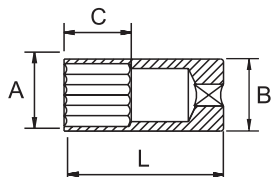


	COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
	I5344	SS 316	4	50	12	9,0	11	6	40	
	I5345		5			9,5				
	I5346		6			11				
	I5347		7			12				
	I5348		8		13	13			42	
	I5349		9		14	14			46	
	I5350		10		15	15			50	
	I5351		11		16	16			14	55
	I5352		12			17				
	I5353		13			18				



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

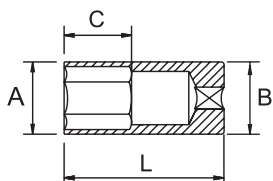
■ **MM - 12 PT.**



	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	



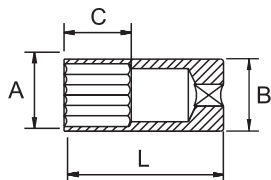
■ **INCH - 6 PT.**



	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

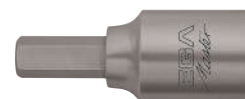
COD.	MAT.	AF inch	L (inch)	g
I5383	SS 316	1/4	3	37



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				
I5932		5		20		
I5933		6		25		
I5934		8		40		
I5935		10		60		



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	

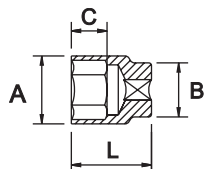


MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDICO / ПОДВИЖНАЯ "Т" РУЧКА

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



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

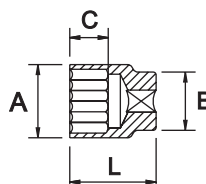


N!

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	15	20	20	6		
I5389		11	16					
I5390		12	18					
I5391		13	19					
I5392		14	20					
I5393		15	22				24	55
I5394		16	23		60			
I5395		17	24		65			
I5396		19	26		70			
I5397		20	27		75			
I5398		22	35	30	25		22	80



- MM - 12 PT.



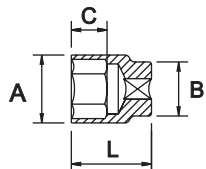
N!

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.

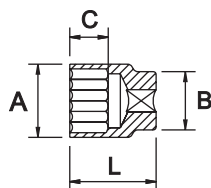




COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
I5414	SS 316	1/4	28	18	11	13	6	35
I5415		5/16			13			
I5416		3/8			15			
I5417		7/16	20	16	20	50		
I5418		1/2		19				
I5419		9/16	21	20		60		
I5420		5/8	23	21				
I5421		11/16	24	24				65
I5422		3/4	26			70		
I5423		13/16	27			75		
I5424		1	30	25	22	80		



■ INCH - 12 PT.





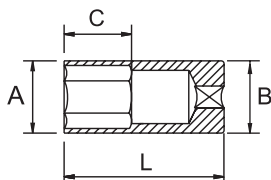
COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
I5425	SS 316	1/4	28	18	11	13	12	35
I5426		5/16			13			
I5427		3/8			15			
I5428		7/16	20	16	20	50		
I5429		1/2		19				
I5430		9/16		21				20
I5431		5/8	32	23	21	60		
I5432		11/16		24	20			65
I5433		3/4		26				24
I5434		13/16	27	22		75		
I5435		1	30		25	80		



■ 3/8"

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

■ MM - 6 PT.

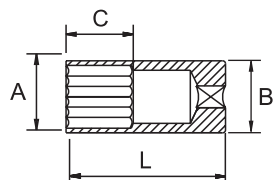


NI

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	105		
I5440		10		15				
I5441		11		16				
I5442		12		18	110			
I5443		13		19				
I5444		14		21		20		120
I5445		15		22	24			
I5446		16		23				
I5447		17		24		20		125
I5448		19		26	22			
I5449		20		27				
I5450		22		30		25		150



■ MM - 12 PT.



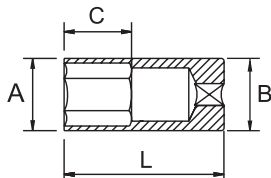
NI

COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
I5451	SS 316	6	60	18	11	13	12	90
I5452		7			12			
I5453		8			13			
I5454		9		14	20	13		95
I5455		10		15				
I5456		11		16	20	13		100
I5457		12		18				
I5458		13		19	20	13		105
I5459		14		20				
I5460		15		21	24	20		110
I5461		16		22				
I5462		17		23				
I5463		19		24	24	20		120
I5464		20		25				
I5465		22		26				



■ 3/8"

■ INCH - 6 PT.

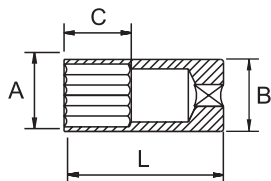




COD.	MAT.	↓ AF ↑ mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g 
I5466	SS 316	1/4	60	18	11	13	6	90
I5467		5/16			13			95
I5468		3/8			15			100
I5469		7/16		20	16	20		110
I5470		1/2			19			
I5471		9/16		21	20	24		120
I5472		5/8		23	21			125
I5473		11/16		24	24			140
I5474		3/4		26				145
I5475		13/16		27				
I5476		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		16	100			
	I5481		1/2		19				
	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!

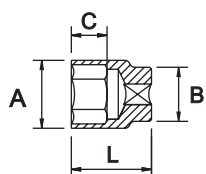
COD.	MAT.	AF inch	L (inch)	9
I5490	SS 316	3/8	3	40
I5491			8	160



1/2"

STANDARD

MM - 6 PT.

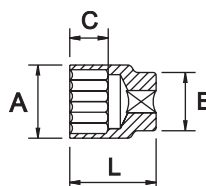


N!

COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
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			80
I5499		13			20			
I5500		14			21			
I5501		15	25	23	22	6		
I5502		16		24				
I5503		17		25				
I5504		18		26				
I5505		19		28				
I5506		20		29				
I5507		21	43	30	26		22	
I5508		22			31			
I5509		23			33			
I5510		24			34			
I5511		25			36			
I5512		26			37			
I5513		27	46	39	30		25	
I5514		28			31			
I5515		29			41			
I5516		30			42			
I5517		32			43			
I5518		36			50			



MM - 12 PT.



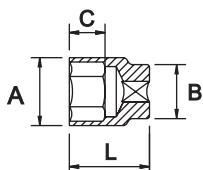
N!

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			23					
I5529		16	42	25	24	22	12	95		
I5530		17								
I5531		18			26				25	
I5532		19			28					110
I5533		20			29					120
I5534		21			30					125
I5535		22	43	31	26			130		
I5536		23			33			150		
I5537		24			34	28		22	165	
I5538		25			36				180	
I5539		26			37				200	
I5540		27			38				220	
I5541		28	39	30	230					
I5542		29	46	41					240	
I5543		30			42			250		
I5544		32			43	34		300		
I5908		34			48			400		
I5545		36			50	36	25	410		

INCH - 6 PT.



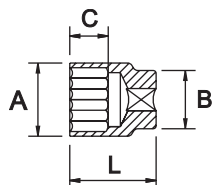


COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt	
I5546	SS 316	1/4	40	24	13	18	6	75
I5547		5/16			15			
I5548		3/8			17			
I5549		7/16			18			
I5550		1/2			20			
I5551		9/16			21			
I5552		19/32	25	23	95			
I5553		5/8		24				
I5554		11/16		25				
I5555		3/4		28				
I5556		25/32		29				
I5557		13/16	42	26	22	120		
I5558		7/8						31
I5559		15/16						34
I5560		1						36
I5561		1.1/16						38
I5562		1.1/8	46	41	30	240		
I5563		1.3/16						42
I5564		1.1/4						43
I5565		1.7/16	50	50	36	25	410	



■ 1/2"

■ INCH - 12 PT.

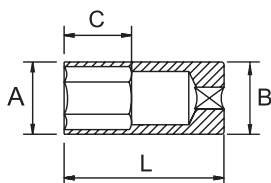


COD.	MAT.	AF ^{inch}	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
I5566	SS 316	1/4	40	24	13	18	80	75
I5567		5/16			15			
I5568		3/8			17			
I5569		7/16			18			
I5570		1/2			20			
I5571		9/16			21			
I5572		19/32			23			
I5573		5/8	42	25	24	22	12	95
I5574		11/16		28	25			110
I5575		3/4			26			
I5576		25/32		29	26			120
I5577		13/16	43	31	28	22	12	130
I5578		7/8						165
I5579		15/16						
I5580		1						180
I5581		1.1/16	46	38	30	22	12	220
I5582		1.1/8						240
I5583		1.3/16						
I5584		1.1/4						250
I5585		1.7/16	50	50	36	25		300
								410



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

■ MM - 6 PT.

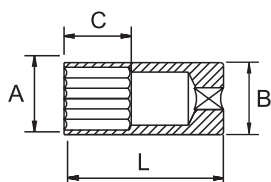


COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
I5586	SS 316	6	82	24	13	18	6	195	
I5587		7			14				
I5588		8			15				
I5589		9			16				
I5590		10			17				
I5591		11			18			200	
I5592		12			19				
I5593		13			20				
I5594		14			21				
I5595		15	23	22	6	230			
I5596		16	24						
I5597		17	26						
I5598		18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



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

MM - 12 PT.



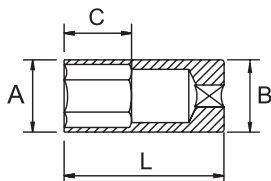
N!

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				200																
I5619		12			19																				
I5620		13			20																				
I5621		14			21																				
I5622		15			23																				
I5623		16		25	24	230																			
I5624		17		26																					
I5625		18			25																				
I5626		19			28			240																	
I5627		20			29																				
I5628		21			30				26	250															
I5629		22			31																				
I5630		23			33						22	280													
I5631		24			34								28	310											
I5632		25			36										30	380									
I5633		26			37												38	420							
I5634		27			38														39	430					
I5635		28			39																41	450			
I5636		29			41																		42	490	
I5637		30			42																				34
I5638		32			43				36	750															
I5910		34			48	25																			
I5639		36			50																				



■ 1/2"

■ INCH - 6 PT.

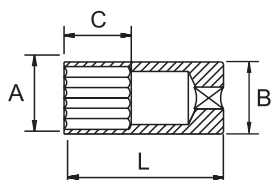




COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
I5640	SS 316	1/4	80	24	13	18	6	195	
I5641		5/16			15				
I5642		3/8			17				
I5643		7/16			18				
I5644		1/2			20				
I5645		9/16		25	21	22	6	200	
I5646		19/32			23				
I5647		5/8			24				
I5648		11/16			25				
I5649		3/4			28				
I5650		25/32		30	26	25		230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



■ INCH - 12 PT.





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			
I5664		1/2			20			
I5665		9/16		25	21	22		200
I5666		19/32			23			
I5667		5/8			24			
I5668		11/16			25			
I5669		3/4			28			
I5670		25/32		30	26	25		230
I5671		13/16			31			
I5672		7/8			34			
I5673		15/16			36			
I5674		1			38			
I5675		1.1/16			41			
I5676		1.1/8			42			
I5677		1.3/16			43			
I5678		1.1/4			50			



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



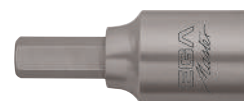
ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENCAO / УДЛИНИТЕЛЬ

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		
I5686		8		100
I5940		9		105
I5687		10		
I5688		12		110
I5941		14		120
I5689		16		150
I5690		20		210



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

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

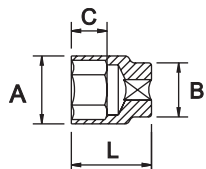


MANGO CORREDIZO EN "T" / SLIDING "T" HANDLE / POIGNEE COULISSANTE / QUERGRIF / ASTA CON QUADRO SCORREVOLO / CABO "T" CORREDICO / ПОДВИЖНАЯ "Т" РУЧКА

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



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

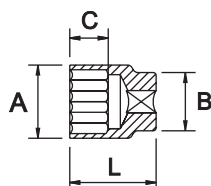


N!

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	310
I5698		24			35			
I5699		26			38			
I5700		27			39			
I5701		28	60	50	41	30	6	340
I5702		29			42			
I5703		30			43			
I5704		32			45			
I5705		36	65	55	46	32	6	650
I5706		38			48			
I5707		41			48			
I5708		46			65			
I5709		50	70	70	50	35	6	900
I5710		55						
I5711		60	75	75	80	35	6	1250
I5711		60	75	80	80	35	6	1450



- MM - 12 PT.



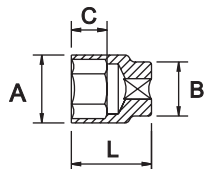
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COD.	MAT.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
I5712	SS 316	17	50	38	28	22	12	250
I5713		19			30			
I5714		21			32			
I5715		22			33			
I5716		23	55	40	34	25	12	310
I5717		24			35			
I5718		26			38			
I5719		27			39			
I5720		28	60	50	41	30	12	340
I5721		29			42			
I5722		30			43			
I5723		32			45			
I5724		36	65	55	46	32	12	650
I5725		38			48			
I5726		41			48			
I5727		46			65			
I5728		50	70	70	50	35	12	900
I5729		55						
I5730		60	75	75	80	35	12	1250
I5730		60	75	80	80	35	12	1450



■ 3/4"

■ INCH - 6 PT.

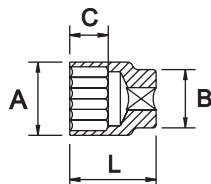


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COD.	MAT.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
I5731	SS 316	3/4	50		31			
I5732		13/16		38	32			270
I5733		7/8			33	25		
I5734		15/16			35			
I5735		1	55	40	37			310
I5736		1.1/16			39			
I5737		1.1/8		42	40	28		340
I5738		1.3/16		43	43			350
I5739		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!

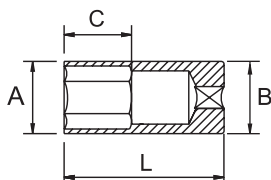
COD.	MAT.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g
I5750	SS 316	3/4	50		31			
I5751		13/16		38	32			270
I5752		7/8			33	25		
I5753		15/16			35			
I5754		1	55	40	37			310
I5755		1.1/16			39			
I5756		1.1/8		42	40	28		340
I5757		1.3/16		43	43			350
I5758		1.1/4		45	45			470
I5759		1.7/16	60			30	12	
I5760		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**

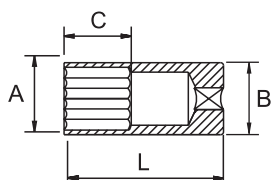
■ **MM - 6 PT.**



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	6
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		
I5785		50		70				
I5786		55	100	75	35		1800	
I5787		60		80				



■ **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		600	12
I5795		27			39			
I5796		28	100	41	40	28		
I5797		29		42				
I5798		30		43	43			
I5799		32		45	45	30	700	
I5800		36		50				
I5801		38		55	46		950	
I5802		41		57	48			
I5803		46		65	50	32		
I5804		50		70			1450	
I5805		55	100	75	35			
I5806		60		80				



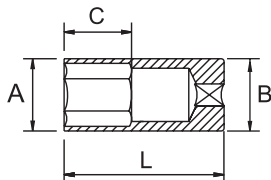
41

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



■ 3/4"

■ INCH - 6 PT.

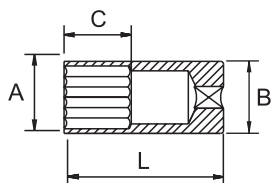


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COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
I5807	SS 316	3/4	90	38	31	25	550	6	
I5808		13/16			32				
I5809		7/8			33				
I5810		15/16		35					
I5811		1		37					
I5812		1.1/16		39					
I5813		1.1/8	100	42	40	28	600		
I5814		1.3/16		43	43	650			
I5815		1.1/4		45	45	700			
I5816		1.7/16		55	46	32	950		
I5817		1.1/2							
I5818		1.9/16							
I5819		1.5/8	100	65	50	35	1300		
I5820		1.3/4							
I5821		1.13/16							
I5822		1.7/8		70	50	35			
I5823		2							
I5824		2.3/16		75		1800			
I5825		2.3/8		80		2100			



■ INCH - 12 PT.



N!

COD.	MAT.		L (mm)	A (mm)	B (mm)	C (mm)	Pt		
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	100	42	40	28	600		
I5833		1.3/16		43	43	650			
I5834		1.1/4		45	45	700			
I5835		1.7/16		55	46	32	12		
I5836		1.1/2			48			950	
I5837		1.9/16							
I5838		1.5/8	100	65	50	35	1300		
I5839		1.3/4							
I5840		1.13/16							
I5841		1.7/8		70	50	35			
I5842		2							
I5843		2.3/16		75		1800			
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 / Поборothoe**

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 / CACCIAVITI / CHAVES DE FENDA / ОТВЕРТКИ**

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

COD.	MAT.	mm ↑ ↓ mm	mm ↑ ↓ mm	mm ↑ ↓ mm	g
I5849	SS 316	3	75	160	45
I5850		3,5		185	
I5851		4		230	90
I5852		5			
I5853		5,5	150	270	110
I5854	SS 316	6		280	160
I5855		8			



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



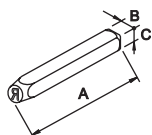
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COD.	MAT.	Ø (m)	Ø 1 (mm)	L (mm)	 g
I5875	SS 316	2	8	110	36
I5876		3	9		44
I5877		4	10		50
I5878		5	11	115	65
I5879		6	12		80
I5880		7	13	120	100



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

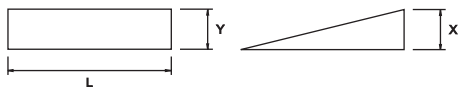
NÚMEROS / NUMBERS / CHIFFRES / NUMMER / NUMERI / NÚMEROS / ЦИФРЫ



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 / METALLSÄGEBOGEN / 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!"