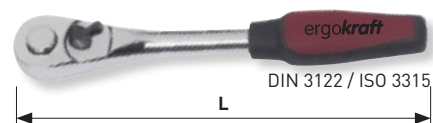


Reversible ratchet handle
Carraca reversible
Roquete manual reversível



ERGOKRAFT

Art.		L mm
3200	1/4"	145
3204	1/4"	Stubby model / Modelo corto / Modelo curto
3200E	1/4"	Repair kit / Kit reparación / Kit de reparação
3210	3/8"	205
3214	3/8"	Stubby model / Modelo corto / Modelo curto
3210E	3/8"	Repair kit / Kit reparación / Kit de reparação
3220	1/2"	255
3220E	1/2"	Repair kit / Kit reparación / Kit de reparação



Fine teeth ratchet handle
Carraca reversible dentado fino
Roquete manual de dentes finos



Art.		L mm
4009	1/4"	145
4009E	1/4"	Repair kit / Kit reparación / Kit de reparação
4019	3/8"	210
4019E	3/8"	Repair kit / Kit reparación / Kit de reparação
4029	1/2"	245
4029E	1/2"	Repair kit / Kit reparación / Kit de reparação



Extendable fine teeth ratchet handle
Carraca reversible dentado fino extensible
Roquete extensível de dentes finos



Art.		L mm
2000	1/4"	148 - 198
2000E	1/4"	Repair kit / Kit reparación / Kit de reparação
2010	3/8"	215 - 315
2010E	3/8"	Repair kit / Kit reparación / Kit de reparação
2020	1/2"	307 - 447
2020E	1/2"	Repair kit / Kit reparación / Kit de reparação



Mini fine teeth ratchet handle
Mini carraca reversible dentado fino
Mini roquete manual de dientes finos

Art.		L mm
3006	1/4"	95



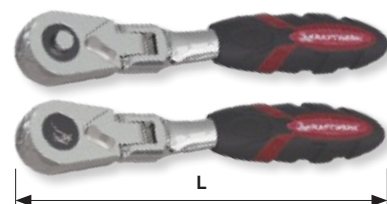
Micro ratchet handle
Micro carraca reversible
Micro roquete manual

Art.		L mm
3201B	1/4"	107 mm



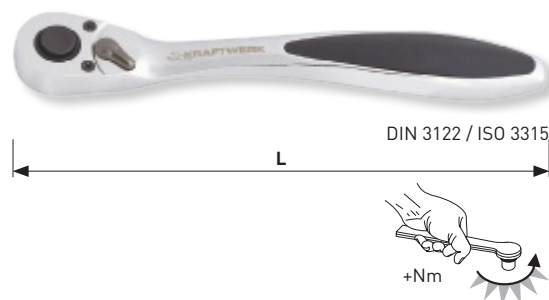
Micro flexible ratchet handle set
Juego micro carracas reversibles articuladas
Jogo de micro roquetes flexível

Art.			L mm
3201F	1/4"	1/4"	108 mm



Heavy duty reversible ratchet handle
Carraca reversible industrial
Roquete manual reversível de grande torque

Art.		L mm
4000	1/4"	153
4010	3/8"	217
4020	1/2"	261



HIGHTECH FINE POWER Fine-tooth reversible ratchet handle

Carraca reversible de precisión HIGHTECH FINE POWER

Roquete de dentes finos reversível HIGHTECH FINE POWER

1/4"

3/8"

1/2"

120

HIGHTECH FINE POWER



Art.		L mm
4001	1/4"	143
4001E	1/4" Repair kit / Kit reparación / Kit de reparação	-
4011	3/8"	205
4011E	3/8" Repair kit / Kit reparación / Kit de reparação	-
4021	1/2"	260
4021E	1/2" Repair kit / Kit reparación / Kit de reparação	-

Composite ratchet handle

Carraca reversible en material compuesto

Roquete manual em compósito

1/4"

3/8"

1/2"

48



Art.		L mm
3206	1/4"	143
3206E	1/4" Repair kit / Kit reparación / Kit de reparação	-
3216	3/8"	205
3216E	3/8" Repair kit / Kit reparación / Kit de reparação	-
3226	1/2"	260
3226E	1/2" Repair kit / Kit reparación / Kit de reparação	-



Art. 3206E / 3216E / 3226E

Reversible twister ratchet handle

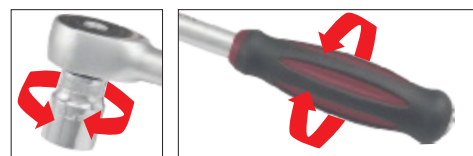
For work under confined space conditions. 60 fine-tooth ratchet with zero-degree twist arc swing handle. Square socket in handle for extension bar or t-handle. Also suitable as a conventional ratchet with insertable square socket for forward and reverse transition.

Carraca reversible con mango giratorio

Especialmente para los sitios estrechos sin espacio para girar. Mango ergonómico bimaterial. Cuadradillo en mango para alargaderas o barras "T". También utilizable como carraca normal de dentado fino (60 dientes). Función derecha/izquierda pulsando el cuadradillo.

Roquetes reversíveis com punho rotativo

para locais estreitos e sem espaço para rodar. O quadrado é movido sem ângulo de retorno por torção do punho. Encaixe no punho para barra de extensão ou manípulo T. Utilizável como roquete normal com dentes finos (60 dentes). Alternância entre direita e esquerda por pressão do encavador.



Art.	■	○	L mm
3208	1/4"	60	180
3218	3/8"	60	240
3228	1/2"	60	290

Mini reversible ratchet handle set

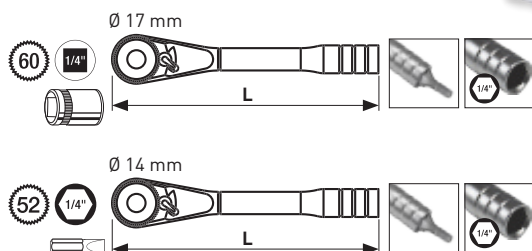
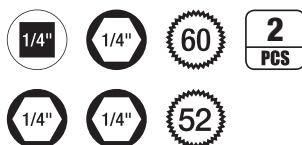
with ratchet handle for 1/4" sockets and 1/4" direct drive bits, in elegant aluminium box.

Juego de mini carracas reversibles

con carraca 1/4" para vasos y carraca para puntas.
En caja de aluminio.

Jogo de roquetes reversíveis mini

para chaves de caixa e bits (1/4"). Em caixa de alumínio.



142 x 38 x 25 mm

Art.	■ ○	○	L mm
4004RS	1/4"	52 / 60	95

Reversible mini ratchet handle
Mini carraca reversible
Roquete reversível mini



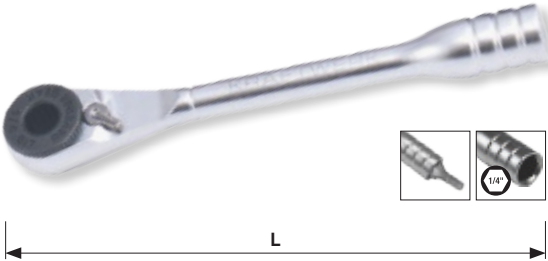
Art.	 		L mm
4004R1	1/4"	60	95



Reversible mini bit ratchet handle
Mini carraca reversible
Roquete reversível mini de bits



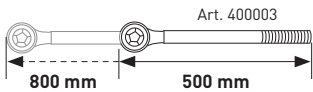
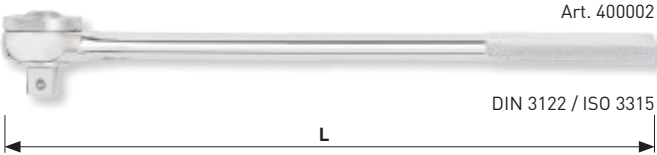
Art.	 		L mm
4004R2	1/4"	52	95



Heavy duty reversible ratchet handle
Carraca reversible para trabajo pesado
Roquete reversível para trabalhos pesados

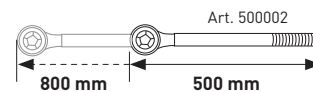


Art.		L mm
400002	3/4"	500
400003	3/4"	Telescope Telescópico Telescopico
400002E	3/4"	Repair kit / Kit reparación / Kit de reparação



Extendable heavy duty reversible ratchet handle
Carraca reversible y extensible para trabajo pesado
Roquete reversível e extensível para trabalhos pesados

1" 43



Art.		L mm
500002	1"	500 - 800
500002E	1" Repair kit / Kit reparación / Kit de reparação	-



Art. 500002E

Pass through reversible ratchet handle
Carraca reversible pasante
Roquete manual de aperto reversível

72

Art.		L mm
590000	13 mm	145
600000	20 mm	204
610000	30 mm	267



Click torque wrench

precise, with window scale for values in Nm and Lb.in.
Instant reversible 45 teeth ratchet head. Hardened steel casing and ergonomic 2-component handle with locking adjusting knob.
 Certified precision: +/- 4 %.

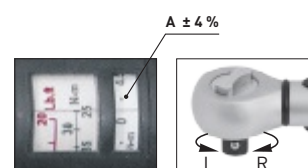
Llave dinamométrica click

de precisión con ventana y valores en Nm y Lb.in.
Carraca reversible instantánea 45 dientes. Carcasa en acero reforzado y mango ergonómico bimaterial con botón de ajuste.
 Precisión certificada: +/- 4 %.

Chave dinamométrica

de precisão com janela de escala para valores em Nm e Lb.in.
Reversível instantâneo com cabeça de 45 dentes em aço endurecido e punho ergonômico de 2 componentes com bloqueio ajustável. Precisão certificada: +/- 4 %.

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



Art.		< ~ >	A Nm	L mm
3231	1/4"	2.5 - 12 Nm 20 - 105 Lb.in	0.05	285
3232	1/4"	4 - 20 Nm 30 - 180 Lb.in	0.05	285
3233	3/8"	10 - 60 Nm 9 - 45 Lb.ft	0.125	383
3234	3/8"	25 - 125 Nm 20 - 90 Lb.ft	0.25	438
3235	1/2"	40 - 200 Nm 30 - 150 Lb.ft	0.5	463
3236	1/2"	65 - 335 Nm 50 - 250 Lb.ft	0.5	523
3237	3/4"	160 - 800 Nm 120 - 600 Lb.ft	2.0	1040

Interchangeable ring end head

for torque wrenches 3235H / 3236H

Boca intercambiable de llave poligonal

para llaves dinamométricas 3235H / 3236H

Chave luneta intercambiável

para chaves dinamométricas 3235H / 3236H



Art.		 
3235-R13	14 x 18 mm	13 mm
3235-R14	14 x 18 mm	14 mm
3235-R15	14 x 18 mm	15 mm
3235-R17	14 x 18 mm	17 mm
3235-R19	14 x 18 mm	19 mm
3235-R22	14 x 18 mm	22 mm
3235-R24	14 x 18 mm	24 mm
3235-R27	14 x 18 mm	27 mm
3235-R30	14 x 18 mm	30 mm



Reversible heavy duty ratchet head for torque bars

Boca de carraca reversible industrial
para barras dinamométricas

Roquete reversível industrial
para barras dinamométricas

Art.			
3235-U12P	24	14 x 18 mm	1/2"

14x18

1/2"



Reversible fine teeth ratchet head for torque bars

Boca de carraca reversible dentado fino
para barras dinamométricas

Cabeça de roquete reversível de dentes finos
para barras dinamométricas

Art.			
3235-U12R	72	14 x 18 mm	1/2"

14x18

1/2"



Torque wrench

with fine scale graduation in Nm and lbf-in. Hardened steel housing with integrated switch lever and freewheel function.

Llave dinamométrica

con graduación en Nm y lbf-in. Cuerpo de acero endurecido con mango de ajuste de una sola pieza y con función de rueda libre.

Chave Dinamométrica

com escala fina graduada em Nm e lbf-in. Corpo em aço reforçado e patilha integrada com função de rotação livre.

Art.		< ~ >	L mm
2045	1/2"	42 - 210 Nm 31 - 154.9 Lb.ft	450
2045E	1/2"	Repair kit Kit reparación Kit de reparação	

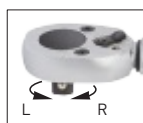
1/2"



DIN ISO 6789



QUICKLOCK



Art. 2045E

Socket

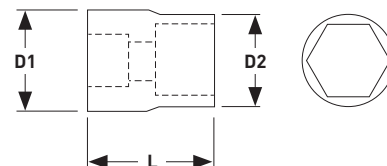
Llave de vaso

Chave de caixa

Art.		 mm	D1 mm	D2 mm	L mm
100035	1/4"	3.5	11.8	6.1	25
100040	1/4"	4	11.8	6.7	25
100045	1/4"	4.5	11.8	7.3	25
100050	1/4"	5	11.8	8.0	25
100055	1/4"	5.5	11.8	8.6	25
100060	1/4"	6	11.8	9.2	25
100070	1/4"	7	11.8	10.7	25
100080	1/4"	8	11.8	11.8	25
100090	1/4"	9	13.0	13.0	25
100100	1/4"	10	14.3	14.3	25
100110	1/4"	11	15.8	15.8	25
100120	1/4"	12	16.8	16.8	25
100130	1/4"	13	17.8	17.8	25
100140	1/4"	14	19.8	19.8	25



DIN 3124 / ISO 2725-1



goes easy on screws and tool
protege los tornillos y el herramienta
protege parafusos e ferramentas



Inch socket

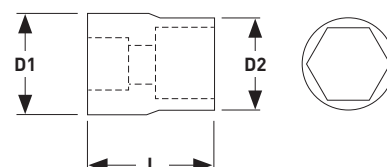
Llave de vaso pulgada

Chave de caixa polegada

Art.		 inch	D1 mm	D2 mm	L mm
100503	1/4"	3/16"	11.8	7.8	25
100504	1/4"	7/32"	11.8	8.5	25
100505	1/4"	1/4"	11.8	9.5	25
100506	1/4"	9/32"	11.8	10.7	25
100507	1/4"	5/16"	11.8	11.8	25
100508	1/4"	11/32"	13.0	13.0	25
100509	1/4"	3/8"	14.2	14.2	25
100510	1/4"	7/16"	15.7	15.7	25
100511	1/4"	1/2"	17.7	17.7	25



DIN 3124 / ISO 2725-1



Deep socket

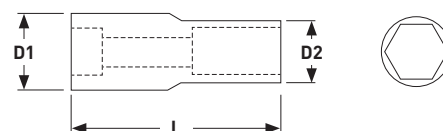
Llave de vaso largo

Chave de caixa longa

Art.		 mm	D1 mm	D2 mm	L mm
101040	1/4"	4	11.9	6.7	50
101045	1/4"	4.5	11.9	7.5	50
101050	1/4"	5	11.9	8.0	50
101055	1/4"	5.5	11.9	8.7	50
101060	1/4"	6	11.9	9.2	50
101070	1/4"	7	11.9	10.8	50
101080	1/4"	8	11.9	11.9	50
101090	1/4"	9	13.1	13.1	50
101100	1/4"	10	14.6	14.6	50
101110	1/4"	11	15.9	15.9	50
101120	1/4"	12	16.9	16.9	50
101130	1/4"	13	17.9	17.9	50



DIN 3124 / ISO 2725-1

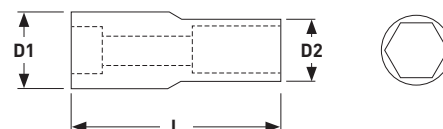


Deep inch socket

Llave de vaso largo polegada

Chave de caixa longa polegada

Art.		 inch	D1 mm	D2 mm	L mm
101503	1/4"	3/16"	11.9	7.9	50
101504	1/4"	7/32"	11.9	8.9	50
101505	1/4"	1/4"	11.9	9.9	50
101506	1/4"	9/32"	11.9	11.0	50
101507	1/4"	5/16"	11.9	11.9	50
101508	1/4"	11/32"	13.1	13.1	50
101509	1/4"	3/8"	14.6	14.6	50
101510	1/4"	7/16"	15.9	15.9	50
101511	1/4"	1/2"	17.9	17.9	50

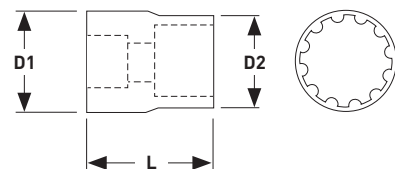
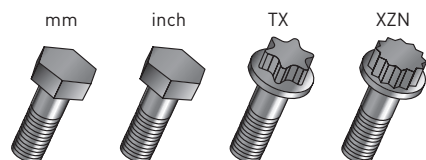


Socket COMBI

Llave de vaso COMBI

Chave de caixa COMBI

Art.	1/4"	mm	inch	E	XZN	D1 mm	D2 mm	L mm
130040	1/4"	4	5/32"	E5	M5	11.8	6.8	25
130045	1/4"	4.5	3/16"	E6		11.8	7.3	25
130050	1/4"	5	3/16" 13/64"		M6	11.8	7.9	25
130055	1/4"	5.5	7/32"	E7		11.8	8.7	25
130060	1/4"	6	1/4"	E8	M8	11.8	9.3	25
130070	1/4"	7	9/32"			11.8	10.6	25
130080	1/4"	8	5/16"	E10	M10	11.8	12.8	25
130090	1/4"	9	11/32"			11.8	12.8	25
130100	1/4"	10	3/8"	E12	M12	13.8	15.8	25
130110	1/4"	11	7/16"	E14	M14	13.8	15.8	25
130120	1/4"	12	15/32"	E16		14.8	16.8	25
130130	1/4"	13	1/2"		M16	15.8	17.8	25
130140	1/4"	14	9/16"	E18	M18	17.8	19.8	25



Pass through socket

enables the fastening and unfastening jobs with long bolt and threaded rods

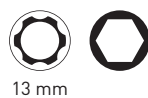
Llave de vaso pasante

Permite la entrada en un espárrago largo para el apriete/desapriete de tuercas

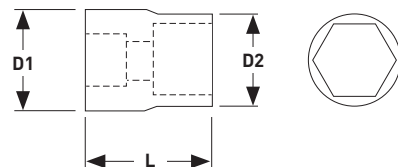
Chave de caixa de aperto

permite o aperto e o desaperto de parafusos longos e de varão roscado

Art.	mm	mm	D1 mm	D2 mm	L mm
590035	13	3.5	13	5.4	25
590040	13	4	13	6.0	25
590045	13	4.5	13	6.6	25
590050	13	5	13	7.1	25
590055	13	5.5	13	8.2	25
590060	13	6	13	9.3	25
590070	13	7	13	10.0	25
590080	13	8	13	11.5	25
590090	13	9	13	12.5	25
590100	13	10	13	14.2	25
590110	13	11	13	15.3	25
590120	13	12	13	16.5	25
590130	13	13	13	17.4	25



13 mm



External TX-socket

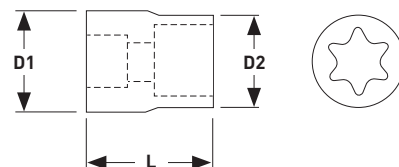
Llave de vaso TX exterior

Chave de caixa TX exterior

Art.	1/4"		D1 mm	D2 mm	L mm
120004	1/4"	E4	11.9	7.2	25
120005	1/4"	E5	11.9	8.0	25
120006	1/4"	E6	11.9	8.0	25
120007	1/4"	E7	11.9	8.9	25
120008	1/4"	E8	11.9	10.3	25
120010	1/4"	E10	12.7	12.7	25
120011	1/4"	E11	14.1	14.1	25



1/4"



Slotted bit-socket

Llave de vaso punta ranurada

Chave de caixa com bit fenda

Art.	Ø	mm	L mm
102040	1/4"	0.5 x 4.0	38
102055	1/4"	0.8 x 5.5	38
102065	1/4"	1.0 x 6.5	38



Phillips bit-socket

Llave de vaso punta Phillips

Chave de caixa com bit Phillips

Art.	Ø	+	L mm
103001	1/4"	PH 1	38
103002	1/4"	PH 2	38
103003	1/4"	PH 3	38



Pozidriv bit-socket

Llave de vaso punta Pozidriv

Chave de caixa com bit Pozidriv

Art.	Ø	+	L mm
104000	1/4"	PZ 0	38
104001	1/4"	PZ 1	38
104002	1/4"	PZ 2	38
104003	1/4"	PZ 3	38



TX bit-socket

Llave de vaso punta TX

Chave de caixa com bit TX

Art.	Ø	★	L mm
105008	1/4"	T8	38
105010	1/4"	T10	38
105015	1/4"	T15	38
105020	1/4"	T20	38
105025	1/4"	T25	38
105027	1/4"	T27	38
105030	1/4"	T30	38
105040	1/4"	T40	38

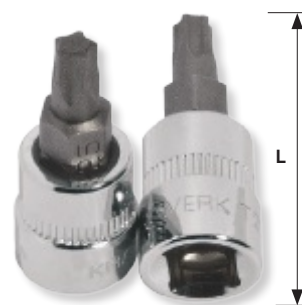


5-star TX bit-socket

Llave de vaso punta TX 5 puntas

Chave de caixa com bit TX 5 pontas

Art.	Ø	★	L mm
115008	1/4"	TS 8	38
115009	1/4"	TS 9	38
115010	1/4"	TS 10	38
115015	1/4"	TS 15	38
115020	1/4"	TS 20	38
115025	1/4"	TS 25	38
115027	1/4"	TS 27	38
115030	1/4"	TS 30	38
115040	1/4"	TS 40	38



5-Star tamper TX bit-socket

Llave de vaso punta TX seguridad de 5 puntas

Chave de caixa com bit tamper TX 5 pontas

Art.	Ø	★	L mm
115308	1/4"	TS 8	38
115309	1/4"	TS 9	38
115310	1/4"	TS 10	38
115315	1/4"	TS 15	38
115320	1/4"	TS 20	38
115325	1/4"	TS 25	38
115327	1/4"	TS 27	38
115330	1/4"	TS 30	38
115340	1/4"	TS 40	38



Hexagonal bit-socket

Llave de vaso punta hexagonal

Chave de caixa com bit sextavada

Art.	Ø	mm	L mm
106003	1/4"	3	38
106004	1/4"	4	38
106005	1/4"	5	38
106006	1/4"	6	38
106007	1/4"	7	38
106008	1/4"	8	38



Hexagonal inch bit-socket

Llave de vaso punta hexagonal pulgada

Chave de caixa com bit sextavada polegada

Art.		 inch	L mm
106501	1/4"	1/8"	38
106502	1/4"	5/32"	38
106503	1/4"	3/16"	38
106504	1/4"	7/32"	38
106505	1/4"	1/4"	38



Extension bar

Alargadera

Extensão

Art.			L mm
107050	1/4"	1/4"	50
107100	1/4"	1/4"	100

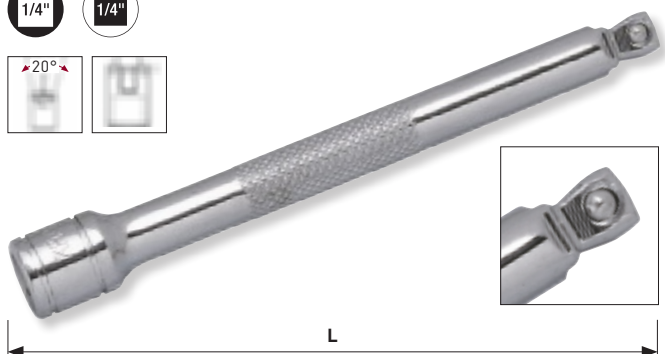
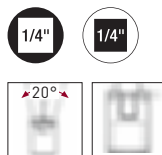


Duplex wobble extension bar

Alargadera de punta angular duplex

Extensão com ponta angular duplex

Art.			L mm
107101	1/4"	1/4"	100
107151	1/4"	1/4"	150



Locking extension bar

Alargadera bloqueio

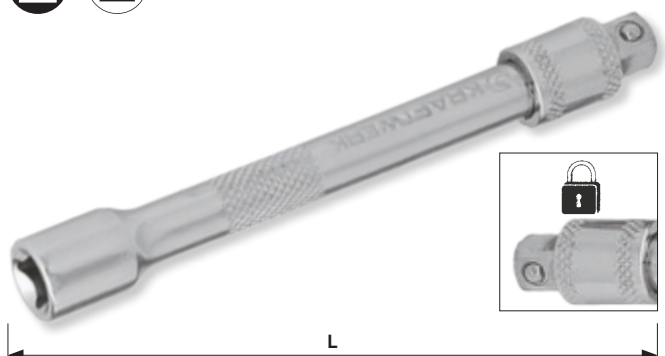
Extensão com fecho

Art.			L mm
107102	1/4"	1/4"	100



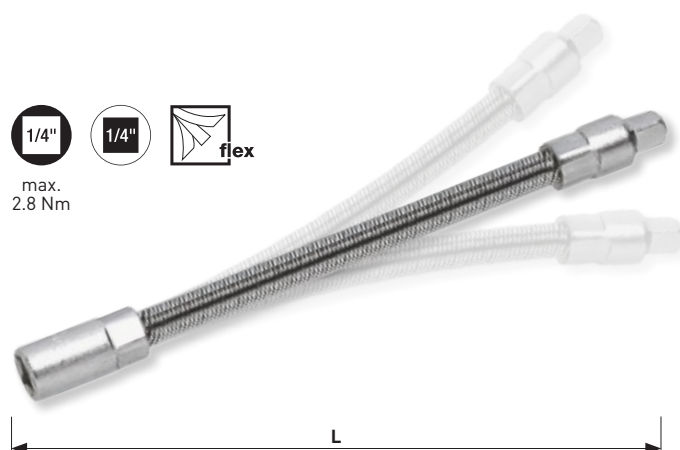
Set / Juego / Jogo

Art.123002
204



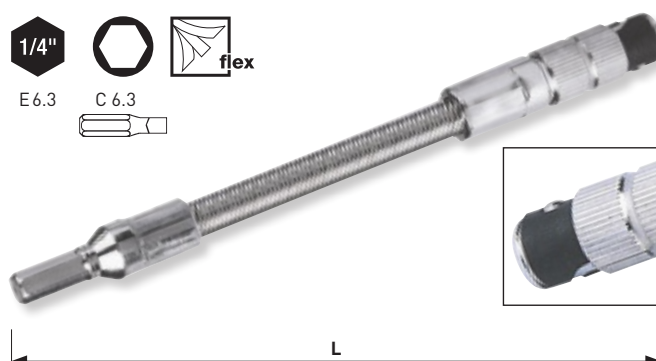
Flexible extension bar
Alargadera flexible
Extensão flexível

Art.			L mm
107155	1/4"	1/4"	146



Flexible extension bar for bits
Alargadera flexible para puntas
Extensão flexível para bits

Art.			L mm
107140	1/4"	1/4"	140



Pass through extension bar

enables the fastening and unfastening jobs with long bolt and threaded rods

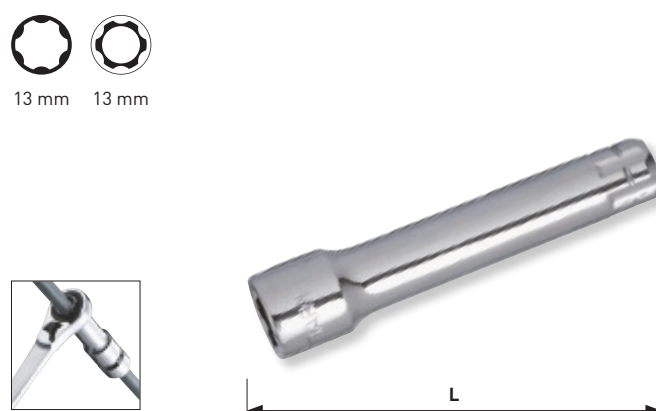
Alargadera pasante

permite la entrada en un espárrago largo para el apriete/ desapriete de tuercas

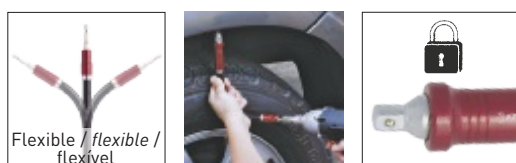
Extensão de aperto

permite o aperto e o desaperto de parafusos longos e de varão roscado

Art.			L mm
597075	13	13	75



Heavy duty flexible extension socket holder
Alargadera flexible industrial para llaves de vaso
Extensão flexível de alta resistência com adaptador para chaves



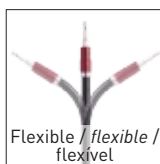
Art.			L mm
107330	1/4"	1/4"	≈ 330



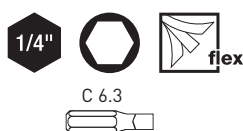
Heavy duty flexible extension bit holder

Alargadera flexible industrial para puntas

Extensão flexível de alta resistência com adaptador para bits



Art.			L mm
107331	1/4"	1/4"	330



Flexible socket driver handle

Vaso con mango, flexible

Chave de punho flexível

Art.	mm	L1 mm	L2 mm
109060	6	158	270
109070	7	158	270
109080	8	158	270
109090	9	158	292
109100	10	176	292
109110	11	176	292



Spinner handle

with 1/4" square drive in end of handle

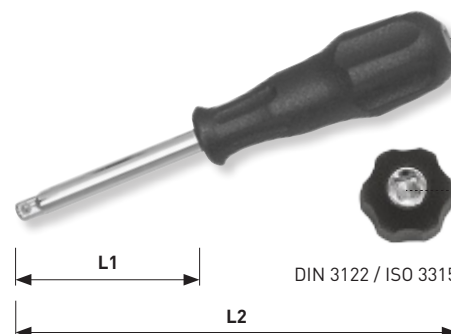
Mango atornillador

con cuadrado interior 1/4" en el extremo del mango

Extensão com punho

com quadrado interior 1/4" no final pega

Art.			L1 mm	L2 mm
109150	1/4"	1/4"	70	155



Bi-material spinner handle

with 1/4" square drive in end of handle

Mango atornillador bimatereial

con cuadrado interior 1/4" en el extremo del mango

Extensão com punho bimatereial

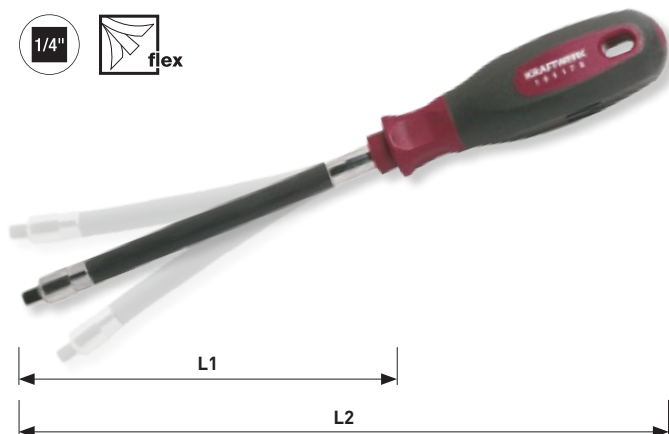
com quadrado interior 1/4" na extremidade do punho

Art.			L1 mm	L2 mm
109151	1/4"	1/4"	51	153



Bi-material flexible spinner handle
Mango atornillador flexible bimaterial
Chave de punho flexível bimaterial

Art.		L1 mm	L2 mm
109175	1/4"	158	270



3-way t-bar-adapter
Adaptador para barra deslizante T
Adaptador de 3 vias para rabo de força

Art.			L mm
108000	1/4"	1/4"	22



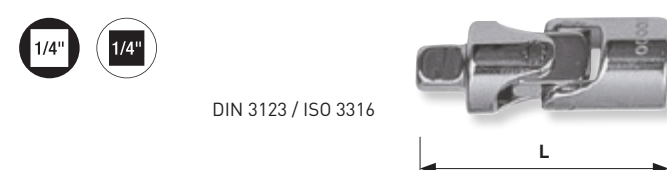
Sliding t-bar
Barra deslizante T
Cabo corredeço

Art.			L mm
108100	1/4"	1/4"	105



Universal joint
Articulación universal
Cardan

Art.			L mm
110000	1/4"	1/4"	35



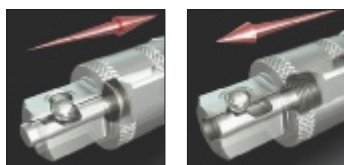
Quick locking universal joint
Articulación universal con bloqueo rápido
Cardan bloqueio com fecho rápido



Set / Juego / Jogo

Art.123102

205



Art.			L mm
123102-14	1/4"	1/4"	55



Socket-adapter

for pass through reversible ratchet handle 590000

Adaptador llaves de vaso

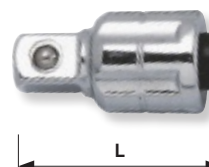
para carraca reversible pasante 590000

Adaptador chaves de caixa

para roquete manual de aperto reversível 590000



13 mm



Art.	 mm		L mm
591140	13	1/4"	25

Bit-adapter

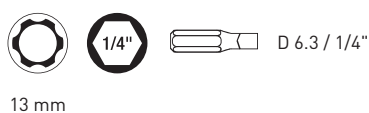
for pass through reversible ratchet handle 590000

Adaptador porta punta

para carraca reversible pasante 590000

Adaptador de bit

para roquete manual de aperto reversível 590000



13 mm

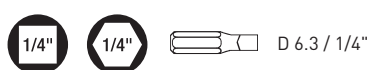


Art.	 mm		L mm
592760	13	1/4"	22

Coupler for bits

Adaptador para puntas

Adaptador para bits



Art.			L mm
2760	1/4"	1/4"	25



Socket

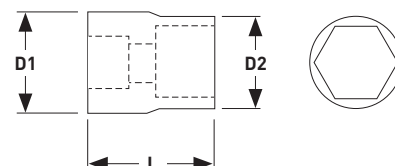
Llave de vaso

Chave de caixa

Art.		 mm	D1 mm	D2 mm	L mm
200060	3/8"	6	17.0	9.3	25
200070	3/8"	7	17.0	10.8	25
200080	3/8"	8	17.0	12.0	25
200090	3/8"	9	17.0	12.9	25
200100	3/8"	10	17.0	14.5	25
200110	3/8"	11	17.0	15.8	25
200120	3/8"	12	17.0	17.0	25
200130	3/8"	13	18.9	18.9	25
200140	3/8"	14	19.5	19.5	25
200150	3/8"	15	20.8	20.8	25
200160	3/8"	16	22.0	22.0	25
200170	3/8"	17	23.3	23.3	25
200180	3/8"	18	24.0	24.0	25
200190	3/8"	19	24.0	25.8	26
200200	3/8"	20	24.0	27.7	29
200210	3/8"	21	25.0	27.9	29
200220	3/8"	22	26.0	29.5	32
200240	3/8"	24	26.0	31.9	32



DIN 3124 / ISO 2725-1



goes easy on screws and tool
protege los tornillos y el herramienta
 protege parafusos e ferramentas

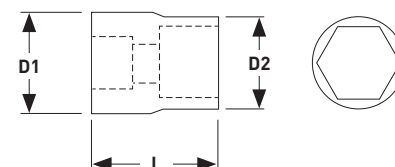


Inch socket

Llave de vaso pulgada

Chave de caixa polegada

Art.		 inch	D1 mm	D2 mm	L mm
200505	3/8"	1/4"	17.2	10.0	25
200507	3/8"	5/16"	17.2	11.7	25
200509	3/8"	3/8"	17.2	13.8	25
200510	3/8"	7/16"	17.2	16.0	25
200511	3/8"	1/2"	17.9	17.9	25
200512	3/8"	9/16"	19.7	19.7	25
200513	3/8"	5/8"	22.2	22.2	25
200514	3/8"	11/16"	23.9	23.9	25
200515	3/8"	3/4"	25.9	25.9	25
200516	3/8"	13/16"	27.9	27.9	29
200517	3/8"	7/8"	29.7	29.7	29
200518	3/8"	15/16"	31.9	31.9	29
200519	3/8"	1"	33.9	33.9	29



Deep socket

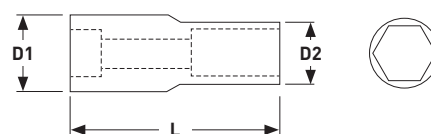
Llave de vaso largo

Chave de caixa longa

Art.	□	○ mm	D1 mm	D2 mm	L mm
201080	3/8"	8	16.8	12.0	64
201100	3/8"	10	16.8	14.4	64
201110	3/8"	11	16.8	15.9	64
201120	3/8"	12	16.8	16.8	64
201130	3/8"	13	18.8	18.8	64
201140	3/8"	14	19.8	19.8	64
201150	3/8"	15	20.4	20.4	64
201170	3/8"	17	23.8	23.8	64
201180	3/8"	18	23.8	23.8	64
201190	3/8"	19	26.0	26.0	64
201220	3/8"	22	29.5	29.5	64



DIN 3124 / ISO 2725-1

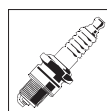


Spark plug socket

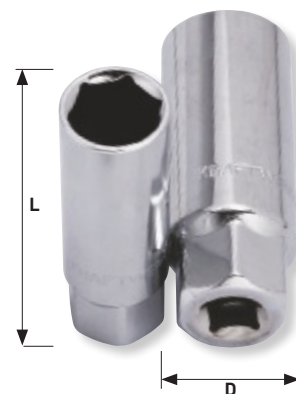
Llave de vaso bujías

Chave de caixa velas

Art.	□	○ mm	D mm	L mm
201114	3/8"	14	18	64
201160	3/8"	16	22	64
201118	3/8"	18	23.8	64
201210	3/8"	21	27.3	64



AUTOMOTIVE

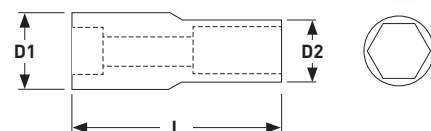


Deep inch socket

Llave de vaso largo pulgada

Chave de caixa longa polegada

Art.	□	○ inch	D1 mm	D2 mm	L mm
201509	3/8"	3/8"	16.8	14.4	64
201510	3/8"	7/16"	16.8	16.0	64
201511	3/8"	1/2"	17.8	17.8	64
201512	3/8"	9/16"	19.8	19.8	64
201514	3/8"	11/16"	23.8	23.8	64
201515	3/8"	3/4"	25.8	25.8	64
201517	3/8"	7/8"	29.8	29.8	64



Inch spark plug socket

Llave de vaso bujías pulgada

Chave de caixa velas polegada

Art.		 inch	D mm	L mm
201513	3/8"	5/8"	22.0	64
201516	3/8"	13/16"	27.2	70

Pass through socket

enables the fastening and unfastening jobs with long bolt and threaded rods.

Llave de vaso pasante

permite la entrada en un espárrago largo para el apriete/desapriete de tuercas.

Chave de caixa de aperto

permite o aperto e o desaperto de parafusos longos e de varão roscado.

Art.	 mm	 mm	D1 mm	D2 mm	L mm
600100	20	10	20	14.6	32
600110	20	11	20	15.3	32
600120	20	12	20	16.6	32
600130	20	13	20	17.7	32
600140	20	14	20	18.8	32
600150	20	15	20	20.0	32
600160	20	16	20	21.2	32
600170	20	17	20	22.5	32
600180	20	18	20	23.6	32
600190	20	19	20	24.4	32

External TX-socket

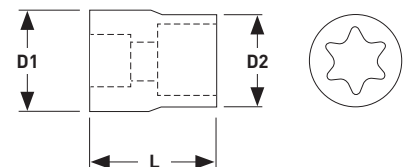
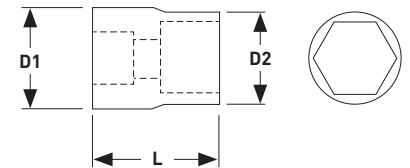
Llave de vaso TX exterior

Chave de caixa TX exterior

Art.			D1 mm	D2 mm	L mm
220004	3/8"	E4	16.8	7.1	26
220005	3/8"	E5	16.8	8.0	26
220006	3/8"	E6	16.8	8.0	26
220007	3/8"	E7	16.8	9.0	26
220008	3/8"	E8	16.8	10.5	26
220010	3/8"	E10	16.8	13.0	26
220011	3/8"	E11	16.8	14.0	26
220012	3/8"	E12	16.8	15.5	26
220014	3/8"	E14	18.9	18.9	28
220016	3/8"	E16	18.9	18.9	28
220018	3/8"	E18	19.8	19.8	28
220020	3/8"	E20	21.8	21.8	30



AUTOMOTIVE



Slotted bit-socket

Llave de vaso punta ranurada

Chave de caixa com bit fenda

Art.	Ø	mm	L mm
202055	3/8"	0.8 x 5.5	48
202065	3/8"	1.0 x 6.5	48
202080	3/8"	1.6 x 8.0	48



Phillips bit-socket

Llave de vaso punta Phillips

Chave de caixa com bit Phillips

Art.	Ø	+	L mm
203001	3/8"	PH 1	48
203002	3/8"	PH 2	48
203003	3/8"	PH 3	48



Pozidriv bit-socket

Llave de vaso punta Pozidriv

Chave de caixa com bit Pozidriv

Art.	Ø	+	L mm
204001	3/8"	PZ 1	48
204002	3/8"	PZ 2	48
204003	3/8"	PZ 3	48



TX bit-socket

Llave de vaso punta TX

Chave de caixa com bit TX

Art.	Ø	★	L mm
205010	3/8"	T10	48
205015	3/8"	T15	48
205020	3/8"	T20	48
205025	3/8"	T25	48
205027	3/8"	T27	48
205030	3/8"	T30	48
205040	3/8"	T40	48
205045	3/8"	T45	48
205050	3/8"	T50	48
205055	3/8"	T55	48
205060	3/8"	T60	48



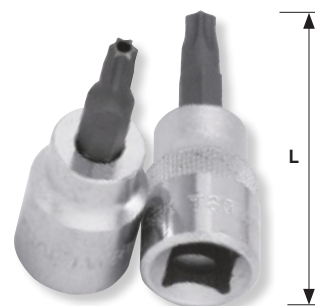
Tamper TX bit-socket

Llave de vaso punta TX seguridad

Chave de caixa com bit tamper TX



Art.	Ø	☆	L mm
205310	3/8"	T10	48
205315	3/8"	T15	48
205320	3/8"	T20	48
205325	3/8"	T25	48
205327	3/8"	T27	48
205330	3/8"	T30	48
205340	3/8"	T40	48
205345	3/8"	T45	48
205350	3/8"	T50	48
205355	3/8"	T55	48
205360	3/8"	T60	48



Hexagonal bit-socket

Llave de vaso punta hexagonal

Chave de caixa com bit sextavada



Art.	Ø	mm	L mm
206003	3/8"	3	48
206004	3/8"	4	48
206005	3/8"	5	48
206006	3/8"	6	48
206007	3/8"	7	48
206008	3/8"	8	48
206010	3/8"	10	48



Hexagonal inch bit-socket

Llave de vaso punta hexagonal pulgada

Chave de caixa com bit sextavada polegada



Art.	Ø	inch	L mm
206501	3/8"	1/8"	48
206502	3/8"	5/32"	48
206503	3/8"	3/16"	48
206504	3/8"	7/32"	48
206505	3/8"	1/4"	48
206507	3/8"	5/16"	48
206509	3/8"	3/8"	48



Extension bar
Alargadera
Extensão

Art.			L mm
207075	3/8"	3/8"	75
207150	3/8"	3/8"	150
207250	3/8"	3/8"	250



Duplex wobble extension bar
Alargadera de punta angular duplex
Extensão com ponta angular duplex

Art.			L mm
207076	3/8"	3/8"	75
207151	3/8"	3/8"	150
207251	3/8"	3/8"	250



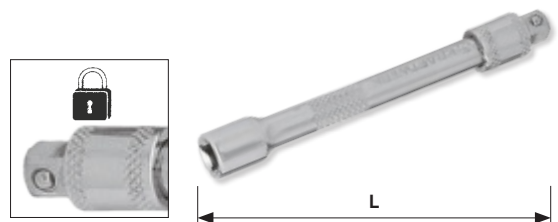
Locking extension bar
Alargadera bloqueo
Extensão com fecho

Art.			L mm
207152	3/8"	3/8"	150
207252	3/8"	3/8"	250



Set / Juego / Jogo

Art.123002
204



Pass through extension bar

enables the fastening and unfastening jobs with long bolt and threaded rods.

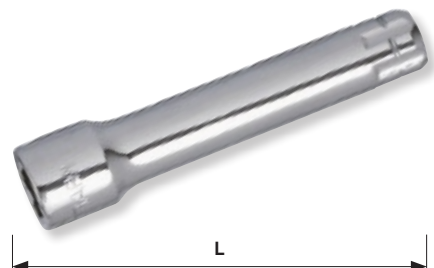
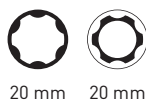
Alargadera pasante

permite la entrada en un espárrago largo para el apriete/ desapriete de tuercas.

Extensão de aperto

permite o aperto e o desaperto de parafusos longos e de varão roscado.

Art.			L mm
607075	20	20	75



3-way t-bar-adapter

Adaptador para barra deslizante T

Adaptador de 3 vias para rabo de força

Art.			L mm
208000	1/2"	3/8"	22

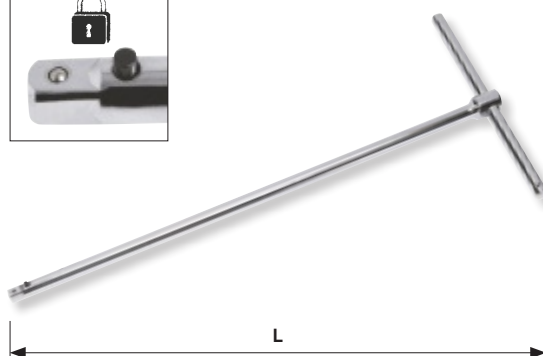


Locking t-bar

Barra T con bloqueo

Extensão em T com fecho

Art.		L mm
212650	3/8"	650

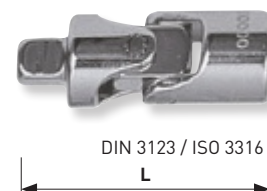


Universal joint

Articulación universal

Cardan

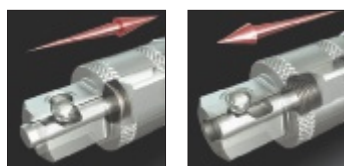
Art.			L mm
210000	3/8"	3/8"	50



Quick locking universal joint

Articulación universal con bloqueo rápido

Cardan bloqueio com fecho rápido



Art.			L mm
123102-38	3/8"	3/8"	79



Set / Juego / Jogo

Art.123102
205



Socket adapter

Adaptador reductor para llaves de vaso

Adaptador reductor para chaves de caixa

Art.			L mm
213814	3/8"	1/4"	26



DIN 3123 / ISO 3316



Socket-adapter

for pass through reversible ratchet handle 600000

Adaptador llaves de vaso

para carraca reversible pasante 600000

Adaptador chaves de caixa

para roquete manual de aperto reversível 600000

Art.			L mm
611140	20 mm	1/4"	28
611380	20 mm	3/8"	28



20 mm



Coupler for bits

Adaptador para puntas

Adaptador para bits

Art.			L mm
2761	3/8"	1/4"	25



D 6.3 / 1/4"



Coupler for bits

Adaptador para puntas

Adaptador para bits

Art.			L mm
211516	3/8"	5/16"	29



5/16"

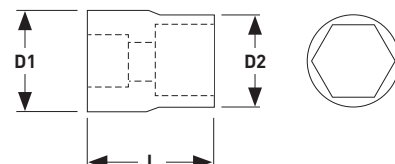


Socket
Llave de vaso
Chave de caixa

Art.	1/2"	mm	D1 mm	D2 mm	L mm
300080	1/2"	8	22.2	13.3	38
300100	1/2"	10	22.2	15.3	38
300110	1/2"	11	22.2	16.5	38
300120	1/2"	12	22.2	17.8	38
300130	1/2"	13	22.2	19.0	38
300140	1/2"	14	22.2	20.3	38
300150	1/2"	15	22.2	21.8	38
300160	1/2"	16	22.2	22.2	38
300170	1/2"	17	23.9	23.9	38
300180	1/2"	18	24.9	24.9	38
300190	1/2"	19	24.1	25.9	38
300200	1/2"	20	24.1	27.8	38
300210	1/2"	21	24.3	27.9	38
300220	1/2"	22	26.5	29.9	38
300240	1/2"	24	26.5	31.9	38
300270	1/2"	27	29.3	35.9	40
300300	1/2"	30	33.4	39.9	43
300320	1/2"	32	34.4	41.9	43
300340	1/2"	34	35.2	43.8	43



DIN 3124 / ISO 2725-1



goes easy on screws and tool
protege los tornillos y el herramienta
protege parafusos e ferramentas

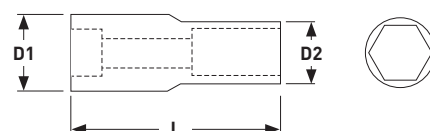


Deep socket
Llave de vaso largo
Chave de caixa longa

Art.	1/2"	mm	D1 mm	D2 mm	L mm
301100	1/2"	10	22.0	15.3	77
301110	1/2"	11	22.0	16.5	77
301116	1/2"	16	22.0	22.0	77
301120	1/2"	12	22.0	17.8	77
301130	1/2"	13	22.0	19.0	77
301140	1/2"	14	22.0	20.3	77
301150	1/2"	15	22.0	22.0	77
301170	1/2"	17	23.8	23.8	77
301180	1/2"	18	25.8	25.8	77
301190	1/2"	19	25.8	25.8	77
301220	1/2"	22	29.8	29.8	77



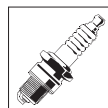
DIN 3124 / ISO 2725-1



Spark plug socket
Llave de vaso bujías
Chave de caixa velas



Art.	1/2"	mm	D mm	L mm
301160	1/2"	16	22.8	64.0
301210	1/2"	21	27.8	70.0



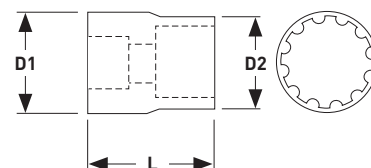
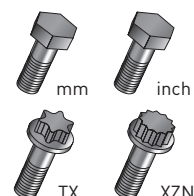
AUTOMOTIVE



Socket COMBI
Llave de vaso COMBI
Chave de caixa COMBI



Art.	1/2"	mm	inch		XZN	D1 mm	D2 mm	L mm
330100	1/2"	10	3/8"	E12	M12	21.7	15.5	38
330110	1/2"	11	7/16"	E14	M14	21.7	16.5	38
330120	1/2"	12	15/32"	E16		21.7	17.7	38
330130	1/2"	13	1/2"		M16	21.7	19.0	38
330140	1/2"	14	9/16"	E18	M18	21.9	19.9	38
330150	1/2"	15	19/32"			20.9	21.8	38
330160	1/2"	16	5/8"	E20		21.8	23.8	38
330170	1/2"	17				21.8	23.8	38
330180	1/2"	18		E22		23.9	25.6	38
330190	1/2"	19	3/4"	E24		23.9	25.8	38
330200	1/2"	20	25/32"			26.0	27.8	38
330210	1/2"	21				26.0	29.0	38
330220	1/2"	22	7/8"			26.0	30.0	38
330240	1/2"	24	15/16"			28.0	32.0	38
330270	1/2"	27	1 1/16"			30.8	35.6	42
330300	1/2"	30	1 1/8"			33.8	39.7	44
330320	1/2"	32	1 1/4"			36.0	41.8	44



Impact socket
Llave de vaso de impacto
Chave de caixa impacto



Art.	1/2"	mm	L mm
380080	1/2"	8	38
380090	1/2"	9	38
380100	1/2"	10	38
380110	1/2"	11	38
380120	1/2"	12	38
380130	1/2"	13	38
380140	1/2"	14	38
380150	1/2"	15	38
380160	1/2"	16	38
380170	1/2"	17	38
380180	1/2"	18	38
380190	1/2"	19	38
380200	1/2"	20	38
380210	1/2"	21	38
380220	1/2"	22	38
380230	1/2"	23	38
380240	1/2"	24	38
380270	1/2"	27	38
380300	1/2"	30	38
380320	1/2"	32	38

DIN 3129 / ISO 2725-2



Deep impact socket

Llave de vaso largo de impacto

Chave de caixa impacto longa

Art.	⌀	⌀ mm	L mm
381080	1/2"	8	78
381090	1/2"	9	78
381100	1/2"	10	78
381110	1/2"	11	78
381120	1/2"	12	78
381130	1/2"	13	78
381140	1/2"	14	78
381150	1/2"	15	78
381160	1/2"	16	78
381170	1/2"	17	78
381180	1/2"	18	78
381190	1/2"	19	78
381200	1/2"	20	78
381210	1/2"	21	78
381220	1/2"	22	78
381230	1/2"	23	78
381240	1/2"	24	78
381270	1/2"	27	78
381300	1/2"	30	78
381320	1/2"	32	78



DIN 3129 / ISO 2725-2



Deep impact socket

with plastic insert to protect the wheel nuts and plastic sleeve for aluminium rims.

Llave de vaso largo de impacto

con plástico para proteger las tuercas de rueda y recubrimiento plástico para llantas en aluminio.

Chave de caixa impacto longa

com protecção plástica para proteger as porcas das rodas e manga plástica para as jantes de alumínio.

Art.	⌀	⌀ mm	colour	L mm
381150-0	1/2"	15		85
381170-0	1/2"	17		85
381190-0	1/2"	19		85
381210-0	1/2"	21		85
381220-0	1/2"	22		85
381240-0	1/2"	24		85



AUTOMOTIVE

DIN 3129 / ISO 2725-2



Pass through socket

enables the fastening and unfastening jobs with long bolt and threaded rods.

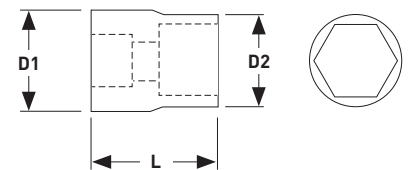
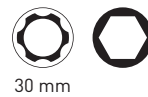
Llave de vaso pasante

permite la entrada en un espárrago largo para el apriete/ desapriete de tuercas.

Chave de caixa de aperto

permite o aperto e o desaperto de parafusos longos e de varão roscado.

Art.	mm	mm	D1 mm	D2 mm	L mm
610190	30	19	30	24.8	42
610200	30	20	30	26.0	42
610210	30	21	30	27.0	42
610220	30	22	30	28.0	42
610240	30	24	30	31.8	42
610270	30	27	30	35.8	42
610300	30	30	30	39.8	45
610320	30	32	30	41.8	48
610340	30	34	30	43.8	50

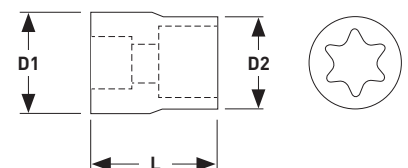


External TX-socket

Llave de vaso TX exterior

Chave de caixa TX exterior

Art.	1/2"	E	D1 mm	D2 mm	L mm
320010	1/2"	E10	22	13	38
320012	1/2"	E12	22	15	38
320014	1/2"	E14	22	17	38
320016	1/2"	E16	22	19	38
320018	1/2"	E18	24	21	38
320020	1/2"	E20	26	23.5	38
320022	1/2"	E22	26	26	38
320024	1/2"	E24	28	28	40



TX bit-socket

Llave de vaso punta TX

Chave de caixa com bit TX

Art.	Ø	★	L mm
325010	1/2"	T10	56
325015	1/2"	T15	56
325020	1/2"	T20	56
325025	1/2"	T25	56
325027	1/2"	T27	56
325030	1/2"	T30	56
325040	1/2"	T40	56
325045	1/2"	T45	56
325050	1/2"	T50	56
325055	1/2"	T55	56
325060	1/2"	T60	56
325070	1/2"	T70	56



Long TX bit-socket

Llave de vaso largo, punta TX

Chave de caixa com bit TX longa

Art.	Ø	★	L mm
335010	1/2"	T10	100
335015	1/2"	T15	100
335020	1/2"	T20	100
335025	1/2"	T25	100
335027	1/2"	T27	100
335030	1/2"	T30	100
335040	1/2"	T40	100
335045	1/2"	T45	100
335050	1/2"	T50	100
335055	1/2"	T55	100
335060	1/2"	T60	100



Long taper TX bit-socket

Llave de vaso largo, punta TX seguridad

Chave de caixa com bit taper TX longa

Art.	□	★	L mm
345330	1/2"	T30	200
345340	1/2"	T40	200
345345	1/2"	T45	200
335370	1/2"	T70	100
325380	1/2"	T80	200
325381	1/2"	T80	70



TX impact socket

Llave de vaso de impacto, TX

Chave de caixa impacto TX

Art.	□	★	L mm
385010	1/2"	T10	78
385015	1/2"	T15	78
385020	1/2"	T20	78
385025	1/2"	T25	78
385027	1/2"	T27	78
385030	1/2"	T30	78
385040	1/2"	T40	78
385045	1/2"	T45	78
385050	1/2"	T50	78
385055	1/2"	T55	78
385060	1/2"	T60	78
385070	1/2"	T70	78
385080	1/2"	T80	78
385090	1/2"	T90	78



Hexagonal bit-socket

Llave de vaso punta hexagonal

Chave de caixa com bit sextavado

Art.	Ø	mm	L mm
326005	1/2"	5	55
326006	1/2"	6	55
326007	1/2"	7	55
326008	1/2"	8	55
326010	1/2"	10	55
326012	1/2"	12	55
326014	1/2"	14	55
326017	1/2"	17	55



Long hexagonal bit-socket

Llave de vaso largo, punta hexagonal

Chave de caixa com bit sextavada longa

Art.	Ø	mm	L mm
336005	1/2"	5	100
336006	1/2"	6	100
336007	1/2"	7	100
336008	1/2"	8	100
336010	1/2"	10	100
336012	1/2"	12	100



Hexagonal impact socket

Llave de vaso de impacto, hexagonal

Chave de caixa impacto sextavada

Art.	Ø	mm	L mm
386003	1/2"	3	78
386004	1/2"	4	78
386005	1/2"	5	78
386006	1/2"	6	78
386007	1/2"	7	78
386008	1/2"	8	78
386009	1/2"	9	78
386010	1/2"	10	78
386012	1/2"	12	78
386014	1/2"	14	78
386016	1/2"	16	78
386017	1/2"	17	78

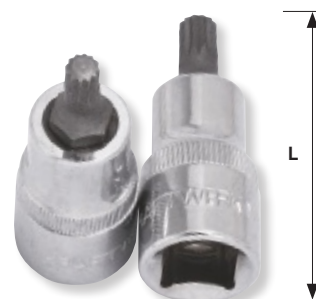


Spline bit-socket

Llave de vaso punta XZN

Chave de caixa com bit XZN

Art.	Ø	XZN	L mm
328005	1/2"	M5	55
328006	1/2"	M6	55
328008	1/2"	M8	55
328010	1/2"	M10	55
328012	1/2"	M12	55
328014	1/2"	M14	55
328016	1/2"	M16	55



Long spline bit-socket

Llave de vaso largo, punta XZN

Chave de caixa com bit XZN longa

Art.	Ø	XZN	L mm
338005	1/2"	M5	100
338006	1/2"	M6	100
338008	1/2"	M8	100
338010	1/2"	M10	100
338012	1/2"	M12	100



XZN-Spline impact socket

Llave de vaso de impacto, XZN

Chave de caixa impacto XZN

Art.	Ø	XZN	L mm
388004	1/2"	M4	78
388005	1/2"	M5	78
388006	1/2"	M6	78
388008	1/2"	M8	78
388009	1/2"	M9	78
388010	1/2"	M10	78
388012	1/2"	M12	78
388014	1/2"	M14	78
388016	1/2"	M16	78
388018	1/2"	M18	78



Tamper RIBE bit-socket

Llave de vaso punta RIBE seguridad

Chave de caixa com bit tamper RIBE



Art.	Ø	Icon	L mm
329005	1/2"	RM5	55
329006	1/2"	RM6	55
329007	1/2"	RM7	55
329008	1/2"	RM8	55
329009	1/2"	RM9	55
329010	1/2"	RM10	55
329011	1/2"	RM11	55
329012	1/2"	RM12	55
329013	1/2"	RM13	55
329014	1/2"	RM14	55



Long tamper RIBE bit-socket

Llave de vaso largo, punta RIBE seguridad

Chave de caixa com bit tamper RIBE longa



Art.	Ø	Icon	L mm
339005	1/2"	RM5	100
339006	1/2"	RM6	100
339007	1/2"	RM7	100
339008	1/2"	RM8	100
339009	1/2"	RM9	100
339010	1/2"	RM10	100
339011	1/2"	RM11	100
339012	1/2"	RM12	100
339013	1/2"	RM13	100
339014	1/2"	RM14	100



RIBE impact socket

Llave de vaso de impacto, RIBE

Chave de caixa impacto RIBE



Art.	□	⚙	L mm
389004	1/2"	RM4	78
389005	1/2"	RM5	78
389006	1/2"	RM6	78
389007	1/2"	RM7	78
389008	1/2"	RM8	78
389009	1/2"	RM9	78
389010	1/2"	RM10	78
389012	1/2"	RM12	78
389013	1/2"	RM13	78
389014	1/2"	RM14	78



Extension bar

Alargadera

Extensão

Art.	□	■	L mm
307125	1/2"	1/2"	125
307250	1/2"	1/2"	250

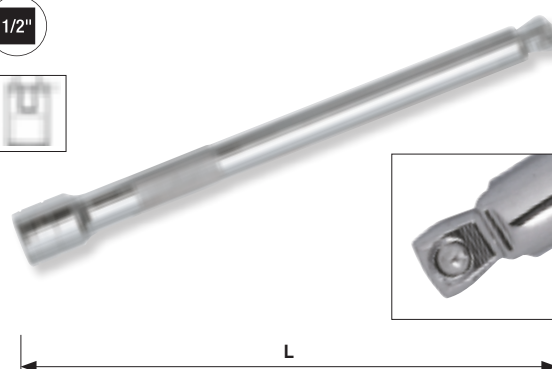


Duplex wobble extension bar

Alargadera de punta angular duplex

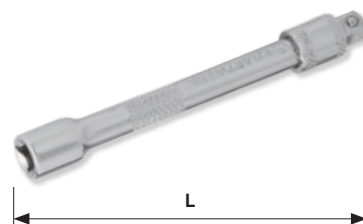
Extensão com ponta angular duplex

Art.	□	■	L mm
307126	1/2"	1/2"	125
307251	1/2"	1/2"	250



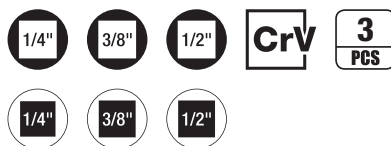
Locking extension bar
Alargadera bloqueo
Extensão com fecho

Art.			L mm
307127	1/2"	1/2"	125
307252	1/2"	1/2"	250



Quick locking extension bar set
Juego de alargaderas con extracción rápida
Jogo de extensões de fecho segurança

Art.			L mm
123002	1/4"	1/4"	100
	3/8"	3/8"	150
	1/2"	1/2"	250



Pass through extension bar

enables the fastening and unfastening jobs with long bolt and threaded rods.

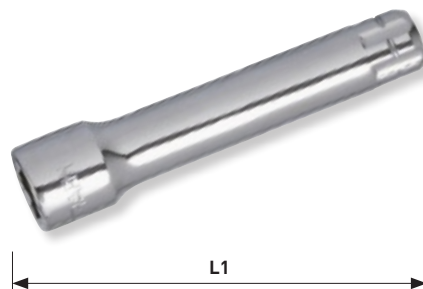
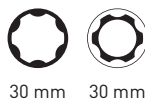
Alargadera pasante

permite la entrada en un espárrago largo para el apriete/desapriete de tuercas.

Extensão de aperto

permite o aperto e o desaperto de parafusos longos e de varão roscado.

Art.			L mm
617075	30	30	75
617150	30	30	150



Impact extension bar
Alargadera impacto
Extensão de impacto

Art.			L mm
387125	1/2"	1/2"	125



3-way t-bar-adapter

Adaptador para barra deslizante T

Adaptador de 3 vias para rabo de força

Art.			 Art.	L mm
308000	3/8"	1/2"	307250	43.5
308001	3/8"	1/2"	307251	43.5

3/8"

1/2"



Universal joint

Articulación universal

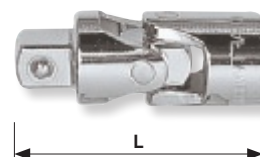
Cardan

Art.			L mm
310000	1/2"	1/2"	75

1/2"

1/2"

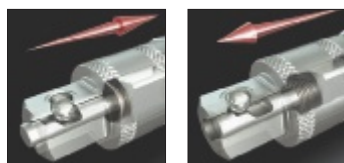
DIN 3123 / ISO 3316



Quick locking universal joint

Articulación universal con bloqueo rápido

Cardan bloqueio com fecho rápido



Art.			L mm
123102-12	1/2"	1/2"	79

1/2"

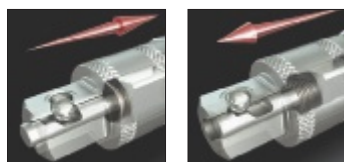
1/2"



Quick locking universal joint set

Juego de articulaciones con cierre y extracción rápida de vaso

Jogo de cardan bloqueio com fecho rápido



Art.			L mm
123102	1/4"	1/4"	55
	3/8"	3/8"	79
	1/2"	1/2"	110

1/4"

3/8"

1/2"

CrV

3
PCS

1/4"

3/8"

1/2"

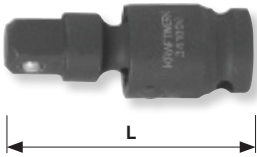


Impact universal joint
Articulación universal impacto
Cardan de impacto

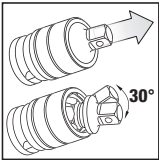
Art.			L mm
381000	1/2"	1/2"	65



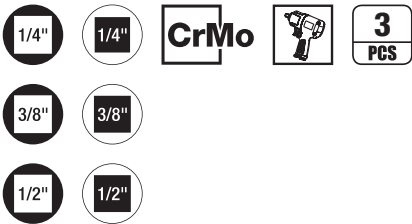
DIN 3123 / ISO 3316



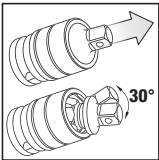
Wobble impact universal joint set
Juego de articulaciones universales impacto
Jogo de cardans de impacto



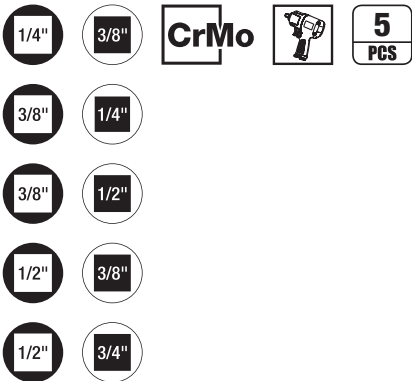
Art.			L mm
387998	1/4"	1/4"	37
	3/8"	3/8"	46
	1/2"	1/2"	62



Wobble impact adaptor set
Juego de adaptadores/reductores articulados de impacto
Jogo de adaptadores/redutores de impacto



Art.			L mm
387999	1/4"	3/8"	36
	3/8"	1/4"	44
	3/8"	1/2"	48
	1/2"	3/8"	57
	1/2"	3/4"	70



Socket adapter
Adaptador
Adaptador

Art.			L mm
311340	1/2"	3/4"	46



DIN 3123 / ISO 3316



Socket reducer
Reductor
Redutor

Art.			L mm
311380	1/2"	3/8"	37



DIN 3123 / ISO 3316

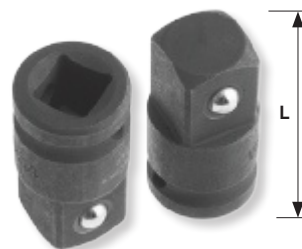


Impact socket adapter
Adaptador impacto
Adaptador de impacto

Art.			L mm
381340	1/2"	3/4"	48



DIN 3121 / ISO 1174



Coupler for bits
Acoplador puntas
Adaptador de bits

Art.			L mm
311516	1/2"	5/16"	38



Impact coupler for bits
Acoplador impacto puntas
Adaptador de impacto para bits

Art.			L mm
381516	1/2"	5/16"	39



DIN 7427-A



Socket adapter

for pass through reversible ratchet handle 610000

Adaptador llaves de vaso

para carraca reversible pasante 610000

Adaptador chaves de caixa

para roquete manual de aperto reversível 610000

Art.			L mm
611120	1/2"	30 mm	40



Impact socket adapter

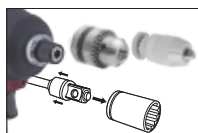
with locking function

Adaptador impacto para llaves de vaso

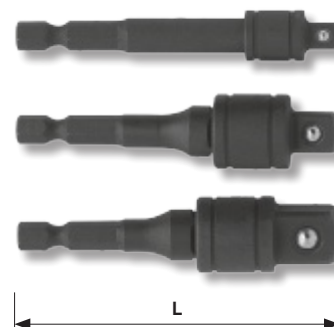
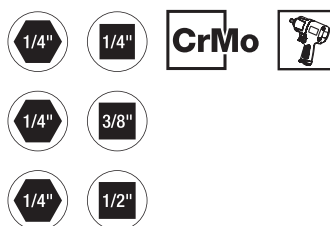
con bloqueo

Adaptador de impacto para chaves de caixa

com fecho automático



Art.			L mm
381014	1/4"	1/4"	75
381038	1/4"	3/8"	75
381012	1/4"	1/2"	75
381003	1/4"	Set / Carraca / Roquete 1/4" + 3/8" + 1/2"	75



3
PCS

Impact socket adapter

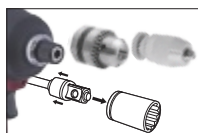
with locking function

Adaptador impacto para llaves de vaso

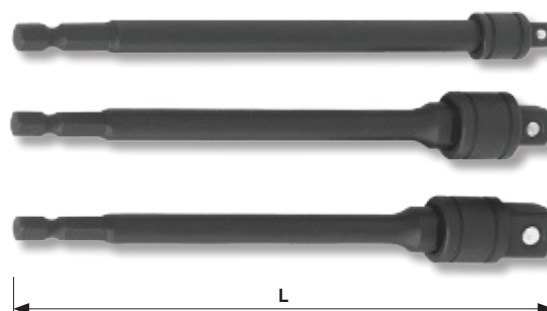
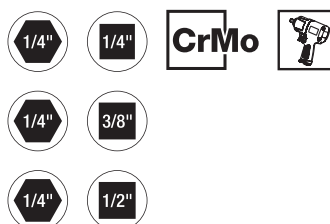
con bloqueo

Adaptador de impacto para chaves de caixa

com fecho automático



Art.			L mm
381114	1/4"	1/4"	150
381138	1/4"	3/8"	150
381112	1/4"	1/2"	150
381103	1/4"	Set / Carraca / Roquete 1/4" + 3/8" + 1/2"	150



3
PCS

Socket adapter set

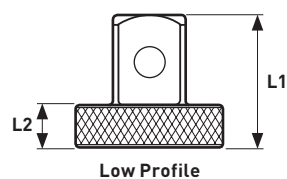
with specially slim profile

Juego adaptadores para vasos

con perfil especialmente fino

Conjunto de adaptadores de caixa

com perfil especialmente fino



Art.	⌀	■	L1 mm	L2 mm
123003	1/4"	3/8"	18	6.5
	3/8"	1/2"	23	7.5
	1/2"	3/4"	34.5	11.5

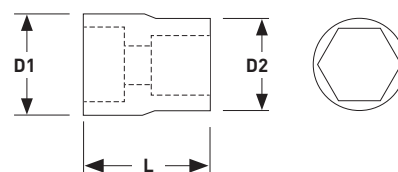
Socket

Llave de vaso

Chave de caixa



DIN 3124 / ISO 2725-1



Art.	⌀	⌀ mm	D1 mm	D2 mm	L mm
400190	3/4"	19	33.0	29.0	50
400210	3/4"	21	33.0	31.0	50
400220	3/4"	22	36.0	32.0	50
400230	3/4"	23	36.0	33.0	50
400240	3/4"	24	36.0	34.0	51
400260	3/4"	26	38.0	36.0	52
400270	3/4"	27	36.0	38.0	52
400290	3/4"	29	38.0	40.0	52
400300	3/4"	30	38.0	42.0	54
400320	3/4"	32	38.0	44.0	56
400350	3/4"	35	42.0	48.0	58
400360	3/4"	36	42.0	50.0	58
400380	3/4"	38	45.0	52.0	60
400410	3/4"	41	45.0	56.0	64
400460	3/4"	46	47.0	62.0	68
400500	3/4"	50	48.0	68.0	72

Impact socket

Llave de vaso impacto

Chave de caixa impacto



Art.	3/4"	mm	L mm
480170	3/4"	17	50
480190	3/4"	19	52
480200	3/4"	20	52
480210	3/4"	21	52
480220	3/4"	22	52
480230	3/4"	23	52
480240	3/4"	24	52
480250	3/4"	25	52
480260	3/4"	26	52
480270	3/4"	27	52
480280	3/4"	28	52
480290	3/4"	29	52
480300	3/4"	30	52
480320	3/4"	32	52
480330	3/4"	33	56
480340	3/4"	34	56
480350	3/4"	35	56
480360	3/4"	36	56
480380	3/4"	38	56
480410	3/4"	41	58
480460	3/4"	46	63
480500	3/4"	50	72



Deep impact socket

Llave de vaso largo de impacto

Chave de caixa impacto longa



Art.	⌀	⌀ mm	L mm
481170	3/4"	17	90
481180	3/4"	18	90
481190	3/4"	19	90
481210	3/4"	21	90
481220	3/4"	22	90
481240	3/4"	24	90
481260	3/4"	26	90
481270	3/4"	27	90
481290	3/4"	29	90
481300	3/4"	30	90
481320	3/4"	32	90
481350	3/4"	35	90
481360	3/4"	36	90
481380	3/4"	38	92
481410	3/4"	41	92
481460	3/4"	46	92
481500	3/4"	50	95



Extension bar
Alargadera
Extensão

Art.	□	■	L mm
407100	3/4"	3/4"	100
407200	3/4"	3/4"	200
407400	3/4"	3/4"	400



Locking extension bar
Alargadera bloqueio
Extensão com fecho

Art.	□	■	L mm
407102	3/4"	3/4"	100
407202	3/4"	3/4"	200
407402	3/4"	3/4"	400



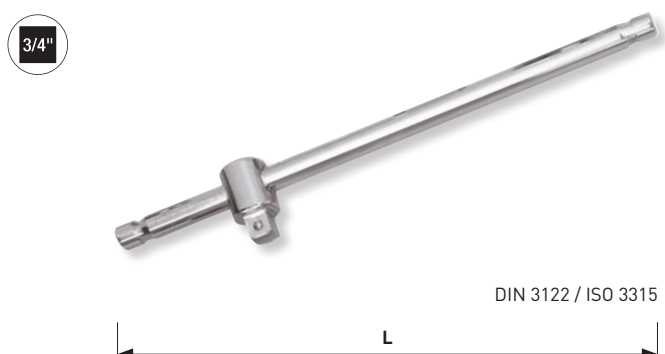
Impact extension bar
Alargadera impacto
Extensão de impacto

Art.	□	■	L mm
487100	3/4"	3/4"	100
487200	3/4"	3/4"	200



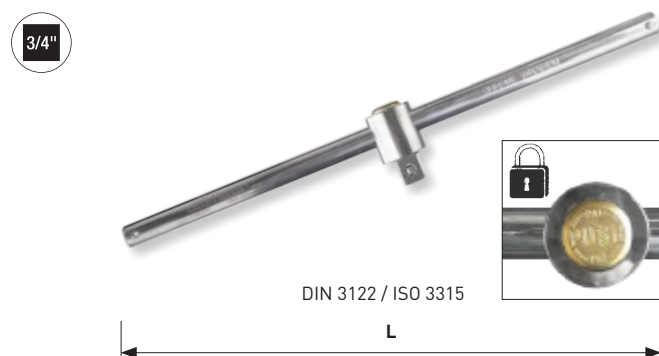
Sliding t-bar
Barra T deslizante
Cabo T correção

Art.	■	L mm
408000	3/4"	460



Locking sliding t-bar
Barra T deslizante bloqueo
Cabo T corredeiro com fecho

Art.		L mm
408002	3/4"	460



Impact universal joint
Articulación universal impacto
Cardan de impacto

Art.			L mm
481000	3/4"	3/4"	90



Socket adapter
Adaptador
Adaptador

Art.			L mm
411120	3/4"	1"	56



DIN 3123 / ISO 3316



Socket reducer
Reductor
Redutor

Art.			L mm
411100	3/4"	1/2"	56



DIN 3123 / ISO 3316



Impact socket adapter
Adaptador impacto
Adaptador de impacto

Art.			L mm
483410	3/4"	1"	64



Impact socket reducer

Reductor impacto

Redutor de impacto

Art.			L mm
483412	3/4"	1/2"	56

Socket

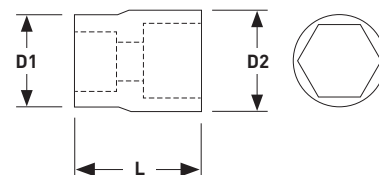
Llave de vaso

Chave de caixa

Art.			D1 mm	D2 mm	L mm
500360	1"	36	45	51	65
500380	1"	38	45	54	65
500410	1"	41	45	57	70
500460	1"	46	50	65	75
500500	1"	50	55	70	75
500540	1"	54	57	74	80
500550	1"	55	57	76	80
500580	1"	58	57	79	80
500600	1"	60	57	82	84
500630	1"	63	57	86	87
500650	1"	65	57	88	87
500670	1"	67	57	90	90
500700	1"	70	68	94	93
500710	1"	71	68	95	93
500750	1"	75	68	100	97
500770	1"	77	68	102	103
500800	1"	80	68	105	103



DIN 3124 / ISO 2725-1



Deep impact socket

Llave de vaso largo de impacto

Chave de caixa impacto longa



Art.	1"	mm	L mm
581220	1"	22	90
581240	1"	24	90
581270	1"	27	90
581300	1"	30	90
581320	1"	32	90
581330	1"	33	90
581340	1"	34	90
581360	1"	36	90
581380	1"	38	92
581410	1"	41	92
581460	1"	46	92
581500	1"	50	95
581550	1"	55	100
581600	1"	60	105
581650	1"	65	120
581700	1"	70	124
581750	1"	75	135
581800	1"	80	135
581850	1"	85	140
581900	1"	90	140



Extension bar
Alargadera
Extensão

Art.			L mm
507200	1"	1"	200
507400	1"	1"	400

Impact extension bar
Alargadera impacto
Extensão de impacto

Art.			L mm
587200	1"	1"	200

3-way t-bar-adapter
Adaptador para barra deslizante T
Adaptador de 3 vias para rabo de força

Art.			L mm
508000	1"	1"	74

Impact universal joint
Articulación universal impacto
Cardan de impacto

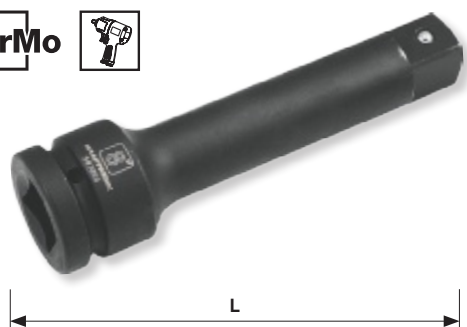
Art.			L mm
581000	1"	1"	110

Socket reducer
Reductor
Redutor

Art.			L mm
511340	1"	3/4"	70

Impact socket reducer
Reductor impacto
Redutor de impacto

Art.			L mm
581034	1"	3/4"	75



DIN 3123 / ISO 3316

