

LLAVES
WRENCHES
CLÉS
SCHLÜSSEL
CHIAVI
CHAVES
КЛЮЧИ

08

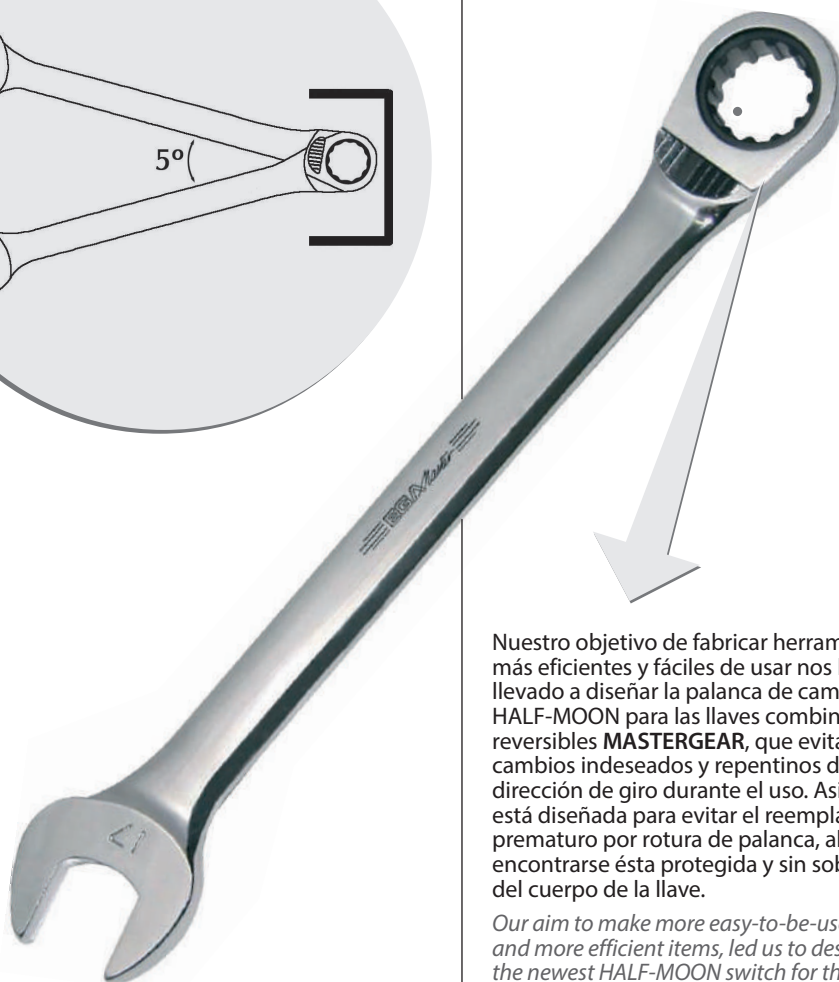
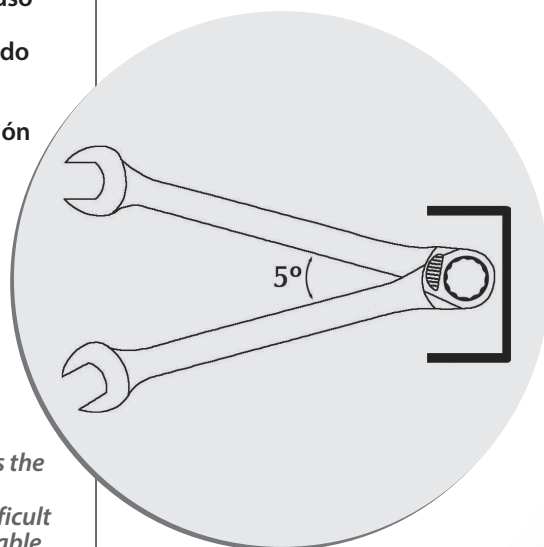


LLAVE COMBINADA REVERSIBLE MASTERGEAR REVERSIBLE MASTERGEAR COMBINATION WRENCH CLÉS MIXTES REVERSIBLES MASTERGEAR

El diseño exclusivo de las llaves **MASTERGEAR** provee al profesional más exigente de una llave multiuso para el apriete en los lugares de más difícil acceso y con un cómodo sistema de carraca. Fabricadas en cromo-vanadio, soportan ampliamente los valores de torsión de los estándares de calidad más exigentes. Su carraca de 72 dientes junto con el diseño especial de su cabeza posibilita aprietes en las posiciones más complicadas, necesitando únicamente 5° para ello. Reversibles, Stubby, E-Torx... todo lo necesario para el profesional.

The exclusive design of the MASTERGEAR wrenches, provides the demanding professional with an all-in-one wrench for the most difficult access tightening, with a comfortable ratchet system. Made in chrome vanadium, they easily stand the most restrictive quality standards for torque. Their 72 teeth gear together with the ratchet head design enables tightening in the narrowest places, with only 5° required for such purpose. Reversible, Stubby, E-Torx... all that the demanding professional may need.

La concepción exclusiva de la clé **MASTERGEAR** fournit au professionnel le plus exigeant une clé multi-usages pour le serrage dans des lieux exigus, avec un système de cliquet. Fabriquées en chrome vanadium, elles supportent amplement les valeurs de torsion que requièrent les standards de qualité les plus exigeants. Son cliquet de 72 dents, combiné à un dessin spécifique de la tête, permet des serrages dans les positions les plus complexes, requérant uniquement 5° pour agir. Réversibles, Stubby, E-Torx... tout l'indispensable pour le professionnel.



Nuestro objetivo de fabricar herramientas más eficientes y fáciles de usar nos ha llevado a diseñar la palanca de cambio HALF-MOON para las llaves combinadas reversibles **MASTERGEAR**, que evita cambios indeseados y repentinos de dirección de giro durante el uso. Asimismo, está diseñada para evitar el reemplazo prematuro por rotura de palanca, al encontrarse ésta protegida y sin sobresalir del cuerpo de la llave.

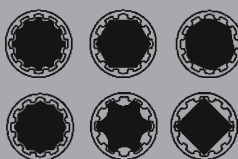
Our aim to make more easy-to-be-used and more efficient items, led us to design the newest HALF-MOON switch for the MASTERGEAR Reversible Combination Wrenches, which avoids unwanted or unconscious switch reversing as well as premature damage of the switch. Besides, this switch is designed to avoid the early need to replace it because of breakage, as this switch is protected by the body of the wrench.

Notre objectif de fabriquer des outils plus performants et plus faciles d'usage, nous a amené à dessiner le bouton de changement de sens de la clé à cliquet réversible **MASTERGEAR**, en forme de demi-lune, ce qui a pour effet d'éviter des changements de sens indésirables et soudain durant l'utilisation. De même, sa conception permet d'éviter des remplacements prématurés de la clé pour cause de rupture du levier, le bouton étant protégé car ne ressortant pas trop du corps de l'outil.

Su innovador diseño de estrella permite apretar múltiples y diferentes cabezas de tornillo, tales como Spline, 6 lados, 12 lados, E-torx y Cuadrados, incluso en cabezas redondeadas hasta en un 50 % por el desgaste.

Its innovative box drive allows to tighten multiple nut heads such as Spline, 6-point, 12 point, Square and E-torx, as well as with 50% rounded off nuts.

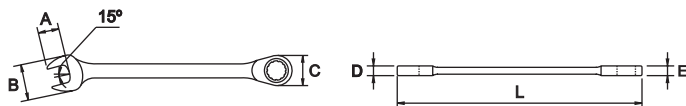
Son dessin innovateur en étoile, permet de serrer de multiples et différentes têtes de vissage, telles que Spline, 6 pans, 12 pans, E-Torx et carrées, y compris des têtes arrondies à 50% par usure.



■ MASTERGEAR

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

■ MM



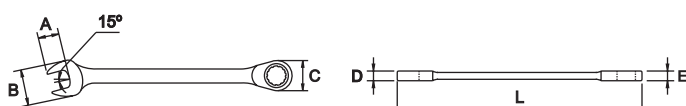
COD.	AP mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g		
62622	6	125	7	13,5	14,5	4,2	6,5	45		
62650	7	130	8	14,5	17,5	4,3	6,8	50		
62651	8	145	9,5	17	18	4,7		55		
62652	9	150	10	18	19	5,3		60		
62653	10	160	11	22	21	5,7		80		
62654	11	165	12	23	22	6,1		90		
62655	12	175	13	25	23	6,4		100		
62656	13	180	15	26	25	6,6		120		
62657	14	190	16	29	26	7,3		130		
62658	15	200	17	31	28	7,5		150		
62659	16	210	18	33	29	7,7		180		
62660	17	230	20	36	30	7,9		200		
62661	18	240		38	32	8,4		240		
62662	19	250		39	34	8,7		310		
62663	21	270	24	43	38	9,5	12,5	340		
62664	22	280	25	46	41	10,0	13,5	450		
62665	24	300	26	48	45	11,0	14,5	600		
62677	27	340	31	55	48	13,0	17,0	800		
62678	30	370	35	62	55	14,0		950		
62679	32	400	37	64	60	15,0				

DIN 1711 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

■ INCH



COD.	AP inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g		
62666	5/16	145	9,0	17	18	4,7	7,4	50		
62667	3/8	160	12	22	21	5,7		60		
62668	7/16	165		23	22	6,1		80		
62669	1/2	180	14	26	25	6,6		100		
62670	9/16	190	16	29	26	7,3		120		
62671	5/8	210	18	33	29	7,7		150		
62672	11/16	230	20	36	30	7,9		180		
62673	3/4	250	22	39	34	8,7	11,5	240		
62674	13/16	270	23	43	38	9,5	12,5	310		
62675	7/8	280	26	46	41	10,0	13,5	340		
62676	15/16	300	27	48	45	11,0	14,5	450		
62709	1	320	26	51	45,7	9,4		480		

DIN 1711 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

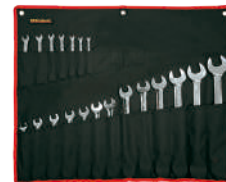
Cr-V

A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado pulido / Полированный хром

■ SET

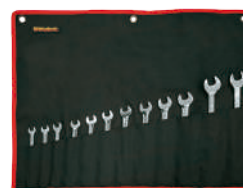
■ MM

COD.		PCS.	
58724	A	20	5,4
Composición / Composition / Composition			
62622, 62650, 62651, 62652, 62653, 62654, 62655, 62656, 62657, 62658, 62659, 62660, 62661, 62662, 62663, 62664, 62665, 62677, 62678, 62679		6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm	



■ INCH

COD.		PCS.	
58709	A	12	2,2
Composición / Composition / Composition			
62666, 62667, 62668, 62669, 62670, 62671, 62672, 62673, 62674, 62675, 62676, 62709		5/16"-3/8"-7/16"-1/2"-9/16"-5/8"-11/16"-3/4"-13/16"-7/8"-15/16"-1"	



■ MM

COD.		PCS.	
69864	A	10	1000
Composición / Composition / Composition			
62651, 62653, 62655, 62656, 62660, 62662		8-10-12-13-17-19 mm	
62772, 62773, 62774		1/4-10, 3/8-17, 1/2-19 mm	
65846		1/4"-1/4"	



■ MM

COD.		PCS.	
69865	A	6	800
Composición / Composition / Composition			
62651, 62653, 62655, 62656, 62660, 62662		8-10-12-13-17-19 mm	



■ MM

COD.		PCS.	
69868	A	16	2000
Composición / Composition / Composition			
62651, 62652, 62653, 62654, 62655, 62656, 62657, 62658, 62659, 62660, 62661, 62662		8-9-10-11-12-13-14-15-16-17-18-19 mm	
62772, 62773, 62774		1/4-10, 3/8-17, 1/2-19 mm	
65846		1/4"-1/4"	



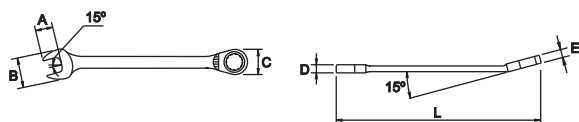
COD.	AP mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g		
62688	16	210	18	33	29	7,7	10,0	150	10	A
62689	17	230	20	36	30	7,9		180		
62690	18	240	21	38	32	8,4	11,5	200		
62691	19	250		39	34	8,7		240		
62692	21	270	24	43	38	9,5	12,5	310	5	
62693	22	280	25	46	41	10,0		340		
62694	24	300	26	48	45	11,0	13,5	450		

DIN 1711 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

Reversible / Reversible / Réversible

INCH


COD.	AP inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g		
62695	5/16	145	9,0	17	18	4,7	7,4	50	10	A
62696	3/8	160	12	22	21	5,7		60		
62697	7/16	165		23	22	6,1	8,4	80		
62698	1/2	180	14	26	25	6,6		100		
62699	9/16	190	16	29	26	7,3		120	5	
62700	5/8	210	18	33	29	7,7	10,0	150		
62701	11/16	230	20	36	30	7,9		180		
62702	3/4	250	22	39	34	8,7	11,5	240		
62703	13/16	270	23	43	38	9,5	12,5	310		
62704	7/8	280	26	46	41	10,0		340		
62705	15/16	300	27	48	45	11,0	13,5	450		

DIN 1711 | Modelo registrado / Registered model / Modèle enregistré

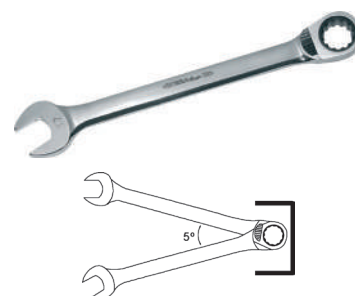
CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

Reversible / Reversible / Réversible

SET
MM

COD.	PCS.	g
69866	A	1000
Composición / Composition / Composition		
62680, 62682, 62684, 62685, 62689, 62691	8-10-12-13-17-19 mm	
62772, 62773, 62774	1/4-10, 3/8-17, 1/2-19 mm	
65846	1/4"-1/4"	



MM

COD.		PCS.	
69867	A	6	800
Composición / Composition / Composition			
62680, 62682, 62684, 62685, 62689, 62691		8-10-12-13-17-19 mm 	



MM

COD.		PCS.	
69870	A	16	2000
Composición / Composition / Composition			
62680, 62681, 62682, 62683, 62684, 62685, 62686, 62687, 62688, 62689, 62690, 62691		8-9-10-11-12-13-14-15-16-17-18-19 mm 	
62772, 62773, 62774		1/4-10, 3/8-17, 1/2-19 mm 	
65846		1/4"-1/4" 	



MM

COD.		PCS.	
69871	A	12	1800
Composición / Composition / Composition			
62680, 62681, 62682, 62683, 62684, 62685, 62686, 62687, 62688, 62689, 62690, 62691		8-9-10-11-12-13-14-15-16-17-18-19 mm 	



INCH

COD.		PCS.	
51455	A	10	1000
Composición / Composition / Composition			
62695, 62696, 62697, 62698, 62701, 62702		5/16- 3/8- 7/16- 1/2- 11/16- 3/4" 	
62772, 62773, 62774		1/4-10, 3/8-17, 1/2-19 mm 	
65846		1/4"-1/4" 	



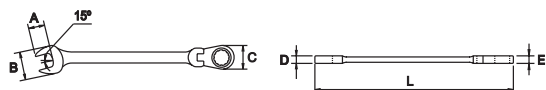
INCH

COD.		PCS.	
51456	A	6	800
Composición / Composition / Composition			
62695, 62696, 62697, 62698, 62701, 62702		5/16"- 3/8"- 7/16"- 1/2"- 11/16"- 3/4" 	



MASTERGEAR ARTICULADA / MASTERGEAR JOINT / MASTERGEAR ARTICULÉE / RATSCHEN-RINGGABELSCHLÜSSEL MIT VERSTELLBAREM KOPF / MASTERGEAR SNODATA / MASTERGEAR ARTICULADA / MASTERGEAR ШАРНИР

MM



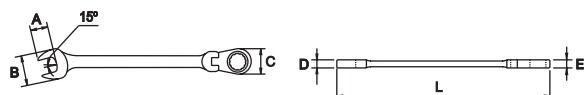
COD.	AP mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g		
61379	6	125	6,8	13,5	14,4	4,2	6,5	50		
61404	7	132	7,9	14,6	17,5	4,3	6,8	55		
61530	8	145	9,5	17	18	4,7	7,4	60		
61531	9	150	10	19	19	5,3		65		
61532	10	155	11	22	21	5,7		70		
61533	11	165	12	23	22	6,1		90		
61534	12	170	13	25	23	6,4	8,4	95		
61535	13	180	15	26	25	6,6		110		
61536	14	190	16	29	26	7,3		120		
61537	15	200	17	31	28	7,5		140		
61538	16	210	18	33	29	7,7	10,0	160		
61539	17	230	20	36	30	7,9		190		
61540	18	240		38	32	8,4		210		
61541	19	250	21	39	34	8,7	11,5	240		
61542	21	270	24	43	38	9,5	12,5	250		
61543	22	280	25	46	41	10,0	13,5	350		
61544	24	300	26	48	45	11,0		460		
61569	27	340	28,5	56	50	10	15,2	760		
61582	30	365	32	63	55	11,5	16,8	900		
61594	32	390	33,5	69	60	12,4	17,3	1000		

DIN 1711 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

INCH

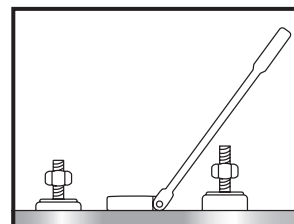
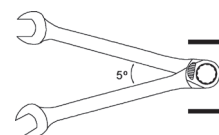
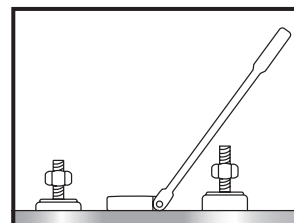
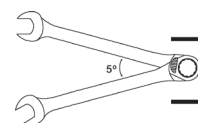


COD.	AP inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g		
61545	5/16	145	9,0	17	18	4,7	7,4	60		
61546	3/8	155		22	21	5,7		70		
61547	7/16	165	12	23	22	6,1	8,4	90		
61548	1/2	180	14	26	25	6,6		110		
61549	9/16	190	16	29	26	7,3		130		
61550	5/8	210	18	33	29	7,7	10,0	170		
61551	11/16	230	20	36	30	7,9		190		
61552	3/4	250	22	39	34	8,7	11,5	250		
61553	13/16	270	23	43	38	9,5	12,5	320		
61554	7/8	280	26	46	41	10,0	13,5	350		
61555	15/16	300	27	48	45	11,0		460		
61558	1	320	26	51	46	9,4	14,5	550		

DIN 1711 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



■ SET

■ MM

COD.	PCS.		COD. PCS.	(mm)
69105	6	90080	61530, 61532, 61534, 61535, 61539, 61541	8-10-12-13-17-19
69106	8	90081	61530, 61532, 61534, 61535, 61536, 61539, 61541, 61543	8-10-12-13-14-17-19-22
69107	10	90054	61530, 61531, 61532, 61533, 61534, 61535, 61536, 61539, 61541, 61543	8-9-10-11-12-13-14-17-19-22



■ INCH

COD.	PCS.		COD. PCS.	(inch)
69101	6	90080	61546, 61547, 61548, 61549, 61550, 61552	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 3/4
69102	8	90081	61545, 61546, 61547, 61548, 61549, 61550, 61551, 61552	5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4
69103	10	90054	61546, 61547, 61548, 61549, 61550, 61551, 61552, 61553, 61554, 61555	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16



■ MM

COD.	PCS.	
68525	A	1000
Composición / Composition / Composition		
61530, 61532, 61534, 61535, 61539, 61541	8-10-12-13-17-19 mm	
62772, 62773, 62774	1/4-10, 3/8-17, 1/2-19 mm	
65846	1/4"-1/4"	



■ MM

COD.	PCS.	
68526	A	800
Composición / Composition / Composition		
61530, 61532, 61534, 61535, 61539, 61541	8-10-12-13-17-19 mm	



■ MM

COD.	PCS.	
68527	A	2000
Composición / Composition / Composition		
61530, 61531, 61532, 61533, 61534, 61535, 61536, 61537, 61538, 61539, 61540, 61541	8-9-10-11-12-13-14-15-16-17-18-19 mm	
62772, 62773, 62774	1/4-10, 3/8-17, 1/2-19 mm	
65846	1/4"-1/4"	



■ MM

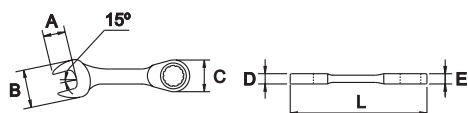
COD.		PCS.	
68528	A	12	1800
Composición / Composition / Composition			
61530, 61531, 61532, 61533, 61534, 61535, 61536, 61537, 61538, 61539, 61540, 61541		8-9-10-11-12-13-14-15-16-17-18-19 mm	



■ MASTERGEAR STUBBY

LLAVE COMBINADA DE CARRACA SERIE CORTA / STUBBY MASTERGEAR COMBINATION RATCHET WRENCH / CLÉ MIXTE À CLIQUET COURTE MASTERGEAR / RATSCHEN-RINGGABELSCHLÜSSEL STUBBY / CHIAVE COMBINATA A CRICCO SERIE CORTA MASTERGEAR / CHAVE DE BOCA E LUNETA ROQUETE SERIE CURTA MASTERGEAR / КЛЮЧ КОРОТКИЙ ТРЕЩЕТОЧНЫЙ КОМБИНИРОВАННЫЙ MASTERGEAR

■ MM

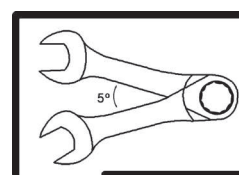


COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
62710	8	90	9,5	17	17	4,0	7,4	29		
62711	9		10	19	19			36		
62712	10	100	11	21	22	4,5		44		
62713	11	105	12	22	23	5,0		60		
62714	12		13	23	25	5,5	8,4	70		
62715	13	110	15	25	26			80	10	● A
62716	14	115	16	26	30	6,0		90		
62717	15		17	28	31			105		
62718	16	120	18	29	33	7,0	10,0	120		
62719	17		20	30	36			140		
62720	18	130	21	32	38	8,0	11,4	160		
62721	19	135		34	39					

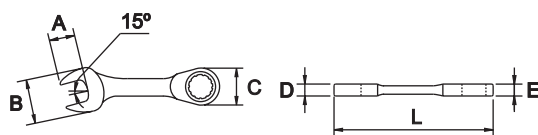
DIN 1711 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



■ INCH

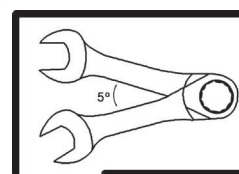


COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
62722	5/16	90	9,0	17	17	4,0	7,4	29		
62723	3/8	100	12	21	22	4,5		44		
62724	7/16	105		22	23	5,0		60		
62725	1/2	110	14	25	26		8,4	70		
62726	9/16	115	16	26	30	6,0		80	10	● A
62727	5/8	120	17	29	33	7,0	10,0	105		
62728	11/16	130	20	30	36			120		
62729	3/4	135	22	34	39	8,0	11,4	160		

DIN 1711 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado pulido / Полированный хром

■ SET

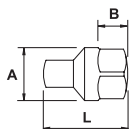
■ MM

COD.		PCS.	
69872	A	14	1300
Composición / Composition / Composition			
62712, 62713, 62714, 62715, 62716, 62717, 62718, 62719, 62720, 62721		10-11-12-13-14-15-16-17-18-19 mm	
62772, 62773, 62774		1/4-10, 3/8-17, 1/2-19 mm	
65846		1/4"-1/4"	



■ MM

COD.		PCS.	
69873	A	10	1100
Composición / Composition / Composition			
62712, 62713, 62714, 62715, 62716, 62717, 62718, 62719, 62720, 62721		10-11-12-13-14-15-16-17-18-19 mm	


ADAPTADOR PARA LLAVE / WRENCH ADAPTER / ADAPTATEUR POUR CLÉ / SCHRAUBENSCHLÜSSEL ADAPTER / ADATTATORE PER CHIAVE / ADAPTADOR PARA CHAVE /
ПЕРЕХОДНИК ДЛЯ ГОЛОВОК


COD.		L (mm)	A (mm)	B (mm)			
62772	1/4"-10 mm	20	11	8	12		
62776	3/8"-13 mm	28	15	9	24	6	•
62773	3/8"-17 mm		19		39		
62774	1/2"-19 mm	35	22	13	65		

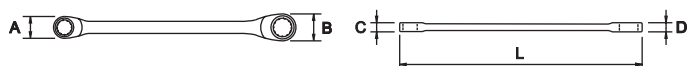


BE SAFE...BE EFFICIENT

■ MASTERGEAR DOUBLE

■ LLAVE DE CARRACA DOBLE MASTERGEAR / MASTERGEAR DOUBLE RATCHET WRENCH / CLÉ À DOUBLE CLIQUET MASTERGEAR / MASTERGEAR DOPPEL KNARRE RINGSCHLÜSSEL / CHIAVE DOPPIA A CRICCO / CHAVE DE ROQUETE DUPLO MASTERGEAR / MASTERGEAR КЛЮЧ С ДВОЙНОЙ ТРЕЩЕТКОЙ

■ MM

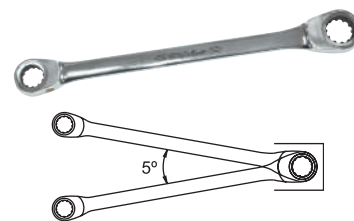


COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
63280	8-9	149	18	21	7,4		60		
63281	10-11	167	21	22	8,4	8,4			
58095	12-13	185	26	26	8,5	9,0			
63282	12-15	225	23	28	8,4	8,4			
63283	13-14	250	25	26			150	8	● A
58096	14-15	202	29	29	9,7	9,7			
58097	16-17	220	32		10	10	200		
63284	16-18	270	29	32		11,5			
58098	18-19	238	35	36	11,1	11,3	250		
58099	20-22	255	40	40	13	13	390	5	

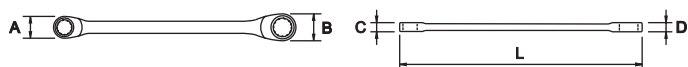
DIN 1711 I Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



■ INCH

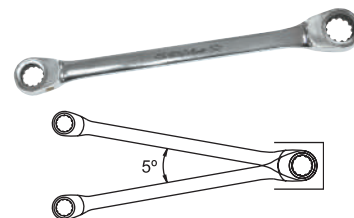


COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
63288	5/16-3/8	160	18	21	7,5		60		
63289	3/8-7/16	165	21	24		8,5	90		
63290	1/2-9/16	195	25	28	8,5		150	8	● A
63291	11/16-3/4	230	30	34	10	12	250		

DIN 1711 I Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



■ SET

■ MM

COD.	PCS.		COD. PCS.	(mm)
69990	A	6	90056	63280, 63281, 63282, 63283, 58097, 58098
				8-9, 10-11, 12-15, 13-14, 16-17, 18-19



EXPOSITORES MASTERGEAR / MASTERGEAR DISPLAYS / PRÉSENTOIRS MASTERGEAR / MASTERGEAR AUSSTELLUNGSSTAND / ESPOSITORI MASTERGEAR /
EXPOSITORES MASTERGEAR / ДИСПЛЕЙ С КЛЮЧАМИ MASTERGEAR

■ 186 PCS.

■ MM



COD.			PCS.
55650	A		186
PCS.	COD.	PCS.	Mod.
20	62651	8 mm	MASTERGEAR
	62653	10 mm	
	62654	11 mm	
	62655	12 mm	
	62656	13 mm	
	62657	14 mm	
16	62658	15 mm	
	62659	16 mm	
14	62660	17 mm	
	62662	19 mm	

■ MM

COD.			PCS.
55651	A		186
PCS.	COD.	PCS.	Mod.
20	62680	8 mm	MASTERGEAR REV.
	62682	10 mm	
	62683	11 mm	
	62684	12 mm	
	62685	13 mm	
	62686	14 mm	
16	62687	15 mm	
	62688	16 mm	
	62689	17 mm	
14	62691	19 mm	

■ MM

COD.			PCS.
55652	A		186
PCS.	COD.	PCS.	Mod.
20	61530	8 mm	MASTERGEAR ART. / MASTERGEAR JOINT
	61532	10 mm	
	61533	11 mm	
	61534	12 mm	
	61535	13 mm	
	61536	14 mm	
16	61537	15 mm	
	61538	16 mm	
	61539	17 mm	
14	61541	19 mm	

■ 180 PCS.

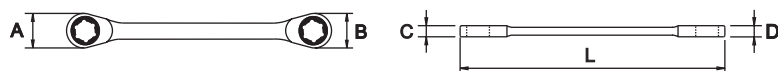
■ MM



COD.			PCS.
65970	A		180
PCS.	COD.	PCS.	Mod.
20	62653	10 mm	MASTERGEAR
	62655	12 mm	
	62656	13 mm	
	62660	17 mm	
16	62662	19 mm	
20	62682	10 mm	MASTERGEAR REV.
	62684	12 mm	
	62685	13 mm	
16	62689	17 mm	
14	62691	19 mm	

A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado polido / Полированный хром

■ MASTERGEAR E-TORX®*



COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
62734	E6 x E8	120	18	18	7,4	7,4	49	10	
62735	E10 x E12	135		19		8,4	60		
62736	E14 x E16	180	22	25	8,4		105	8	● A
62737	E18 x E20	200	26	29		10,0	145		
62738	E22 x E24	220	30	34	10,0	11,5	210	10	

DIN 1711 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

■ SET

■ MM

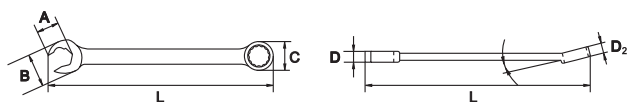
COD.	PCS.	COD. PCS.	Composición / Composition / Composition	
69874	A 5	62734, 62735, 62736, 62737, 62738	E6 x E8 - E10 x E12 - E14 x E16 - E18 x E20 - E22 x E24	950



■ RAPID WRENCH

■ LLAVE COMBINADA RÁPIDA / RAPID COMBINATION WRENCH / CLÉ MIXTE RAPIDE / RINGGABELSCHLÜSSEL RAPID / CHIAVE COMBINATA RAPIDA / CHAVE BOCA E LUNETA DE RETOMA RAPIDA / БЫСТРЫЙ КОМБИНИРОВАННЫЙ КЛЮЧ

■ MM



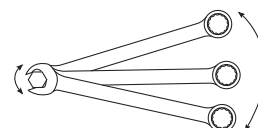
COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	D2 (mm)			
62744	12	175	10	26	20	7	9	80		
62745	13	180	11	28	21			90		
62746	14	195		31	23			110		
62747	15	210	12	33	24	8	10	135	10	
62748	16							150		
62749	17	230	14	37	27	9	12	170		
62750	18									
62751	19	250	16	41	30	10	13	220	● A	
62752	20									
62753	21	270	17	45	32			290		
62754	22	300		47				320	5	
62755	23		19	50	34	11	14	350		
62756	24	320						395		
62757	26	340	21	55	37		16	470		

DIN 1711

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

Acción carraca / Ratchet action / Action à cliquet

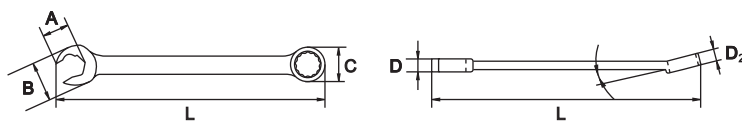


Acción carraca / Ratchet action / Action à cliquet

* 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)

A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado polido / Полированный хром

INCH



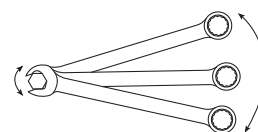
COD.	AP inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	D2 (mm)	g			
62759	3/8	160	8	22	17	6	8	55	10	●	A
62760	7/16	170	9,5	24	19			70			

DIN 1711

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

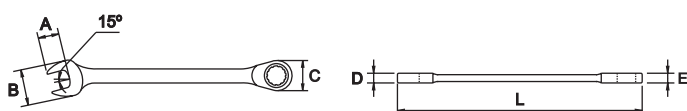
Acción carraca / Ratchet action / Action à cliquet

Acción carraca / Ratchet action /
Action à cliquet

CLASSICGEAR

LLAVE COMBINADA DE CARRACA CLASSICGEAR / CLASSICGEAR COMBINATION RATCHET WRENCH / CLÉ MIXTE À CLIQUET CLASSICGEAR / RATCHEN-RINGGABELSCHLÜSSEL
CLASSICGEAR / CHIAVI COMBINATE A CRICCO CLASSICGEAR / CHAVE DE BOCA E LUNETA DE ROQUETE CLASSICGEAR / CLASSICGEAR КОМБИНИРОВАННЫЙ КЛЮЧ С ТРЕЩЕТКОЙ

INCH



COD.	AP inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g			
63806	5/16	130	10	20	19	4,7	7,7	50	10	●	A
63807	3/8	150	12	24	21	5,3	8,2	60			
63808	7/16	170	14	26	23	5,9	8,5	80			
63809	1/2	190	16	30	26	6,5	9,4	110			
63810	9/16	200	17	31	29	7,1	9,7	140			
63811	5/8	220	20	37	32	7,7	10,8	195			
63812	11/16	240	21	41	35	8,3	11,3	230	8		
63813	3/4	250	22	44	39	8,9	11,8	280			
63814	13/16	250	23	44	39	8,9	11,8	280			
63815	7/8	250	23	44	39	8,9	11,8	280			
63816	1	290	31	50	44	10,2	13,1	440			

DIN 1711

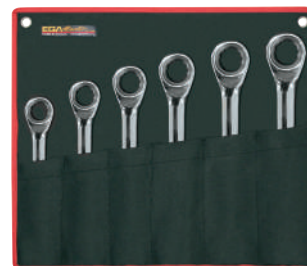
CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

SET

INCH

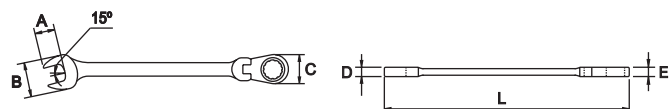
COD.	PCS.		COD. PCS.	(inch)
68232	6	90056	63806, 63807, 63808, 63809, 63812, 63813	5/16 - 3/8 - 7/16 - 1/2 - 11/16 - 3/4
68233	10	90054	63807, 63808, 63809, 63810, 63811, 63812, 63813, 63814, 63815, 63816	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 1



CLASSICGEAR ARTICULADA / CLASSICGEAR JOINT / CLASSICGEAR ARTICULÉE / RATSCHENRINGGABELSCHLUSSEL MIT VERSTELLBAREM KOPF / CLASSICGEAR SNODATA / CLASSICGEAR ARTICULADA / CLASSICGEAR ШАРНИР

LLAVE COMBINADA DE CARRACA ARTICULADA CLASSICGEAR / CLASSICGEAR JOINT COMBINATION RATCHET WRENCH / CLÉ MIXTE À CLIQUET ARTICULÉE CLASSICGEAR / RATSCHEN-RINGGABELSCHLÜSSEL MIT VERSTELLBAREM KOPF / CHIAVI COMBINATE A CRICCO ARTICOLATA CLASSICGEAR / CHAVE DE BOCA E LUNETA DE ROQUETE ARTICULADO CLASSICGEAR / CLASSICGEAR КОМБИНИРОВАННЫЙ КЛЮЧ С ПОВОРТНОЙ ТРЕЩЕТКОЙ

INCH

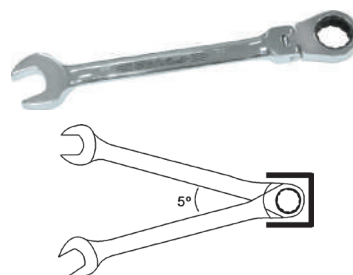


COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
63834	5/16	140	10	20	19	4,7	7,7	50	10	
63835	3/8	155	12	24	21	5,3	8,2	70		
63836	7/16	175	14	26	23	5,9	8,5	95		
63837	1/2	195	16	30	26	6,5	9,4	130		
63838	9/16	210	17	31	29	7,1	9,7	170		
63839	5/8	230	19	37	32	7,7	10,8	220	8	
63840	11/16	230	20	41	35	8,3	11,3	260		
63841	3/4	250	21	41	35	8,3	11,3	260		
63842	13/16	260	22	44	39	8,9	11,8	310		
63843	7/8	260	23	44	39	8,9	11,8	310		
63844	1	290	31	50	44	10,2	13,1	390		

DIN 1711

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

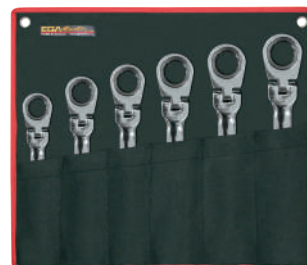
Cr-V



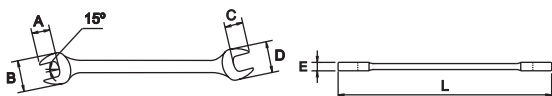
SET

INCH

COD.	PCS.		COD. PCS.	(inch)
68236	6	90056	63834, 63835, 63836, 63837, 63840, 63841	5/16 - 3/8 - 7/16 - 1/2 - 11/16 - 3/4
68237	10	90054	63835, 63836, 63837, 63838, 63839, 63840, 63841, 63842, 63843, 63844	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 1


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

MM



COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
67963	4-4,5	110	9,0	13	9,0	14	3,4	10	5	
67965	4-5			14		16		20		
67967	5-5,5			16		18		22		
67907	5-7	125	9,5	19	11	21	5,5	25		
61701	6-7			21		24		38		
62928	7-8			24		27		40		
61702	8-9	140	10	27	11	30	5,5	50	5	
67908	8-10			30		33		50		
61703	10-11			33		36		50		



A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado pulido / Полированный хром

B Cromado aeroespacial / Aerospaceal chrome plating / Chromée aérospatiale / Verchromt aeroespaciaal / Cromate satinato / Cromado fosco aeroespacial / Матовый хром

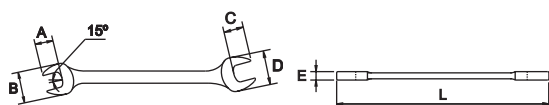
COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
62629	10-13		11	26	11			55		
67909	11-13									
61704	12-13	175	12			28	5,5			
67910	12-14			28				70		
67911	13-14									
67912	13-15	190				32	6,0	100		
67913	13-16	200		30	15	33				
61705	14-15	185	14							
67914	13-17	210				34		110		
62930	14-17	200		33			7,0			
61706	16-17			35	16	36		130		
67915	16-18	210								
61700	17-19		17							
61707	18-19	220	18	39	18	41		160		
67916	18-21					42	8,0			
62931	19-22	230	19	43	22	47		200	5	● B
61708	20-22									
61709	21-23	240								
63961	21-24		23	47	23	50		250		
67917	22-24	250								
61710	24-26	260					9,0			
61652	24-27		27	50	30	55		330		
61711	25-28	270						420		
61712	27-29	290	30		34			430		
67918	27-30			55			10	460		
67919	27-32	300	34	60	35					
61713	30-32						11	500		
67970	36-41	350	36	80	42	70		850		
67920	38-42	360		85		75	12	900		
67972	41-46	370	42	90	47	80	13	1200		
67974	46-50	450	47	100	50	90	14	1500		

DIN 3110

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

INCH



COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
60315	3/16-7/32	105	4		5	15	3,7	15		
60300	1/4-5/16	120	8,0	14	9,0	17	3,6	22		
60301	5/16-3/8	140	10	20			3,8			
67941	5/16-11/32		11		12	22		38		
67931	11/32-13/32	145	12				4			
60302	3/8-7/16	160		22	13	24		50	10	
67942	7/16-1/2		13	26				55		
60303	1/2-9/16	175	14	27	15	28	5,5	60		● A
60304	9/16-5/8	190	17	30	17	33		70		
60305	19/32-11/16				19			85		
60306	5/8-11/16	200	18		18	38	6,0	115		
67943	5/8-3/4	210		35	20	36	7,0	125		
60307	11/16-3/4		19	38		40	6,0	130		
60308	3/4-25/32	220		39	21	41	6,5	160	5	
67934	3/4-13/16	230	21	44			7,0	190		



B Cromado aeroespacial / Aérospatial chrome plating / Chromée aérospatiale / Verchromt aérospatiale / Cromate satinato / Cromado fosco aeroespacial / Матовый хром

A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucido / Cromado pulido / Полированный хром

COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
60309	3/4-7/8	230	21	44	24	48	7,0	200		
60310	13/16-7/8		25	45		50	7,5	250		
67944	7/8-15/16			47	28			260		
60311	15/16-1	260		50				330		
67945	15/16-1.1/8	280	26		29		8,0	370		
67939	1-1.1/16				28	60		390	5	
60312	1-1.1/8			55	30			420		● A
60313	1.1/16-1.1/8		28		31		8,5	430		
60314	1.1/16-1.1/4	320		60				500		
67940	1.1/8-1.1/4	300	35		36	65	10	550		
67961	1.3/16-1.5/16			70						
67968	1.3/8-1.1/2					70		650		
67946	1.7/16-1.5/8	320	36		42	80	12	850	1	

DIN 3110

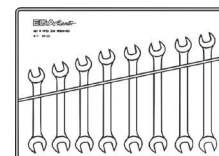
CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

■ SET

■ MM

COD.	PCS.		COD. PCS.	(mm)
69248	6	90052	61701, 61702, 61703, 61704, 61705, 61706	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
69249	8	90053	61701, 61702, 61703, 61704, 61705, 61706, 61707, 61708	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22
69250	B 10	90054	61701, 61702, 61703, 61704, 61705, 61706, 61707, 61708, 61709, 61710	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26
69251	12	90055	61701, 61702, 61703, 61704, 61705, 61706, 61707, 61708, 61709, 61710, 61711, 61713	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26, 25-28, 30-32
69795			61701, 61702, 61703, 61704, 61705, 61706, 61707, 61708, 61709, 61652, 61711, 61713	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27, 25-28, 30-32



■ INCH

COD.	PCS.		COD. PCS.	(inch)
69310	6	90052	60302, 60303, 60304, 60305, 60306, 60310	3/8-7/16, 1/2-9/16, 9/16-5/8, 19/32-11/16, 5/8-11/16, 13/16-7/8
69311	8	90053	60302, 60303, 60304, 60305, 60306, 60310, 60309, 60311	3/8-7/16, 1/2-9/16, 9/16-5/8, 19/32-11/16, 5/8-11/16, 3/4-7/8, 13/16-7/8, 15/16-1
69312	A 10	90054	60300, 60301, 60302, 60303, 60304, 60306, 60310, 60311, 60312, 60314	1/4-5/16, 5/16-3/8, 3/8-7/16, 1/2-9/16, 9/16-5/8, 5/8-11/16, 13/16-7/8, 15/16-1, 1-1.1/8, 1.1/16-1.1/4
69313	12	90055	60300, 60301, 60302, 60303, 60304, 60306, 60310, 60311, 60312, 60313, 60314, 60309	1/4-5/16, 5/16-3/8, 3/8-7/16, 1/2-9/16, 9/16-5/8, 5/8-11/16, 3/4-7/8, 13/16-7/8, 15/16-1, 1-1.1/8, 1.1/16-1.1/8, 1.1/16-1.1/4

A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado pulido / Полированный хром

B Cromado aeroespacial / Aerospaceal chrome plating / Chromée aérosapiale / Verchromt aerospatiale / Cromate satinato / Cromado fosco aeroespacial / Матовый хром

■ MM

COD.	PCS.	COD. PCS.	(mm)
68453	6	61701, 61702, 61703, 61704, 61705, 61706	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
69446	8	61701, 61702, 61703, 61704, 61705, 61706, 61707, 61708	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22
68454	B 10	61701, 61702, 61703, 61704, 61705, 61706, 61707, 61708, 61709, 61710	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26
69447	12	61701, 61702, 61703, 61704, 61705, 61706, 61707, 61708, 61709, 61710, 61711, 61713	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26, 25-28, 30-32

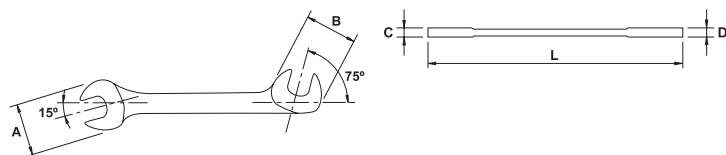


■ INCH

COD.	PCS.	COD. PCS.	(inch)
68467	6	60302, 60303, 60304, 60305, 60306, 60310	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 19/32 - 11/16 - 5/8 - 11/16 - 13/16 - 7/8
69452	A 8	60301, 60302, 60303, 60304, 60305, 60306, 60308, 60310	5/16 - 3/8 - 3/8 - 7/16 - 1/2 - 9/16 - 9/16 - 5/8 - 19/32 - 11/16 - 5/8 - 11/16 - 3/4 - 7/8 - 13/16 - 7/8
69453	12	60300, 60301, 60302, 60303, 60304, 60306, 60309, 60310, 60311, 60312, 60313, 60314	1/4 - 5/16 - 5/16 - 3/8 - 3/8 - 7/16 - 1/2 - 9/16 - 9/16 - 5/8 - 5/8 - 11/16 - 3/4 - 7/8 - 13/16 - 7/8 - 15/16 - 1 - 1 - 1.1/8 - 1.1/16 - 1.1/8 - 1.1/16 - 1.1/4

LLAVES FIJAS MICROMECÁNICAS A 15° Y 75° / 15° AND 75° MICROMECH OPEN END WRENCHES / CLÉS À FOURCHES MICROMÉCANIQUES À 15° ET 75° / DOPPEL-MAULSCHLÜSSEL ELEKTRIKER 15° UND 75° MAULEINSTELLUNG / CHIAVI FISSE MICRO MECCANICHE A 15° Y 75° / CHAVES DE BOCAS MICROMECAÑICAS DE 150 E 750 / РОЖКОВЫЙ КЛЮЧ ДЛЯ МИКРОМЕХАНИКИ 15° И 75°

■ MM



COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
58520	3,2mm	70	10	10			6		
58521	4mm								
58522	4,5mm				2,4	2,4	8		
58523	5mm	75	13	13					
58524	5,5mm								
58525	6mm	80	15	15	2,7	2,7	10		
58526	7mm								
58527	8mm	90	19	19			16		
58528	9mm				3	3	20	●	B
58529	10mm	100	22	22			22		
58530	11mm								
58531	12mm								
58532	13mm	120	27	27	3,5	3,5	36		
58533	14mm								
58534	15mm								
58535	16mm	140	33	33	5	5	68		
58536	17mm								



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

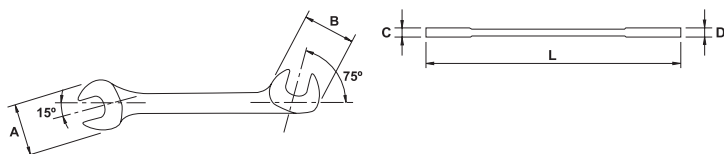
Cr-V

B Cromado aeroespacial / Aerspatial chrome plating / Chromée aérospatiale / Verchromt aerspatiale / Cromate satinato / Cromado fosco aeroespacial / Матовый хром

A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado pulido / Полированный хром

Si no encuentra el artículo que necesita, consúltenos en general@egamaster.com o en www.egamaster.com
If you can't find the item you look for, please ask us in general@egamaster.com or in www.egamaster.com
Si vous ne trouvez pas l'article que vous desirez, consultez-nous a general@egamaster.com ou a www.egamaster.com

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
58550	1/8	70	10	10			6		
58537	5/32				2,4	2,4			
58538	3/16	75	13	13			8		
58539	7/32								
58540	1/4	80	15	15	2,7	2,7	10	20	
58541	9/32								
58542	5/16	90	19	19			16		
58543	11/32				3	3			B
58544	3/8	100	22	22			22		
58545	7/16								
58546	1/2	120	27	27	3,5	3,5	36		
58547	9/16							10	
58548	5/8	140	33	33	5	5	68		
58549	11/16								



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

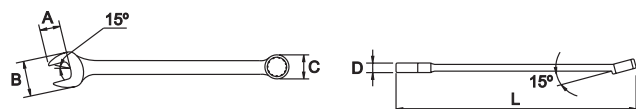
SET

COD.	PCS.		Kg
51651	11	51071	0,6
PCS. Composición / Composition / Composition			
11	58537, 58538, 58539, 58540, 58541, 58542, 58543, 58544, 58545, 58546, 58547 5/32"-3/16"-7/32"-1/4"-9/32"-5/16"-11/32"-3/8"-7/16"-1/2"-9/16"		



LLAVES COMBINADAS / COMBINATION WRENCHES / CLÉS MIXTES / RINGGABELSCHLÜSSEL / CHIAVI COMBinate / CHAVES BOCA E LUNETA / КОМБИНИРОВАННЫЕ КЛЮЧИ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
63965	3,2	70		11	10		8,0		
63966	4	65	3,7	8,5	8,0		9,0		
67880	4,5	70	4,0	9,0	8,5	3,0	10		
63967	5	80	4,5	11	9,0				
67881	5,5			14	11		16		
61725	6	100	7,0			3,3			
61726	7	110		16	12	3,6	20	10	B
61727	8	120	10	18	13	4,5	25		
61728	9	130		19	15	5,0	30		
61729	10	140	11	21	17	5,5	38		
61730	11		12	23	18		45		
61731	12	160	14	25	19	6,5	52		
61732	13		15	27	20		70		



B Cromado aeroespacial / Aeraspatial chrome plating / Chromée aérospatiale / Verchromt aeraspatiale / Cromate satinare / Cromado fosco aeroespacial / Матовый хром

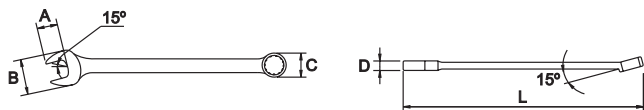
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
61733	14	180		29	21		75			
61734	15	190	16	32	23	6,5	90			
61735	16	200		33	24					
61736	17		18	35		7,5	110			
61737	18	210		38	26		135	10		
61738	19	230	21	39	29		160			
61739	20	240	23	41	30		180			
61740	21	250	24	46	31	8,0	210			
61741	22		25	48	33		220			
61742	23	260					260			
61743	24	280	26	49	35		280			
61744	25			50	36		290			
61745	26	300	29		37	9,0	360			
61746	27	330		55	41	10	420	5		
61747	28		32	60	42		450			
61748	29			65		11	500			
61749	30	340	33		43		550			
62730	31		32,5	60,5	43,5	10,2	488			B
61750	32	350		65	47	11				
57062	33	360	34	70	49		600			
60951	34	385		75	52	14				
57063	35	380	35				650			
60952	36	405		80	55	15	900			
57064	37	400	36	75	60	14	800			
60953	38	410	38	83	58	16	1000			
67895	40									
60954	41	450	41	88	63	17	1300			
57065	42	440	42	85	60		1200	1	-	
57066	44			90	65	16	1500			
60955	46	500	46	96	70	18	1800			
57067	48	530	48	100	75		2200			
60956	50	535	50		76	19	2300			
67882	55	600	60	105	80		3000			
67883	60	650	65	115	90	21	3550			
67884	65	700	70	125	95	23	3800			

DIN 3113

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
58169	1/8	70	3,7	11						
67953	3/16		5,0			3,0	8,0			
67954	7/32	95		14	9,0					
61653	15/64		6,5			3,8	16			
60340	1/4	100								
67885	9/32	110	7	20	12,5	4	17	10	•	A
60341	5/16	120	9,0	17	12	4,5	25			
67878	11/32	130	9	19	15	5,5	28			
60342	3/8	140	10	26	16		38			
58460	13/32	145		27	17	5				



B Cromado aeroespacial / Aérospatial chrome plating / Chromée aérospatiale / Verchromt aérospatiale / Cromate satinato / Cromado fosco aeroespacial / Матовый хром

A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucido / Cromado pulido / Полированный хром

COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
60343	7/16	150	11	26	20	6,0	45		
58461	15/32	165	12	32		5,5	58		
60344	1/2	170	13	29	21	6,5	70		
58462	17/32	180		35	23		76		
60345	9/16	185	14	29	21	7,0	75		
60346	19/32	190	15	31	23		90		
60347	5/8	200	16	32	25	7,5			
58463	21/32	210	17	42	27	8	126	10	
60348	11/16			37	28	8,0	130		
58464	23/32	220	18	44	28,5	9	138		
60349	3/4	230	19	37	28		160		
60350	25/32	240	20	41	31	8,0	180		
60351	13/16			43	32	8,5	210		
58465	27/32	250	21	50	33,5	10			
60352	7/8	260	22	48	35	8,5	220	5	
58466	29/32	270	23	56	38	12	244	10	
60353	15/16	280	24	50	36	8,5	280	5	
58467	31/32			58	40	12	321	10	
60354	1	290	25	50	38		300		
60355	1.1/16	310	27	55	39	9,0	420		
60356	1.1/8	330	29		42		450	5	A
60357	1.3/16	340	30	60	43	10	500		
60358	1.1/4	360	32	63	47	11	600		
60957	1.5/16	380		65	51	13			
60958	1.3/8	400	36	80	55	15	900		
60961	1.7/16								
60959	1.1/2	410	38	83	58		1000		
67840	1.9/16		39	80	60	16			
60962	1.5/8			88	63				
67841	1.11/16	450	41	90	65	17	1300		
60897	1.3/4								
60898	1.13/16	500	46	96	70	18	1800	1	-
60899	1.7/8								
67842	1.15/16				75				
60960	2	550	50		76	19	2300		
60905	2.3/16			105			2200		
61099	2.1/4	600	55		80	20	2800		
67955	2.3/8	650	60	115	90	21	2900		
67956	2.1/2	700	65	125	95	23	2300		

DIN 3113

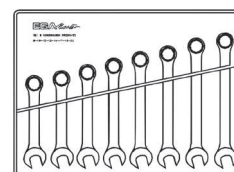
CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

SET

MM

COD.	PCS.		COD. PCS.	(mm)
69262	6	90080	61727, 61729, 61731, 61733, 61736, 61738	8, 10, 12, 14, 17, 19
69263	8	90081	61727, 61729, 61731, 61732, 61733, 61736, 61738, 61741	8, 10, 12, 13, 14, 17, 19, 22
69277	10	90082	61727, 61728, 61729, 61730, 61731, 61732, 61733, 61736, 61738, 61741	8, 9, 10, 11, 12, 13, 14, 17, 19, 22
69278	12	90083	61725, 61726, 61727, 61728, 61729, 61730, 61731, 61732, 61733, 61734, 61735, 61736	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17
68514	13	90060	61725, 61727, 61729, 61730, 61732, 61733, 61734, 61736, 61738, 61739, 61741, 61743, 61744	6, 8, 10, 11, 13, 14, 15, 17, 19, 20, 22, 24, 25
69265	B	90063	61729, 61730, 61731, 61733, 61735, 61736, 61738, 61739, 61741, 61743, 61744, 61746, 61747, 61750	10, 11, 12, 14, 16, 17, 19, 20, 22, 24, 25, 27, 28, 32
69796			61729, 61730, 61731, 61733, 61735, 61736, 61738, 61739, 61741, 61743, 61744, 61746, 61749, 61750	10, 11, 12, 14, 16, 17, 19, 20, 22, 24, 25, 27, 30, 32
68522			61729, 61730, 61732, 61733, 61734, 61736, 61738, 61739, 61741, 61743, 61746, 61748, 61749, 61750, 61744	10, 11, 13, 14, 15, 17, 19, 20, 22, 24, 25, 27, 29, 30, 32
69279			61725, 61726, 61727, 61728, 61729, 61730, 61731, 61732, 61733, 61734, 61735, 61736, 61737, 61738, 61739, 61740, 61741	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
69556	17	90064	61726, 61727, 61728, 61729, 61730, 61731, 61732, 61733, 61734, 61735, 61736, 61737, 61738, 61739, 61740, 61741, 61743	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24
69280	26	90065	61725, 61726, 61727, 61728, 61729, 61730, 61731, 61732, 61733, 61734, 61735, 61736, 61737, 61738, 61739, 61740, 61741, 61742, 61743, 61744, 61745, 61746, 61747, 61748, 61749, 61750	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32



INCH

COD.	PCS.		COD. PCS.	(inch)
69330	6	90080	60342, 60343, 60344, 60345, 60347, 60349	3/8, 7/16, 1/2, 9/16, 5/8, 3/4
69331	8	90081	60341, 60342, 60343, 60344, 60345, 60347, 60348, 60349	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4
69332	10	90082	60342, 60343, 60344, 60345, 60347, 60348, 60349, 60351, 60352, 60354	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 1
69333	12	90083	60341, 60342, 60343, 60344, 60345, 60347, 60348, 60349, 60351, 60352, 60353, 60354	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1
68502	A	90060	60340, 60341, 60342, 60343, 60344, 60345, 60347, 60348, 60349, 60351, 60352, 60353, 60354	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1
69334			60342, 60343, 60344, 60345, 60347, 60348, 60349, 60351, 60352, 60353, 60354, 60355, 60356, 60358	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.1/4
68505			60340, 60342, 60343, 60344, 60345, 60347, 60348, 60349, 60351, 60352, 60353, 60354, 60355, 60356, 60358	1/4, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.1/4
69335			60340, 60341, 60342, 60343, 60344, 60345, 60346, 60347, 60348, 60349, 60350, 60351, 60352, 60353, 60354, 60355, 60356	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/8

B Cromado aeroespacial / Aerospace chrome plating / Chromée aérospatiale / Verchromt aerospaiale / Cromate satinato / Cromado fosco aeroespacial / Матовый хром

A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucido / Cromado pulido / Полированный хром

■ MM

COD.	PCS.	COD. PCS.	(mm)
68457	6	61727, 61729, 61731, 61733, 61736, 61738	8, 10, 12, 14, 17, 19
69450	8	61727, 61728, 61729, 61730, 61731, 61733, 61736, 61738	8, 9, 10, 11, 12, 14, 17, 19
68456	10	61727, 61728, 61729, 61730, 61731, 61732, 61733, 61736, 61738, 61741	8, 9, 10, 11, 12, 13, 14, 17, 19, 22
69451	12	61725, 61726, 61727, 61728, 61729, 61730, 61731, 61732, 61733, 61734, 61735, 61736	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17



■ INCH

COD.	PCS.	COD. PCS.	(inch)
68469	6	60342, 60343, 60344, 60345, 60347, 60349	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 3/4
69454	8	60341, 60342, 60343, 60344, 60345, 60347, 60348, 60349	5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4
68470	10	60342, 60343, 60344, 60345, 60347, 60348, 60349, 60351, 60352, 60354	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 1
69455	12	60341, 60342, 60343, 60344, 60345, 60348, 60347, 60349, 60351, 60352, 60353, 60354	5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1

■ EXPOSITORES / DISPLAYS / PRESENTOIRS / DISPLAY / ESPOSITORI / DISPLAY STAND / СТЕНДЫ

■ 165 PCS.

■ MM

COD.	PCS.
55656	B 165
PCS.	COD. PCS.
20	61727 8 mm
	61729 10 mm
	61730 11 mm
	61731 12 mm
	61732 13 mm
15	61733 14 mm
14	61734 15 mm
13	61735 16 mm
12	61736 17 mm
11	61738 19 mm



■ 162 PCS.

■ INCH

COD.	PCS.
55657	A 162
PCS.	COD. PCS.
20	60342 3/8"
	60343 7/16"
	60344 1/2"
	60345 9/16"
17	60347 5/8"
15	60348 11/16"
	60349 3/4"
13	60351 13/16"
12	60352 7/8"
10	60354 1"

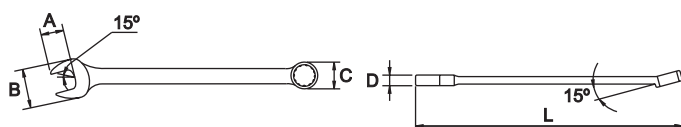


B Cromado aeroespacial / Aerospaceal chrome plating / Chromée aérospatiale / Verchromt aérospatiale / Cromate satinato / Cromado fosco aeroespacial / Матовый хром

B Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucido / Cromado pulido / Полированный хром

LLAVES COMBINADAS EXTRA LARGAS / EXTRA-LONG COMBINATION WRENCHES / CLÉS MIXTES EXTRA-LONGUES / RINGMAULSCHLÜSSEL EXTRA LANG / CHIAVE COMBINATA EXTRA LUNGHE / CHAVES COMBINADAS EXTRA-LARGAS / КЛЮЧ КОМБИНИРОВАННЫЙ УДЛИНЕННЫЙ

■ MM



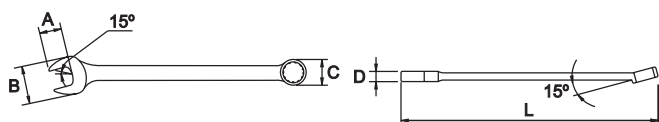
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
56405	6	130	7	14	11	5	18	10	
56406	7	140		15	12	5,5	20		
56407	8	150		18	14	6	30		
56408	9	160	10	20	15	6,5	35		
56409	10	170		22	16	7	50		
56410	11	180		24	18	7,5	55		
56411	12	195	11	26	19	8	65		
56412	13	210		27	21	8,5	95		
56413	14	220		30	22	9,5	115		
56414	15	230	12	32	23	10	120		
56415	16	240		34	24	11	160		
56416	17	250		37	27	12	190		
56417	18	270	13	38	28		195	5	B
56418	19	280		40	29		260		
56419	20	290		42	30		300		
56420	21	300	14	43	32	14	320		
56421	22	310		45			330		
56422	23	330		46	34	15	380		
56423	24	340	15	50	36	16	450		
56424	25	350		53	37	17			
56425	26	370		54	38		530		
56426	27	390	16	56	40	18			
56427	28			57	41	19	760		
56428	29	410		59	43	20	820		
56429	30	420	17	60	44		1000		
56430	32	440		65	47	21	1300		
51191	36	510		76	55	17			

DIN 3113

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

■ INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
54883	1/4	130	6	15	11	4,0	21	10	A
54884	5/16	150	8	19	13	4,5	32		
54885	11/32	160	9	21	14	5,0	38		
54886	3/8	165	10	22	15	5,5	40		
54887	7/16	185	11	25	17	6,0	60		
54888	1/2	205	13	29	19	7,0	100		
54889	9/16	220	14	32	22	7,5	120		
54890	5/8	240	16	34	24	8,0	160		
54891	11/16	260	17	37	26	8,5	200		

B Cromado aeroespacial / Aérospatial chrome plating / Chromée aérospatiale / Verchromt aérospatiale / Cromate satinato / Cromado fosco aeroespacial / Матовый хром

A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucido / Cromado pulido / Полированный хром

COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)				
56432	3/4	280	19	40	29	9,0	260	10		
56433	13/16	300	21	43	32	9,5	320			
56434	7/8	310	22	45	33	10	330			
56435	15/16	340	24	50	36	11	440			
56436	1	350	25	53	37		530			
56437	1.1/16	390	27	56	40	12				
56438	1.1/8	410	29	59	43	13	760			
56439	1.1/4	440	32	65	47	14	1000			
59960	1.5/16	470	33	70	50	16	1100			
59961	1.3/8		35							
59962	1.7/16	500	36	75	55		1300			
59963	1.1/2		38							
59964	1.9/16	550	40	85	60	17	2000			
59965	1.5/8		41							
59966	1.11/16		43							
59967	1.3/4	600	44				2200	5	● A	
59968	1.13/16		46							
59969	1.7/8	650	48	95	75	19	2900			
59970	2		51							
59971	2.1/8	700	54	115	80	23	3900			
59972	2.3/16		56							
59973	2.1/4		57							
59974	2.5/16	750	59	120	95	25	4700			
59975	2.3/8		60							
59976	2.7/16		62							
59977	2.1/2		64			26				
59978	2.9/16		65							
59980	2.3/4	900	67	135	100		5800			
59979	2.5/8		70							

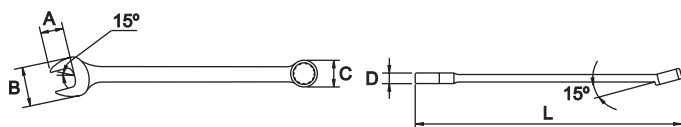
DIN 3113

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

LLAVES COMBINADAS MAXI / MAXI COMBINATION WRENCHES / CLÉS MIXTES MAXI / MAXI RING-MAUL-SCHLÜSSEL / CHIAVI COMBINATE MAXI / CHAVAS COMBINADAS MAXI / КОМБИНИРОВАННЫЕ КЛЮЧИ МАКСИ

MM

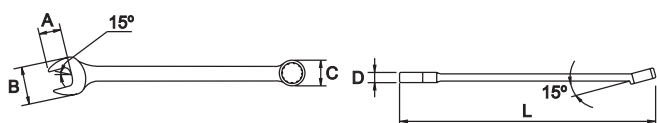


COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
55300	70	650	75	145	115	24	4,2	1	-
55301	75								
55302	80	700	85	160	120	26	5,4		
55303	85								
55304	90	750	95	180	140	27	7,1		
55305	95								
55306	100	800	105	195	150	28	8,4		
55307	105								
55308	110	850	115	210	165	28	9,8		
55309	115								
55310	120	900	125	230	180	28	12,1		
55311	125								



A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado polido / Полированный хром

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Kg		
60136	2.1/16	550	55	110	85	18	2,4		
60137	2.1/8								
55322	2.3/4	650	75	145	115	24	4,2		
55312	3								
55313	3.1/4	700	85	160	120	26	5,3		
55314	3.1/2	750	95	180	140	27	7,2		
55315	3.3/4	800	105	195	150			1	-
55323	3.7/8						8,4		
55316	4								
55317	4.1/4	850	115	210	165				
55318	4.1/2					28	9,8		
55319	4.3/4								
55320	5	900	125	230	180		12,1		

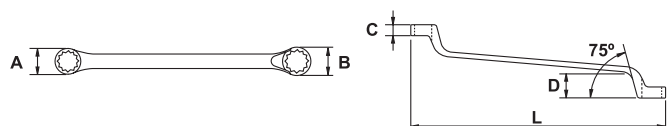


EGA Master

ART IN INNOVATION

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

MM



COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
61774	5,5-6	165			4,5		45		
61775	6-7	170	11	12		19	50		
67843	7-8		13	16	6,5		55		
61776	8-9	180				17	65		
67844	8-10		15	17	7,0		55		
61777	10-11								
67845	10-12	200	17	19	7,5		85		
67846	10-13					22			
67847	11-13		19	20			90		
67848	11-14				9,0		110	10	
61778	12-13	220					120		
67849	12-14			21		23	125		
67850	13-14								
61779	14-15	240	21	24	9,5		140		
67851	13-16				10		155		
67852	13-17	250		23			160		
67853	14-17				11	25	180		
61780	16-17		25	27			200		
67854	16-18	260	27		12		220		
67855	17-19								
61781	18-19	290	28	29		27	270		
67856	18-21		31	33	13	26	280	8	
67857	19-22	320					360		
61782	20-22		32	34		29	400		
61783	21-23		35				410		
67858	21-24	330		39		30	450		
67859	22-24		36						
61784	24-26			41			490		
61788	24-27	340	37	42	15	31	600		
61785	25-28								
61786	27-29	350	39	43		32	650	5	
67860	27-30	360	41	44	16		700		
61787	30-32	370	44	47		33	750		
67861	32-36	400		48	18	38	900		
67862	34-36	420	55	50		41	1100		
61789	36-41	550	70	75	19	49	1600		
67863	41-46	460	65	60	21	45	2000		
61790	46-50	550	70	75	20	50			

DIN 838

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



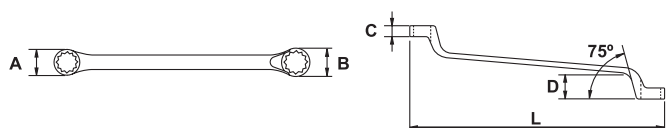
B

8

5

-

INCH



COD.	inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
60380	1/4-5/16	170	10	12	5,5	18	50		
67886	5/16-11/32	180	13		6,0	17	55		
60381	5/16-3/8	185		16	5,5	20	65		
60382	3/8-7/16	200	14		7,0		85		
67887	7/16-1/2	220	19	20		22	90		
60383	1/2-9/16	240	21		9,0	24	100		
60384	9/16-5/8		20	23		26	125	10	
60385	19/32-11/16	260	24	25	10	27	130		
60386	5/8-11/16			27			140		
67888	5/8-3/4	290	26				165		
60387	11/16-3/4			29	13	30	180		
67889	11/16-13/16						240		
60388	3/4-25/32		31	30					A
60389	3/4-7/8	320			14		360		
67890	3/4-13/16			33			380		
60390	13/16-7/8		30	33		31	400		
67891	7/8-15/16	330	34	37			440		
67892	7/8-1.1/16	340					470	5	
60391	15/16-1	320	38	41					
67893	1-1.1/16	340			15				
60392	1-1.1/8	350	43			35	600		
60393	1.1/16-1.1/8			48					
60394	1.1/16-1.1/4	360	44						
67894	1.1/8-1.1/4	370		65	16	36	650		

DIN 838

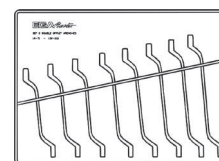
CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

SET

MM

COD.	PCS.		COD. PCS.	(mm)
69255	6	90056	61778, 61775, 61776, 61777, 61779, 61780	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
69239	8	90057	61778, 61775, 61776, 61777, 61779, 61780, 61781, 61782	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22
69256	B 10	90058	61778, 61775, 61776, 61777, 61779, 61780, 61781, 61782, 61783, 61784	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26
69257	12	90059	61778, 61782, 61783, 61784, 61785, 61787, 61775, 61776, 61777, 61779, 61780, 61781	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26, 25-28, 30-32



A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado pulido / Полированный хром
 B Cromado aeroespacial / Aerospaceal chrome plating / Chromée aérospatiale / Verchromt aérospatiale / Cromate satinata / Cromado fosco aeroespacial / Матовый хром

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INCH

COD.	PCS.		COD. PCS.	(inch)
69320	6	90056	60382, 60383, 60384, 60385, 60386, 60390	3/8-7/16, 1/2-9/16, 9/16-5/8, 19/32-11/16, 5/8-11/16, 13/16-7/8
69321	8	90057	60382, 60383, 60384, 60385, 60386, 60390, 60389, 60391	3/8-7/16, 1/2-9/16, 9/16-5/8, 19/32-11/16, 5/8-11/16, 3/4-7/8, 13/16-7/8, 15/16-1
69322	A 10	90058	60380, 60381, 60382, 60383, 60384, 60386, 60390, 60391, 60392, 60394	1/4-5/16, 5/16-3/8, 3/8-7/16, 1/2-9/16, 9/16-5/8, 5/8-11/16, 13/16-7/8, 15/16-1, 1-1.1/8, 1.1/16-1.1/4
69323	12	90059	60381, 60382, 60383, 60384, 60386, 60390, 60391, 60392, 60393, 60394, 60380, 60389	1/4-5/16, 5/16-3/8, 3/8-7/16, 1/2-9/16, 9/16-5/8, 5/8-11/16, 3/4-7/8, 13/16-7/8, 15/16-1, 1-1.1/8, 1.1/16-1.1/8, 1.1/16-1.1/4

MM

COD.	PCS.	COD. PCS.	(mm)
68463	6	61778, 61775, 61776, 61777, 61779, 61780	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
68464	B 8	61778, 61775, 61776, 61777, 61779, 61780, 61781, 61782	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22
68465	10	61780, 61782, 61776, 61784, 61775, 61777, 61779, 61781, 61783, 61778	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26



INCH

COD.	PCS.	COD. PCS.	(inch)
68471	6	60382, 60383, 60384, 60385, 60386, 60390	3/8-7/16 - 1/2 - 9/16 - 9/16-5/8 - 19/32-11/16 - 5/8-11/16 - 13/16-7/8
68472	A 8	60382, 60383, 60384, 60385, 60386, 60390, 60389, 60391	3/8-7/16, 1/2-9/16 - 9/16-5/8 - 19/32-11/16 - 5/8-11/16 - 3/4-7/8 - 13/16-7/8 - 15/16-1
68473	10	60380, 60381, 60382, 60383, 60384, 60386, 60387, 60389, 60390, 60391	1/4-5/16 - 5/16-3/8 - 3/8-7/16 - 1/2-9/16 - 9/16-5/8 - 5/8-11/16 - 11/16-3/4 - 3/4-7/8 - 13/16-7/8 - 15/16-1

EXPOSITORES / DISPLAYS / PRESENTOIRS / DISPLAY / ESPOSITORI / DISPLAY STAND / СТЕНДЫ

165 PCS.

MM

COD.	PCS.
55658	B 165
PCS.	COD. PCS.
20	61775
	61776
	61777
	61778
	61779
15	67852
14	61780
13	61781
12	67855
11	61782
	6-7 mm
	8-9 mm
	10-11 mm
	12-13 mm
	14-15 mm
	13-17 mm
	16-17 mm
	18-19 mm
	17-19 mm
	20-21 mm



■ 162 PCS.

■ INCH

COD.		PCS.
55659	A	162
PCS.	COD. PCS.	
20	60380	1/4-5/16"
	60381	5/16-3/8"
	60382	3/8-7/16"
	60383	1/2-9/16"
	60384	9/16-5/8"
14	60385	19/32-11/16"
	67888	5/8-3/4"
12	60387	11/16-3/4"
	67889	11/16-13/16"
10	60390	13/16-7/8"



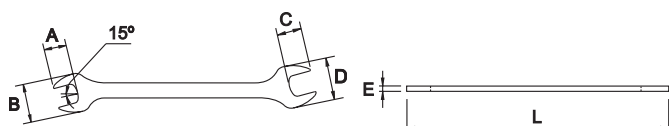
KIT DEMO 6 LLAVES / 6 SPANNER DEMO KIT / KIT DÉMO. 6 CLÉS / DEMOKIT 6 SCHLÜSSEL / KIT 6 CHIAVI DI DIMOSTRAZIONE / KIT DEMO 6 CHAVES / ДЕМО НАБОР 6 КЛЮЧЕЙ

COD.		
69342	300	
COD. PCS.		
61727	Aerospatial / Aerospatial	
38092	INOX SS 420	
73062	1000V	
70172	Cu-Be	8
70684	Al-Bron	
71669	Titanio / Titanium	



LLAVES FIJAS EXTRAFINAS / SLIM OPEN-END WRENCHES / CLÉS À FOURCHE EXTRA-FINES / DOPPELMAULSCHLÜSSEL EXTRA DÜNN / CHIAVI FISSE EXTRAFINE / CHAVE DE BOCAS EXTRA-FINA / ТОНКИЕ РОЖКОВЫЕ КЛЮЧИ

■ MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g		
56200	6 x 7	150	7	17	8	20	2,2	21		
56201	8 x 9		9		10					
56202	10 x 11	175	11	21	12	25	2,6	40		
56203	12 x 13		13		14					
56204	14 x 15	210	16	29	17	34	3,6	85		
56205	16 x 17		18		18					
56206	18 x 19	250	20	38	21	43	4,6	170	10	● B
56207	20 x 22									
56208	21 x 23	290	24	49	26	55	5,6	330		
56209	22 x 24									
56263	24 x 27							350		
56298	25 x 28	340	27	57	30	63	7,5			
56299	30 x 32	380		65		65	8,5	370		

ISO 3318

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

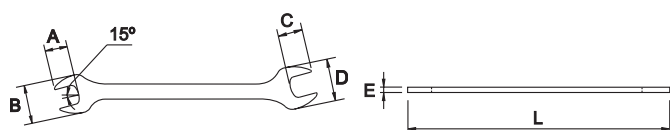
Cr-V



A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado pulido / Полированный хром
 B Cromado aerospacial / Aerospatial chrome plating / Chromée aérospatiale / Verchromt aerospatiale / Cromate satinée / Cromado fosco aerospacial / Матовый хром

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INCH



COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
56210	1/4 x 5/16	150	7	17	8	20	2,2	21		
56211	5/16 x 3/8	175		21	12	25	2,6	40		
56212	3/8 x 7/16		11		14					
56213	7/16 x 1/2	210	13	29	17	34	3,6	85		
56214	1/2 x 9/16		16							
56215	5/8 x 11/16	250	18	38	18	43	4,6	170	10	● B
56216	11/16 x 3/4		20		21			175		
56217	13/16 x 7/8	290	24	49	26	55	5,6	330		
56335	15/16 x 1	340		57		63	7,5	350		
56342	1.1/16 x 1.1/8		27		30					
56343	1.3/16 x 1.1/4	380		65		65	8,5	370		

ISO 3318

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



SET

MM

COD.	PCS.		COD. PCS.	(mm)	(inch)
56226	6	90056	56201, 56202, 56203, 56204, 56205, 56206	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19	-
56227	10	90054	56200, 56201, 56202, 56203, 56204, 56205, 56206, 56207, 56208, 56209	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 22 x 24	-

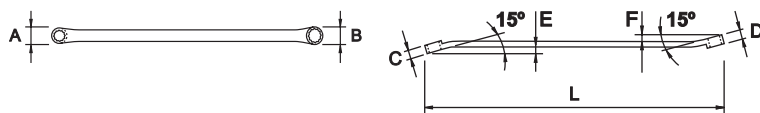


INCH

COD.	PCS.		COD. PCS.	(mm)	(inch)
56228	6	90056	56212, 56213, 56214, 56215, 56216, 56217	3/8 x 7/16 - 7/16 x 1/2 - 1/2 x 9/16 - 5/8 x 11/16 - 11/16 x 3/4 - 13/16 x 7/8	-
56229	8	90081	56210, 56211, 56212, 56213, 56214, 56215, 56216, 56217	1/4 x 5/16 - 5/16 x 3/8 - 3/8 x 7/16 - 7/16 x 1/2 - 1/2 x 9/16 - 5/8 x 11/16 - 11/16 x 3/4 - 13/16 x 7/8	-

LLAVES ESTRELLA DE DOS BOCAS EXTRAFINAS COMPENSADAS A 15° / SLIM DOUBLE RING WRENCHES 15° BENT / CLÉS POLYGONALE DOUBLE EXTRA-FINES COMPENSÉES À 15° / DOPPEL-RINGSCHLÜSSEL DÜNN 15° GEKRÖPFT / CHIAVI POLIGONALI A DUE BOCCHE A 15° / CHAVE DE LUNETE EXTRA-FINA DE 15° / ТОНКИЕ КЛЮЧИ ДВОЙНОЙ ЗВЕЗДОЧКА С ИЗГИБОМ НА 15°

MM



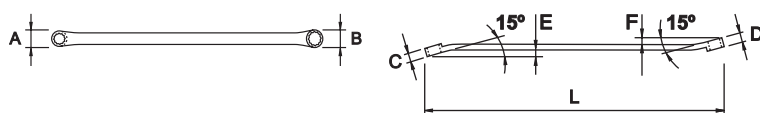
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	g		
58904	6-7	210	11	14	6,5	8,0	4,0	4,0	70		
58905	8-9	240	13	16		8,5	4,5	6,0	80		
58906	10-11	290	16	19	7,5	9,0	5,0		125		
58907	12-13	330	19	22	10	11,5	8,0	6,5	180	10	● B
58908	14-15	370	22	23	11	12,5	6,0	6,0	250		
58909	16-17	390	25		12	13		5,0	295		
58910	18-19	410	28	29	14	15			385		

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	g		
56230	7/32-1/4		11	14	6,5	8,0	4,0	4,0	70		
56231	1/4-5/16	210	13	16		8,5	6,0	6,0	80		
56232	5/16-3/8	240	16	19	7,5	9,0	5,0		125	10	● B
56233	3/8-7/16	290	19	22	10	12	8,0	6,5	180		
56234	1/2-9/16	330	25		12	13		5	290		
58911	5/8-11/16	390	28	29	14	15			390		
58912	11/16-3/4	410									

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

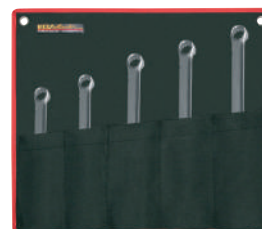
Cr-V



SET

INCH

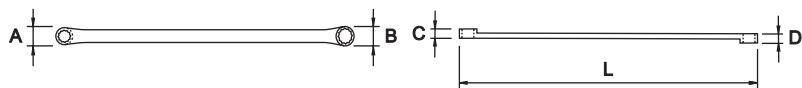
COD.	PCS.		COD.	PCS.	(inch)
56240	B 5	90056	56230, 56231, 56232, 56233, 56234		7/32-1/4, 1/4-5/16, 5/16-3/8, 3/8-7/16, 1/2-9/16



B Cromado aeroespacial / Aérospatiale chrome plating / Chromée aérospatiale / Verchromt aérospatiale / Cromate satinato / Cromado fosco aeroespacial / Матовый хром

LLAVES ESTRELLA PLANAS DE DOS BOCAS EXTRAFINAS / SLIM FLAT DOUBLE RING WRENCHES / CLÉS POLYGONALE PLATES DOUBLE EXTRA-FINES / DOPPEL-RINGSCHLÜSSEL DÜNN / CHIAVI POLIGONALI PIATTE A DUE BOCHE EXTRAFINE / CHAVE DE LUNETA PLANA EXTRA-FINA / ТОНКИЕ ПЛОСКИЕ КЛЮЧИ ДВОЙНАЯ ЗВЕЗДОЧКА

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
56235	7/32-1/4	205	11	13	6.5	7.5	50		
56236	1/4-5/16							10	●
56237	5/16-3/8	235	13	16		8.0	75		B
56238	3/8-7/16	290	16	19	8.0	9.0	115		
56239	1/2-9/16	330	20	23	9.5	11	160		

DIN 838

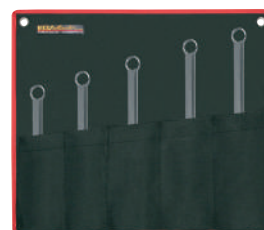
CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

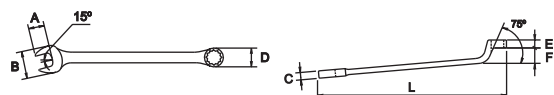
SET

INCH

COD.	PCS.		COD. PCS.	(inch)
56241	B 5	90056	56235, 56236, 56237, 56238, 56239	7/32-1/4, 1/4-5/16, 5/16-3/8, 3/8-7/16, 1/2-9/16


COMBINADA ACODADA / COMBINATION DEEP OFFSET SPANNER / MIXTE CONTRE-COUDÉE / RINGMAULSCHLÜSSEL / CHIAVE COMBINATA A CONTROGOMITO / BOCA E LUNETA CONTRA-COTOVELO / КОМБИНИРОВАННЫЕ КЛЮЧИ С ГЛУБОКИМ ИЗГИБОМ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	g	
60740	6	115	9,5	17	3,7	12	6,0	5,0	17	
60741	7	125	10	20	4,0	13	6,5	5,5	25	
60742	8	140	11			14	7,5	6,0	23	
60743	9	145		23	4,5	15		7,0	40	
60744	10	150	12			16	8,0	7,5	43	
60745	11	170	14	27	5,0	18	8,5	8,0		
60746	12	185	15			20	9,0	8,5	65	
60747	13	190		30	5,5	21	9,5	12	90	10
60748	14	200	16	31		22		16	95	
60749	15	210	18	35	6,0	24	10	18	115	●
60750	16	230	19		8,0	26		20	130	B
60751	17	250	20	38		27	12	21	170	
60752	18	260	21	40	8,5	29		21	175	
60753	19	280	22	43		31	13	23	240	
60755	21	290		46		33		24	250	
60756	22		23		9,0			25	270	
60757	23	300	24	47		34		26	320	5
60758	24	320	26	49		36	14	26	350	
60759	25	340	28	50	9,5	38		30	380	



B Cromado aeroespacial / Aérospatial chrome plating / Chromée aérospatiale / Verchromt aérospatiale / Cromate satinato / Cromado fosco aeroespacial / Матовый хром

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	g		
60760	26	350	28	50		38	14	30	420		
60761	27	360	29	55	10	39		30	410		
60762	28	370	30	60		42	16	32	470	5	●
60763	29	380	32			45			550		B
60764	30	400	33	65	11	46	18	34	600		
60765	32	410	34	70		47		35	750		

DIN 3113-B

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

SET

MM

COD.	PCS.		COD. PCS.	(mm)
68568	8	90081	60742, 60743, 60744, 60745, 60746, 60747, 60748, 60751	8, 9, 10, 11, 12, 13, 14, 17
68569	12	90083	60742, 60743, 60744, 60745, 60746, 60747, 60748, 60749, 60751, 60752, 60753, 60756	8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 22



ESTRELLA PLANA / DOUBLE ENDED FLAT RING SPANNER / POLYGONALE PLATE / DOPPELRINGSCHLÜSSEL / POLIGONALE DIRITTA / LUNETA DIREITA / ДВОЙНАЯ ИЗГНУТАЯ ПЛОСКАЯ ЗВЕЗДОЧКА

MM



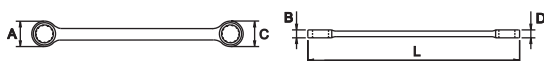
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
60770	6-7	120	12	5	11	5	25			
60771	8-9	135	15	5,5	13	5,5	30			
60772	10-11	150	17	6,4	16	6,4	50			
60773	12-13	165	21	7	20	7	70			
60774	14-15	185	24	8	21	8	90	10		
60775	16-17	210	27	8,5	24	8,5	120			
60776	17-19	225	29	9	27	9	150		●	B
60777	18-19									
60778	20-22	240	34	10	31	10	200			
60779	21-23	255	35	10,5	32	10,5	240			
60780	24-27	270	39	11	37	11	300	5		
60781	25-28	285	42	13	38	13	360			
60782	30-32	335	48	14	45	14	530			

DIN 837

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
57775	3/8-7/16	150	16	7,5	20	7,5	49			
57776	1/2-9/16	165	19	8,5	21	8,5	65			
57777	11/16-3/4	225	27	10	28	10	150	10	●	B
57778	13/16-7/8	240	30	12	33	12	175			



B Cromado aeroespacial / Aérospatial chrome plating / Chromée aérospatiale / Verchromt aérospatiale / Cromate satinato / Cromado fosco aeroespacial / Матовый хром

COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)				
57779	15/16-1	270	36	12	38	12	280	5	●	B

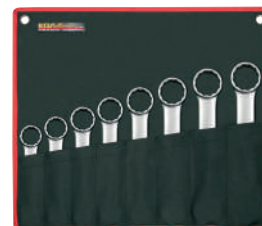
DIN 837

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

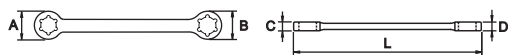
Cr-V

SET

COD.	PCS.		COD. PCS.	(mm)
68589	8	90081	60771, 60772, 60773, 60774, 60775, 60777, 60778, 60779	8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23
68607	12	90083	60770, 60771, 60772, 60773, 60774, 60775, 60777, 60778, 60779, 60780, 60781, 60782	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27, 25-28, 30-32



TORX®



COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)				
57718	E6 x E8	113	9	11	4.5	5.5	20			
57719	E7 x E11	127	12	16	6	7	29			
57720	E10 x E12	142	14	17	6.5	8	31			
57721	E14 x E18	182	17	21	8	10	75			
57722	E16 x E22	204	19	26	9	12	115			
57723	E20 x E24	224	25	29	11	13	160			

10 ● A

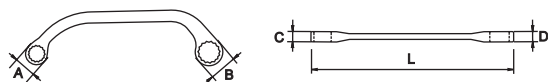


CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

MEDIA LUNA / HALF MOON / DEMI-LUNE / STARTER BLOCKSCHLÜSSEL / A MEZZALUNA / MEIA-LUNA / МОТОРНЫЙ КЛЮЧ

MM



COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)				
57158	6-8									
57155	7-9	135	15	19			55			
57159	8-10				8	8				
57156	10-12			22						
60795	11-13	150	20	23	9	9	90			
57160	13-15	175					110			
60796	13-17		25	28	10	10	120			
57161	14-16	185					160			
60797	14-17									
57162	17-19									
57157	18-20	210	28	31	11	11	180			
60798	19-22		31				280			
57163	21-22	230	32	35	12	12	300			

10 ● B



DIN 475

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

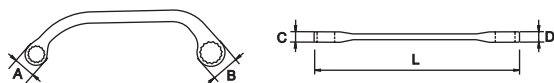
Cr-V

B Cromado aeroespacial / Aersopatial chrome plating / Chromée aérospatiale / Verchromt aersopatial / Cromate satinato / Cromado fosco aeroespacial / Матовый хром

*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)

A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado pulido / Полированный хром

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
57148	1/4 - 5/16	135	15	19	8,0	8,0	55	10		B
57149	5/16 - 3/8									
57150	7/16 - 1/2									
57151	9/16 - 5/8									
57152	11/16 - 3/4									
57153	13/16 - 7/8	230	32	35	12	12	300			

DIN 475



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

PARA RACORES / FLARE NUT / POLYGONALE À TUYAUTER / OFFENER DOPPELRINGSCHLÜSSEL / CHIAVE PER RACCORDI / LUNETAS ABERTAS COM BATENTE / КЛЮЧ ПРОКАЧНОЙ РАЗРЕЗНОЙ

MM



COD.	AF mm	Pt	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	g			
60785	8-10	6	145	19	6,0	7,5	21	7,5		45	10		B
60786	9-11		150	21	6,5	9,0	22		9,0	55			
60787	10-11				7,5		23	8,5					
60788	11-13		165	22	8,5	10	25		10	100			
60789	12-14		180	25	9,5	11	28	9,0	11				
60790	17-19	12	210	31	14	15	34	12	13	165	8		B
60791	19-22		230	34	18	17	39	14		200			
60792	22-24		250	39	17	18	41	15	16	290			
60793	24-27		260	42	18	21	46	16	17	280			
60794	30-32		280	48	22	24	50	20	23	460	6		

DIN 3118



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

INCH



COD.	AF inch	Pt	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	g			
58752	1/4 - 5/16	6	135	5	6	16,2	17,9	6,6	8,2	35	10		B
58753	5/16 - 3/8		145	6	7	18,4	20,8	7	8,5	45			
58754	3/8 - 7/16		152	6,5	8,5	20,8	22,6	8,5	9	60			
58755	7/16 - 1/2		165	8,5	10	22,6	25	9	10,5	80			
58756	1/2 - 9/16		178	9	11	25	27,4	9,5	11	115			
58757	9/16 - 5/8	6-12	196	11	14	27,4	30	11	12	140	8		B
58758	5/8 - 11/16			13									
58759	11/16 - 3/4			14	15	30	32,5	12	14	180			
58760	13/16 - 7/8			15	17	32,5	38	14	16	245			
58761	1 - 1.1/8		265	18	20	41	45	17	18	350			
58762	1.1/8 - 1.1/4	12	285	22	24	48,5	51	21	23	465	6		

DIN 3118



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

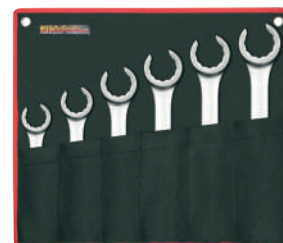
Cr-V

B Cromado aeroespacial / Aeroespacial chrome plating / Chromée aérospatiale / Verchromt aérospatiale / Cromate satinata / Cromado fosco aeroespacial / Матовый хром

■ SET

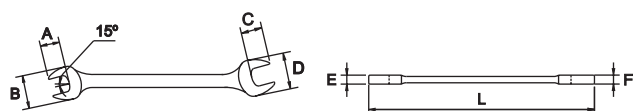
■ MM

COD.	PCS.		COD. PCS.	(mm)
68587	6	90056	60785, 60788, 60789, 60790, 60792, 60793	8-10, 11-13, 12-14, 17-19, 22-24, 24-27
68588	10	90058	60785, 60786, 60787, 60788, 60789, 60790, 60791, 60792, 60793, 60794	8-10, 9-11, 10-11, 11-13, 12-14, 17-19, 19-22, 22-24, 24-27, 30-32



■ FIJA / OPEN-END / À FOURCHE / DOPPELMAULSCHLÜSSEL / CHIAVE FISSE / DUAS BOCAS / РОЖКОВЫЙ КЛЮЧ

■ MM



COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)			
60800	6-7	95	6,5	14	7,5	16	3,2	3,5	20		
60801	7-8	100	8,5	17	8,5	19	4,0	3,8	23		
60802	8-9	105		18	9,0	20		4,0	32		
60803	8-10	115	9,0		10	21	4,5	4,5	30		
60804	9-11	125		19	12	23			35		
60805	10-11		11	21		26	5,0	5,0			
60806	10-12	130		22					40		
60807	10-13				13						
60808	11-13	135		25		28			50		
60809	12-13		12				5,5	5,5			
60810	12-14	140		27	14	31			45		
60811	13-14								55	10	
60812	13-15	150		28	15			6,0	70		
60813	13-16		14			34	6,0		75		
60814	14-15			29	16				80		
60815	13-17	155							85		
60816	14-17			33	18	35		6,5	110		
60817	16-17	160		34			6,5		135		
60818	16-18		16	35	19	36			130		
60819	17-19	170			20	38	7,0	7,5	140		
60820	18-19		18	36		39			170		
60821	18-21	180				44		8,0	165		
60822	17-22		19	37	22	45	8,0		180		
60823	19-22	190		38		46		8,5	200		
60824	20-22	195	20	39		48	8,5		240		
60825	19-24	210	22		23	49		9,0	260		
60826	21-23		23	44	24				350		
60827	21-24	220							340		
60828	22-24		24	48	25	50	9,0		400		
60829	22-27	240		49	26	55	9,5		450		
60830	24-27		25	50	29	60		10	500		
60831	25-28	250									
60832	24-30	260	26	55			10				
60833	27-30		28	60	30	65					
60834	27-32	270					11	11			
60835	30-32				32	70	12	12			
60836	30-34	290	29								



COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)				
60837	30-36	300	29	60	35	70	12	13	600	5	●	
60838	32-36		30	65	36				650			
60839	34-36	310	33	70	37	75	15	14	700	1	-	
60840	36-41	340	37	75	42	85			14			750
60841	41-46	370	41	80	43	90		15	900			
60842	46-50	400	48	90	50	100	15	1500	1			-
60843	50-55	450		100	55	110		16				
60799	55-60	495		110		120	18	20				
60766	65-70	580	65	140	70	140	23	23				
60769	75-80	660	85	170	85	160	28	26		5600		

DIN 895

■ SET

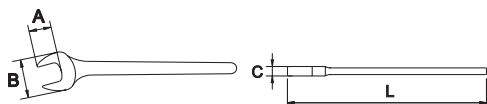
■ MM

COD.	PCS.		COD. PCS.	(mm)
68585	8	90081	60802, 60805, 60809, 60814, 60817, 60820, 60826, 60828	8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 21-23, 22-24
68586	12	90055	60800, 60802, 60805, 60809, 60814, 60817, 60820, 60824, 60826, 60830, 60831, 60835	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27, 25-28, 30-32



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

■ MM



COD.		L (mm)		A (mm)	B (mm)	C (mm)			
60844	8	90	5/16	7,0	17	3,8	15	10	
60845	9	100	-	9,5	20	3,9	18		
60846	10	105	-	11	22	4,5	20		
60847	11	110	7/16	12	23	5,5	23		
60848	12	125	-	13	25		27		
60849	13	130	-	14	28	6,0	37		
60850	14	140	9/16	15	29		42		
60851	15	150	-	16	32				
60852	16	155	-		17	34	6,5		
60853	17	160	-						
60854	18	165	-	18	36	7,5	75		
60855	19	170	3/4	20	39				
60856	21	180	-	23	43	8,5	100		
60857	22	195	7/8		45		120		
60858	24	210	-	25	48	9,5	140		
66461	25	220	-		50	10	160		
60859	27	240	1.1/16	27	55		180		
60860	30	260	1.3/16	29	60	12	300		
60861	32	270	-	32	65		310		
60862	34	280	1.11/32	33	70	13	400		
60863	36	300	-	37		14	420		
60864	38	320	1.1/2	41	75		15	800	
60865	41	340	1.5/8	42	85	16			900
60866	46	370	1.13/16	44	90				
66466	48	380	-	46	95	1050			
60867	50	390	-	50	100				



COD.	AF mm	L (mm)	AF inch	A (mm)	B (mm)	C (mm)	g		
60868	55	440	-	55	110	17	1200	5	
60869	60	470	2.3/8		120		1550		
60870	65	500	2.9/16		130	18			
62984	70	550	2.3/4	60	140	19	2250		
62985	75	600			150	20	2850		
62986	80				160	21	3600		
62987	85	650		70	170	22	3500	1	-
62988	90						4800		
62989	95	750		75	190	24	4600		
63848	100						7700		
63849	105	1000		105	220	29	8000		

DIN 894

■ SET

■ MM

COD.	PCS.		COD. PCS.	(mm)
68608	8	90081	60844, 60846, 60847, 60848, 60849, 60850, 60853, 60855	8, 10, 11, 12, 13, 14, 17, 19
68609	12	90083	60844, 60845, 60846, 60847, 60848, 60849, 60850, 60852, 60853, 60854, 60855, 60857	8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22



LLAVES DE GOLPE SEGURIDAD TOTAL / TOTAL SAFETY SLOGGING WRENCHES / CLÉS À FRAPPER SÉCURITÉ TOTALE / SCHLAGRINGSCHLÜSSEL MIT SICHERUNG / CHIAVI A BATTERE SICUREZZA TOTALE / CHAVES DE LUNETA SÉRIE PANCADA DE SEGURANÇA TOTAL / КОЛЬЦЕВОЙ УДАРНЫЙ КЛЮЧ-ЗВЕЗДОЧКА С ПОДВЕСОМ

■ MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)		Kg		
AD574257	22	155	38	13	8				
AD574267	23						0,2		
AD574277	24	165	42	14	8,5				
AD574287	25								
AD574297	26								
AD562957	27	175	46		9,5		0,3		
AD574307	28								
AD574317	29		50	16		89021	0,4		
AD562967	30	185							
AD574327	31								
AD574337	32		55		11		0,5	5	•
AD574347	33			18					
AD574357	34	210							
AD574367	35			19			0,6		
AD574377	36		60						
AD574387	37	220							
AD574397	38			20	12		0,7		
AD574407	41	225	65						
AD574417	42								
AD574427	45								
AD574437	46	240	75	22	13	89022	1		
AD574447	47								
AD574457	48								
AD574467	50	250	80	23	14		1,2	1	-
AD574477	52								



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)		Kg		
AD574487	54	270	85	24	14	89022	1,4		
AD574497	55								
AD574507	56								
AD574517	58								
AD574527	59								
AD574537	60	300	90	26	15	89022	1,6		
AD574547	61								
AD574557	62								
AD574567	63								
AD574577	64								
AD562977	65	320	100	30	16	89023	1,9	1	-
AD574587	66								
AD574597	67								
AD574607	68								
AD574617	69								
AD574627	70	330	110	32	17	89023	2,3	1	-
AD574047	71								
AD574057	72								
AD574067	73								
AD574077	74								
AD574087	75	350	115	33	18	89016	2,9		
AD585817	80								
AD585827	85								
AD585837	90								
AD585847	95								
AD585857	100	410	125	34	19	89017	3,6		
AD585867	105								
AD585877	110								
AD585887	115								
AD585897	120	420	130	36	20	89018	3,9		
AD585907	125								
AD585917	130								
AD585927	135								
AD585937	140								
AD585947	145	380	135	39	23	89016	5,0		
AD585957	150								
AD585967	155								
AD585977	160								
AD585987	165								
AD585997	170	390	145	43	25	89017	6,0		
AD586007	175								
AD586017	180								
AD586027	185								
AD586037	190								
AD586047	195	410	150	43	25	89017	6,5		
AD586057	200								
AD586067	205								
AD586077	210								
AD586087	215								
AD586097	220	450	170	45	28	89018	8,0		
AD586107	225								
AD586117	230								
AD586127	235								
AD586137	240								
AD586147	245	270	90	26	15	89018	9,5		
AD586157	250								
AD586167	255								
AD586177	260								
AD586187	265								

INCH



COD.		L (mm)	A (mm)	B (mm)	C (mm)					
AD574657	7/8	155	38	13	8	89021	0,2	5	●	
AD574667	15/16	165	42	14	9					
AD574677	1	175	46		10		0,3			
AD574687	1.1/16	185	50	16	11		0,4			
AD574697	1.1/8									
AD574707	1.3/16	210	55	18		0,5				
AD574717	1.1/4	220	60	19						
AD574727	1.5/16									
AD574737	1.3/8	230	65	20	12	0,7				
AD574747	1.7/16	240	75	22	13	89022	1	1	-	
AD574757	1.1/2									
AD574767	1.9/16									
AD574777	1.5/8	250	80	23	14		1,4			
AD574787	1.11/16									
AD574797	1.3/4	270	85	24			1,6			
AD574807	1.13/16									
AD574817	1.7/8	90	26	15						
AD574827	1.15/16									
AD574837	2									
AD574847	2.1/16									
AD574857	2.1/8									
AD574867	2.3/16									
AD574877	2.1/4									
AD574887	2.5/16									



COD.		L (mm)	A (mm)	B (mm)	C (mm)				
AD574897	2.3/8	270	90	26	15	89022	1,6	1	-
AD574907	2.7/16								
AD574917	2.1/2								
AD574927	2.9/16	300	100	28	16	89023	2,3		
AD574937	2.5/8								
AD574947	2.11/16								
AD574957	2.3/4	320	110	32	17	89023	2,5		
AD575097	2.13/16								
AD575157	2.7/8								
AD575167	2.15/16	330	115	33	18	89016	3,2		
AD575187	3								
AD575197	3.1/16								
AD575507	3.1/8	350	125	34	19	89018	3,6		
AD575547	3.1/2								
AD575747	4.1/2								



■ ACCESORIOS / ACCESSORIES / ACCESSOIRES / ERSATZTEILE / ACCESSORI / ACESSORIOS / ЗАПАСНЫЕ ЧАСТИ

■ MM

COD.	Descripción / Description / Description	Válido para / Valid for / Valable pour
89129		AD574257
89130		AD574267
89131		AD574277
89132		AD574287
89133		AD574297
89134		AD562957
89135		AD574307
89136		AD574317
89137		AD562967
89138		AD574327
89139		AD574337
89140		AD574347
89141		AD574357
89142		AD574367
89143		AD574377
89144		AD574387
89145		AD574397
89148		AD574407
89149		AD574417
89152		AD574427
89153		AD574437
89154		AD574447
89155		AD574457
89157		AD574467
89159		AD574477
89161		AD574487
89162	Set 5 pcs hilo tórico / Set of 5 o-ring cords / Jeu de 5 pcs corde	AD574497
89163		AD574507
89165		AD574517
89166		AD574527
89167		AD574537
89168		AD574547
89169		AD574557
89170		AD574567
89171		AD574577
89172		AD562977
89173		AD574587
89174		AD574597
89175		AD574607
89176		AD574617
89177		AD574627
89178		AD574047
89179		AD574057
89180		AD574067
89181		AD574077
89182		AD574087
89220		AD585817
89221		AD585827
89222		AD585837
89223		AD585847
89224		AD585857
89225		AD585867
89256		AD585877
89257		AD585887

○x5

■ INCH

COD.	Descripción / Description / Description	Válido para / Valid for / Valable pour
89187		AD574657
89188		AD574667
89189		AD574677
89190		AD574687
89191		AD574697
89192		AD574707
89193		AD574717
89194		AD574727
89195		AD574737
89197		AD574747
89198		AD574757
89199		AD574767
89200		AD574777
89201		AD574787
89202	Set 5 pcs hilo tórico / Set of 5 o-ring cords / Jeu de 5 pcs corde	AD574797
89203		AD574807
89204		AD574817
89205		AD574827
89206		AD574837
89207		AD574847
89208		AD574857
89209		AD574867
89211		AD574877
89212		AD574887
89213		AD574897
89214		AD574907
89215		AD574917
89216		AD574927
89217		AD574937
89218		AD574947
89219		AD574957

○x5

■ MM / INCH

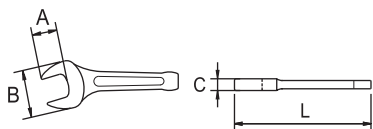
COD.	Descripción / Description / Description
89021	
89022	
89023	
89016	Grillete / Shackle / Manille
89017	
89018	



■ LLAVES DE GOLPE / SLOGGING WRENCHES / CLÉS À FRAPPER / SCHLAGSCHLÜSSEL / CHIAVI A PERCUSSIONE / CHAVES DE PANCADA / УДАРНЫЕ КЛЮЧИ

■ FIJA DE GOLPE / SLOGGING OPEN WRENCH / À FOURCHE À FRAPPER / SCHLAGMAULSCHLÜSSEL / FISSE AD IMPULSO / BOCA DE IMPACTO / УДАРНЫЙ РОЖКОВЫЙ КЛЮЧ

■ MM



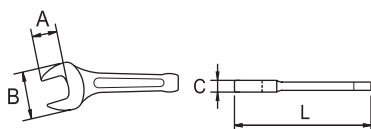
COD.	AP mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
67423	17	125	19	41	12	0,1	5	●
67424	19							
67425	21							
67426	22	135	22	46	15	0,2		
60871	24							
60903	26					0,4		
60872	27	175	27	60	16			
60873	30							
60874	32					0,6		
67427	34	200	34	70	17			
57555	35							
60875	36					0,7		
57556	37	220	38	80	18	0,8	1	-
67428	38							
57557	39							
65876	40	230	41	90	20			
60876	41					0,9		
65877	42							
57558	43	250	46	100	21			
65878	44							
57559	45					1,2		
60877	46	280	50	110	23			
57560	47							
65879	48					1,5		
57561	49	305	55	117	28		5	
60878	50							
67563	52					2		
67435	54	300	60	120	29			
60879	55							
67436	56					3		
60880	60	320	65	130	30			
60927	65							
61283	67							
61284	68	335	68	140	29			
60928	70					5		
61285	71							
61286	72	370	71	160	30		6	
60929	75							
60930	80					6		
60931	85	380	75	175	29			
60932	90					7		
60933	95					10		
57126	98	450	95	195	36	11		
60934	100					12		
60935	105	490	105	230	43			
60936	110					14		
60937	115							
57127	118	500	115	250	45		16	
60938	120							
67429	125					19		
67430	130	550	125	270	50			
67431	135							
67432	140					24		



COD.	AP mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
67433	145		145	290	55	24		
67434	150	650	150	290	55	24		
57050	155		160	310	60	27		
57051	160							
57052	165	705	170	330		30		
57053	170				65		1	-
57054	175	720	180	350		33		
57055	180		190	370		39		
57056	185	755	190	370		39		
57057	190				70			
57058	195	760	200	390		46		
57059	200					50		

DIN 133

INCH



COD.	AP inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
67437	3/4	125		41	7	0,1		
68079	11/16		12					
67438	7/8	135		47		0,2		
67439	15/16	150		50	8			
60966	1					0,4	5	•
60967	1.1/16							
67440	1.1/8	165	14	60	9	0,5		
60968	1.3/16							
60969	1.1/4	190	16	70	10	0,6		
67441	1.5/16							
67442	1.3/8	210	17	75		0,7		
67443	1.7/16							
67444	1.1/2	220	18	80	12	0,8		
67445	1.9/16							
60970	1.5/8	230	19	90		0,9		
67446	1.11/16							
67447	1.3/4							
60971	1.13/16	250	20	100	13	1,2		
67448	1.7/8							
67449	1.15/16	280	21	110		1,4		
60972	2							
67450	2.1/16				14			
67451	2.1/8	310	23	120		1,8		
67452	2.3/16						1	-
67453	2.1/4							
67454	2.5/16			130	15	2,1		
60973	2.3/8							
67455	2.7/16	320	24					
67456	2.1/2							
60974	2.9/16			135	16	2,9		
67457	2.5/8							
67458	2.11/16							
60975	2.3/4	330	26	140	17	3,6		
67459	2.13/16							
67460	2.7/8							
60976	2.15/16	340	28	150	18	4		
60977	3							
67461	3.1/16	360	29	160	19	5,5		
60978	3.1/8							



COD.		L (mm)	A (mm)	B (mm)	C (mm)			
58093	3.3/16	200	85	174	18			
67462	3.1/4					5,5		
67463	3.5/16	360	29	160	19			
67464	3.3/8							
67465	3.7/16							
67466	3.1/2							
67467	3.9/16	400	33	185	22	7		
67468	3.5/8							
67469	3.11/16							
60979	3.3/4							
67470	3.13/16							
67471	3.7/8							
67472	3.15/16							
60980	4	430	40	200	24	11		
67473	4.1/16							
60981	4.1/8							
67474	4.3/16							
67475	4.1/4							
67476	4.5/16							
67477	4.3/8	500	45	240	25	14		
60982	4.1/2							
67478	4.9/16							
67479	4.5/8							
67480	4.11/16							
67481	4.3/4							
67482	4.13/16			250	27	16		
67483	4.7/8						1	-
67484	4.15/16	550	50					
67485	5							
67486	5.1/4							
67487	5.5/16							
67488	5.3/8			270	30	18		
67489	5.1/2							
67490	5.3/4	650	55	290	32	24		
67491	6							
58075	6.1/8							
58076	6.1/4	645	160	305	60	28		
58077	6.3/8							
58078	6.1/2							
58079	6.9/16	705	170	325		34		
58080	6.5/8							
58081	6.3/4				65			
58082	6.7/8							
58083	7	720	180	345		38		
58084	7.1/8							
58085	7.1/4							
58086	7.3/8	755	190	365		42		
58087	7.1/2							
58088	7.5/8				70			
58089	7.9/16							
58090	7.3/4	770	200	385		48		
58091	7.7/8							
58092	8							

DIN 133

ESTRELLA DE GOLPE / SLOGGING RING / POLYGONALE À FRAPPER / SCHLAG RINGSCHLÜSSEL / POLIGONALE AD IMPULSO / LUNETA DE IMPACTO / УДАРНЫЙ КЛЮЧ ЗВЕЗДОЧКА
MM


COD.	AP mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
68927	17							
68928	19	145	32	12	7			
68929	22	155	38	13	8	0,2		
68930	24	165	42	14	9			
68931	27	175	46		10	0,3		
68932	30		50	16		0,4	5	•
68933	32	185	55		11	0,5		
68934	36	210	60	19		0,6		
68935	41	230	65	20	12	0,7		
68936	46	240	75	22	13	1		
68937	50	250	80	23		1,2		
68938	55		85	24	14	1,4		
68939	60	270	90	26	15	1,6		
68940	65	300	100	30	16	1,9		
68941	70	320	105	32	17	2,3		
68942	75	330	115	33	18	2,9		
68943	80	350	125	34	19	3,6		
68944	85	360	130	36	20	3,9	1	-
68945	90	380	135	39	23	4,8		
68946	100	410	148	43	25	5,8		
68947	110	450	170	45	28	8		
68948	120	480	180	50	30	10		
68949	130	510	200	55	31	12		
68950	140	520	210					
68951	150	570	220	60	32	14		
68952	160	590	240		33	16		

DIN 7444


INCH

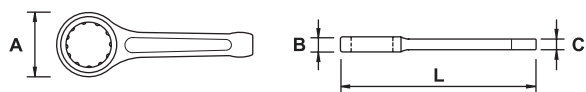

COD.	AP inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
68687	5/8							
68614	3/4	145	32	12	7			
68615	7/8	155	38	13	8	0,2		
68616	15/16	165	42	14	9			
68617	1							
68618	1.1/16	175	46		10	0,3		
68619	1.1/8		50	16		0,4	5	•
68620	1.3/16	185						
68621	1.1/4		55		11			
68622	1.5/16			18		0,5		
68623	1.3/8	210		19				
68624	1.7/16		60					
68625	1.1/2	220						
68626	1.9/16							
68627	1.5/8	230	65	20	12	0,7		
68628	1.11/16							
68629	1.3/4						1	-
68630	1.13/16	240	75	22	13	1		
68631	1.7/8							



COD.		L (mm)	A (mm)	B (mm)	C (mm)			
68632	1.15/16	250	80	23	14	1	1	-
68633	2							
68634	2.1/16							
68635	2.1/8		85	24		1,4		
68636	2.3/16							
68637	2.1/4	270			15			
68638	2.5/16		90	26		1,6		
68639	2.3/8							
68640	2.7/16							
68641	2.1/2							
68642	2.9/16	300	100	30	16	2,3		
68643	2.5/8							
68644	2.11/16							
68645	2.3/4	320	110	32	17	2,5		
68646	2.13/16							
68647	2.7/8						1	-
68648	2.15/16	330	115	33	18	3,2		
68649	3							
68650	3.1/16							
68651	3.1/8	350	125	34	19	3,6		
68652	3.1/4							
68653	3.5/16	360	130	36	20	3,9		
68654	3.3/8							
68655	3.1/2	380	135			4,8		
68656	3.9/16							
68657	3.5/8			39	23		1	-
68658	3.11/16	390	140			5,2		
68659	3.3/4							
68660	3.13/16							
68661	3.7/8	410	150			5,8		
68662	3.15/16			43	25			
68663	4							
68664	4.1/16	420	155			6,5		
68665	4.1/8							
68666	4.3/16							
68667	4.1/4		160			8	45	28
68668	4.5/16	450						
68669	4.3/8							
68670	4.1/2		170			9,6		
68671	4.9/16							
68672	4.5/8						480	30
68673	4.11/16							
68674	4.3/4		180	50		11		
68675	4.13/16							
68676	4.7/8							
68677	4.15/16						520	31
68678	5							
68679	5.1/4		200	55		12		
68680	5.5/16							
68681	5.3/8		210					
68682	5.1/2			60	32		570	32
68683	5.3/4	570	220			14		
68684	6	590				16		

DIN 7444

MM



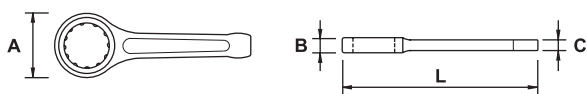
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
67310	17							
67311	18	145	32	12	7			
67312	19							
67313	20							
67314	21	155	38	13	8	0,2		
67315	22							
67316	23							
60881	24	165	42	14	8,5			
67317	25							
60904	26							
60882	27	175	46		9,5			
67318	28					0,3		
67319	29			16				
60883	30	185	50			0,4	5	
67320	31							
60884	32		55		11			
67321	33			18		0,5		
67322	34	210						
67323	35			19				
60885	36		60			0,6		
67324	37	220				0,7		
67325	38					0,6		
67274	39	215	61	20	12			
60886	41							
60887	42	225	65			0,7		
67326	45							
60888	46	240	75	22	13			
67327	47					1		
67422	48							
60889	50	250	80	23		1,2		
67328	52				14			
67329	54							
60890	55		85	24		1,4		
67330	56							
67331	58	270						
67332	59							
60891	60		90		15	1,6		
67333	61			26				
67334	62							
67335	63							
67336	64	300	100		16	1,9	1	
60939	65			30				
67337	66							
67338	67							
67339	68							
67340	69	320	110		17	2,3		
60940	70			32				
67341	71							
67342	72							
67343	73							
67499	74							
60941	75	330	115	33	18	2,9		
67344	76							
67345	77							
67346	78	350	125	34	19	3,6		
67347	79							



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
60942	80							
67348	82	350	125	34	19	3,6		
67492	84							
60943	85	360	130	36	20	3,9		
67349	88							
60944	90	380	135					
67350	94			39	23	5		
60945	95	390	145					
67351	98							
60946	100	410	150			6		
67308	102			43	25			
60947	105					6,5		
67309	107	420	155			7,0		
67368	108							
60948	110	450	170	45	28	8,0		
60949	115					9,5		
57128	118							
60950	120	480	180	50	30	10	1	-
67352	125							
67353	130							
67354	135	510	195	55	31	12		
67355	140	520	210					
67356	145							
67357	150	570	220		32	14		
67358	155			60				
67359	160							
67360	165	590	240		33	16		
67361	170							
67362	175	650	270	65	34	25		
67363	180							
67364	185	690	280	70		33		
67365	190				35			
67366	195							
67367	200	710	300	75		36		

DIN 7444

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
67369	1/2	100	24	9	5	0,1		
68077	11/16	145	32	12	7			
67370	3/4							
69003	13/16	155	38	13	8	0,2		
67371	7/8							
67372	15/16	165	42	14	9			
60983	1	175	46		10	0,3		
60984	1.1/16							
67373	1.1/8			16		0,4		
60985	1.3/16	185	50				5	•
60986	1.1/4							
67374	1.5/16		55	18	11			
61294	1.3/8	210		19		0,5		
67375	1.7/16		60					
61295	1.1/2	220						
61296	1.9/16							
60987	1.5/8	230	65	20	12	0,7		
67376	1.11/16							



COD.		L (mm)	A (mm)	B (mm)	C (mm)			
67377	1.3/4						5	•
60988	1.13/16	240	75	22	13			
67378	1.7/8					1		
67379	1.15/16							
60989	2	250	80	23				
67380	2.1/16				14			
67381	2.1/8		85	24		1,4		
67382	2.3/16							
67383	2.1/4	270						
67384	2.5/16		90	26	15	1,6		
60990	2.3/8							
67385	2.7/16							
67386	2.1/2							
60991	2.9/16	300	100	28	16	2,3		
67387	2.5/8							
67388	2.11/16							
60992	2.3/4	320	110	32	17	2,5		
67389	2.13/16							
67390	2.7/8							
60993	2.15/16	330	115	33	18	3,2		
60994	3							
67391	3.1/16	350	125	34	19	3,6		
60995	3.1/8							
58071	3.3/16	355	124			3,6		
67392	3.1/4							
67393	3.5/16	360	130	36	20	3,9		
67394	3.3/8							
68570	3.7/16							
67395	3.1/2	380	135			4,8		
67396	3.9/16			39	23			
67397	3.5/8							
67398	3.11/16	390	140			5,2	1	-
60996	3.3/4							
67399	3.13/16							
67400	3.7/8	410	150			5,8		
67401	3.15/16			43	25			
60997	4							
67402	4.1/16	420	155			6,5		
60998	4.1/8							
67403	4.3/16							
67404	4.1/4		160			8		
67405	4.5/16	450		45	28			
67406	4.3/8							
60999	4.1/2		170			9,6		
67407	4.9/16							
67408	4.5/8							
67409	4.11/16							
67410	4.3/4	480	180	50	30	11		
67411	4.13/16							
67412	4.7/8							
67413	4.15/16							
67414	5							
67415	5.1/4		200	55	31			
67416	5.5/16	520				12		
67417	5.3/8		210					
67418	5.1/2							
67537	5.5/8	570		60	32	14		
67419	5.3/4		220					
67420	6	590				16		
57136	6.1/8	565				13,7		
57139	6.1/4	585	240	58	33	16		
58055	6.3/8							

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
58056	6.1/2	585	240	58	33	16		
58057	6.9/16							
58058	6.5/8							
58059	6.3/4							
58060	6.7/8							
58061	7	685	285	70		33	1	-
58062	7.1/8							
58063	7.1/4							
58064	7.3/8							
58065	7.1/2							
58066	7.9/16	710	295	75	35	36		
58067	7.5/8							
58068	7.3/4							
58069	7.7/8							
58070	8							

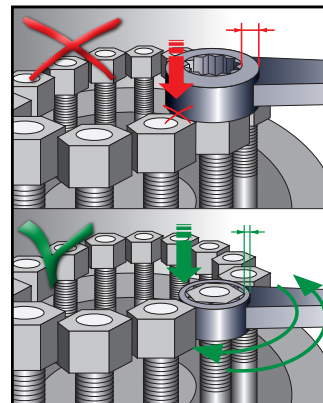
DIN 7444

LLAVES ESTRELLA DE GOLPE DE PARED FINA / SLOGGING RING WRENCH THIN WALL / CLÉS POLYGAONALES À FRAPPER À PAROI FINE / SCHLAGRINGSCHLÜSSEL DUNNWANDIG / CHIAVE POLIGONALI IMPACT PARETE FINA / CHAVES LUNETA DE PANCADA DE PAREDE FINA / КЛЮЧ НАКИДНОЙ УДАРНЫЙ ТОНКОСТЕННЫЙ

■ MM



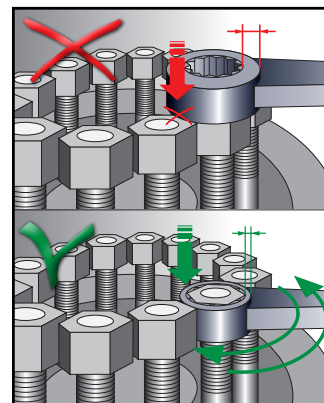
COD.		L (mm)	A (mm)	B (mm)	C (mm)			
56300	27	250	43	16	17	0,6	5	
56301	30	256	47	18	19	0,75		
56302	32	260	49	19	21	1,05		
56303	36	270	55	22	23	1,25		
56304	41	278	61	24	24	1,50		
56305	46	287	67	26	24	1,50		
56306	50	296	72	28	25	1,75		
56307	55	303	78	30	27	2		
56308	60	315	85	33	28	2,35		
56309	65	322	93	35	29	2,65		
56310	70	325	99	37	30	2,9	1	-
56311	75	338	106	39	31	3,3		
56312	80	348	112	42	32	3,7		
56313	85	350	119	43		4		
56314	90	353	126		33	4,25		
56315	95	358	133	44		4,6		
56316	100	366	139			4,9		
56317	105	375	147			6,5		
56318	110	382	157	45	34	7,2		
56319	115	390	163			8		
56320	120	405	174	47	35	8		



INCH

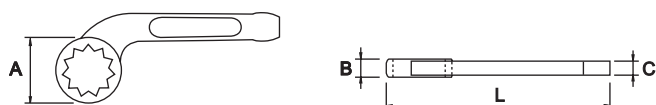


COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
56321	1.1/16	250	43	16	17	0,6	5	●
56322	1.1/4	260	49	19	21	0,75		
56323	1.7/16	270	55	22	22,5	1,05		
56324	1.5/8	278	61	24	22,5	1,25		
56325	1.13/16	287	67	26	24	1,5		
56326	2	296	72	28	25	1,75	1	-
56327	2.3/16	303	78	30	26,5	2		
56328	2.3/8	315	85	33	28	2,35		
56329	2.9/16	322	93	35	29	2,65		
56330	2.3/4	325	99	37	30	2,9		
56331	2.15/16	338	106	39	31	3,3		
56332	3.1/8	348	112	42	32	3,7		
56333	3.1/2	353	126	44	33	4,25		
56334	3.7/8	366	139		33	4,9		



LLAVE ESTRELLA DE GOLPE CURVA / CURVED SLOGGING RING WRENCH / CLÉ POLYGONALE À FRAPPER COURBÉE / ZUGSCHLAGRINGSCHLÜSSEL, GEBOGEN / POLIGONALE AD IMPULSO A CURVA / CHAVE LUNETA CURVA DE PANCADA / УДАРНЫЙ ИЗОГНУТЫЙ РОЖКОВЫЙ КЛЮЧ

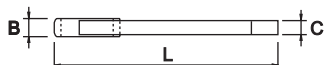
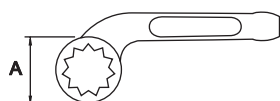
MM



COD.		L (mm)	A (mm)	B (mm)	C (mm)			
58360	19	160	42	14	8,5	250	●	
58361	20							
58362	21							
54950	22	140	46	16	9	330	-	
58363	23	160			8,5			
54951	24				9			
58364	25	175	54	19	8,5	515	-	
58365	26				9,5			
54952	27				10			
58366	28	190	55	20	9,5	630	-	
58367	29				10,5			
54953	30							
54954	32	210	58	22	11	870	-	
58368	34							
54955	36							
58369	38	225	64	23	12	1100	-	
58370	40							
54956	41							
58371	42	230	65	24	13	1300	-	
58373	45							
54957	46							
54958	50	270	80	26	14	1500	-	
54959	55							
54960	60							
54961	65	290	90	28	15	2000	-	
54962	70							
54963	75							
58372	80	350	124	34	19	3900		



INCH

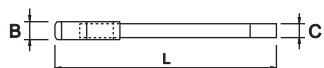
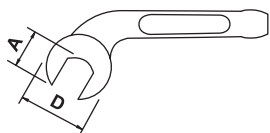


COD.		L (mm)	A (mm)	B (mm)	C (mm)			
58376	3/4	160	42	14	8,5	250	1	-
56964	13/16							
58377	7/8							
58378	15/16							
58379	1	175	46	16	9,5	380		
58380	1.1/8	190	54		10,5	500		
58381	1.1/4							
58382	1.3/8	210	58	19	11	620		
58383	1.1/2	225	64	20	12	865		
58384	1.5/8							
58385	1.3/4	240	73	22	13	1125		
58386	1.7/8							
58387	2	255	78	23	13,5	1250		
58388	2.1/4	285	92	25,5	15	2200		
58389	2.1/2	300	102	30	16	2600		
58390	2.3/4	320	108	31,5	17	2800		
58391	3	330	113	33	18	3150		



LLAVE FIJA GOLPE CURVA / CURVED OPEN END SLOGGING WRENCH / CLÉ À FOURCHE À FRAPPER COUDÉE / GEBOGEN SCHLAGMAULSCHLÜSSEL / CHIAVE FISSA A BATTERE CURVA / CHAVE DE BOCA DE PANCADA CURVA / УДАРНЫЙ ИЗОГНУТЫЙ ГАЕЧНЫЙ КЛЮЧ

MM

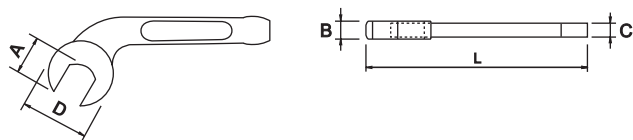


COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)					
58396	19	140	19	10	7	40,5	140	1			
58397	20										
58398	21										
58399	22										
58400	23	150	22	11	7,5	46					
58401	24										
58402	25										
58403	26										
58404	27	175	27	15	9	57					
58405	28										
58406	29										
58407	30										
58408	32	190	30	16	10	66	750				
58409	34										
58410	36										
58411	38										
58412	40	230	41	18,5	12	87					
58413	41										
58414	42										
58423	45										
58415	46	250	46	20	13	98					
58416	50										
58417	55										
58418	60										
58419	65	335	65	27,5	16	140	3600				



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g	
58420	70	370	70	28,5	17	155	4400	
58421	75	375	75	29	18	160	4700	1
58422	80	400	80	32	19	175	6100	

INCH

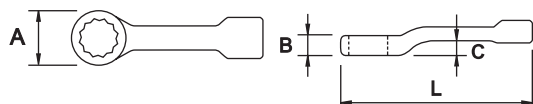


COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g	
58430	3/4	140	19	10	7	40,5	140	
58431	7/8	150	22	11	7,5	46	170	
58432	15/16	175	24	12	8	50	200	
58433	1	190	27	15	9	57	500	
58434	1.1/8	210	30	16	10	66	550	
58435	1.1/4	230	32	17	11,5	75	800	
58436	1.3/8	250	36	18,5	12	87	1250	1
58437	1.1/2	275	38	20	13	98	1600	
58438	1.5/8	315	41	23,5	15	108	3100	
58439	1.3/4	335	46	27,5	16	128	3750	
58440	1.7/8	370	50	28,5	17	155	4400	
58441	2	400	55	29	18	175	6100	
58442	2.1/4	440	60	32	19	190	6100	
58443	2.1/2	480	65	35	20	210	8000	
58444	2.3/4	520	70	38	22	230	9000	
58445	3	570	75	41	24	250	10000	



ESTRELLA DE GOLPE ACODADA / OFFSET SLOGGING RING / CLÉ POLYGAONALE À FRAPPER CONTRE-COUDÉE / SCHLAGRINGSCHLÜSSEL GEKRÖPFT / CHIAVE A BATTERE POLIGONALE / LUNETA INCLINADA DE PANCADA / КЛЮЧ НАКИДНОЙ УДАРНЫЙ

MM

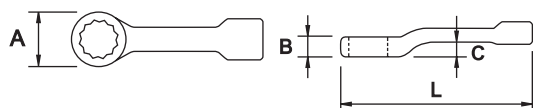


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
55000	22	240	42	18	23	0,9		
55001	24	270	50	20	26	1,2		
55002	27	280	55	22	28	1,4		
55003	30	290	62	23	29	1,6	5	•
54998	34	300	65	25	31	1,8		
55005	36	320	70	26	32	2		
55006	38	340	75	27	34	2,6		
55007	41	350	80	32	38	3		
55008	46	360	85	33	39	3,9		
55009	50	380	90	35	41	4,0		
55010	55	390	95	38	44	5,0		
55011	60	400	105	41	47	5,5		
55012	65	420	110	43	49	7,0		
55013	70	440	125	45	50	7,5		
55014	75	460	140	47	55	9,0		
55015	80	480	150	50	60	10,0		
55016	85	500	160	52	62	11,0		
55017	90	520	170	55	65	12,0		
55018	95	540	180	58	68	13,0		



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
55019	100							
55020	105	520	155	49	55	11		
55021	110							
55022	115	550	170	50	60	12		
55023	120							
55024	125	590	180	55	64	14		
55025	130							
55026	135	620	200			16		
54942	140			60	70			
54943	145	650	215			22		
54944	150							
54945	155	680	235	64	72	28		

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
55027	7/8							
55028	15/16	240	42	18	23	0,9		
55029	1							
55030	1.1/16	270		20	26	1,2		
55031	1.1/8		50					
55032	1.3/16	280		22	28	1,4	5	●
55033	1.1/4							
55034	1.5/16	290	55	23	29	1,6		
55035	1.3/8							
55036	1.7/16	300	65	25	31	1,8		
55037	1.1/2							
55038	1.9/16							
55039	1.5/8	320		26	32	2		
55040	1.11/16							
55041	1.3/4		70					
55042	1.13/16	340		27	34	2,6		
55043	1.7/8							
55044	1.15/16							
55045	2	350	80	32	38	3		
55046	2.1/16							
55047	2.1/8	360	85	33	39	3,9		
55048	2.3/16							
55049	2.1/4							
55050	2.5/16							
55051	2.3/8	380	90	35	41	4,1		
55052	2.7/16							
55053	2.1/2							
55054	2.9/16	390	95	38	44	4,2		
55055	2.5/8							
55056	2.11/16							
55057	2.3/4	400	105	41	47	5,1		
55058	2.13/16							
55059	2.7/8							
55060	2.15/16	420	110	43	49	5,5		
55061	3							
55062	3.1/16	440				6,9		
55063	3.1/8							
55064	3.1/4		125	45	50			
55065	3.5/16	460				7,3		
55066	3.3/8							



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
55067	3.1/2	480	140	47	55	8,8		
55068	3.9/16							
55069	3.5/8							
55070	3.11/16							
55071	3.3/4							
55072	3.13/16	520	155	49	60	10,9		
55073	3.7/8							
55074	3.15/16							
55075	4							
55076	4.1/16							
55077	4.1/8	550	170	50	60	12		
55078	4.3/16							
55079	4.1/4							
55080	4.5/16							
55081	4.3/8							
55082	4.1/2	590	180	55	64	14		
55083	4.9/16							
55084	4.5/8							
55085	4.11/16							
55086	4.3/4							
55087	4.13/16	620	200	60	70	16		
55088	4.7/8							
55089	4.15/16							
55090	5							
55091	5.1/4							
55092	5.1/16							

LLAVE ESTRELLA ACODADA PARA EXTENSIÓN / OFFSET RING SPANNER FOR EXTENSION / CLÉ POLYAGONALE CONTRE COUDÉE À RALLONGE / RINGSCHLÜSSEL FÜR VERLÄNGERUNG / CHIAVE POLIGONALE PER ESTENSIONE / CHAVE INGLESA DESLOCADA DO ANEL PARA A EXTENSÃO / ИЗОГНУТАЯ ЗВЕЗДОЧКА ДЛЯ УДЛИНИТЕЛЯ

MM



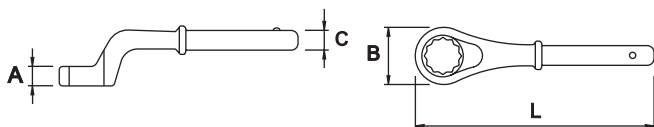
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	g	
66562	21	180	17	38	18	400	
66563	22						
65888	24						
65889	27						
65890	30						
65891	32	200	18	48	21	500	
65892	36	230					
65893	38	240					
65894	41	260					
65982	42	280					
65895	46	290	25	75	24	1350	
65983	48	300					
65896	50	340					
65984	52	350					
65897	55	360					
65887	56	370	38	110	29	2050	
65898	60	380					
65899	65	410					
65900	70						
65901	75						
65902	80		45	140		5150	
65903	85						
65904	90						



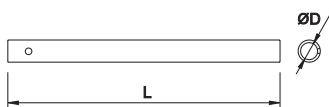
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COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	g	
65905	95	410		140		4900	
65906	100	420	45	150	29	5000	1
65907	105					4900	

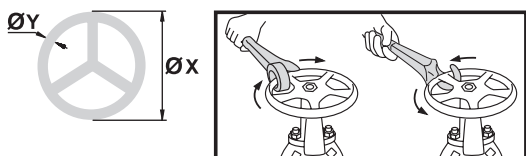
INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g	
54920	3/4						
54921	7/8	180		38		450	
54922	15/16		17		18		
54923	1	190		42		500	
54934	1.1/16			45			
54924	1.1/8	200		48		550	
54925	1.1/4	240	18	49		750	
54926	1.3/8	250	20	55		850	
65954	1.1/2				21		
54927	1.5/8	270	21	60		1000	1
54928	1.3/4						
54935	1.13/16	280	23	70	24	1400	
65999	1.7/8						
54929	2	290	25	75		1600	
54930	2.1/4	350	31	90		1750	
54931	2.1/2		33	95		3200	
54936	2.9/16	360	34	100	29	3500	
54932	2.3/4	370	36	105		3700	
54933	3	380	38	110		4100	


EXTENSION PARA LLAVE ESTRELLA ACODADA / EXTENSION FOR OFFSET RING SPANNER / RALLONGE DE CLÉ POLYAGONALE CONTRE-COUDÉE / VERLÄNGERUNG FÜR RINGSCHLÜSSEL / ESTENSIONE PER CHIAVI POLIGONALI / EXTENSÃO PA CHAVE LUNETA CURVA / УДЛИНИТЕЛЬ ДЛЯ КЛЮЧА ИЗОГНУТАЯ ЗВЕЗДОЧКА


COD.	AF mm	AF inch	O.D. mm	L (mm)	g	
65909	21-30	3/4-1.1/8	18	460	750	
65910	32-41	1.1/4-1.5/8	21	600	1150	
65911	46-55	1.3/4-2	24	750	2750	1
65912	60-105	2.1/4-3	29	850	2850	


LLAVES PARA VÁLVULAS / VALVE WRENCHES / CLÉS POUR VALVES / VENTILSCHLÜSSEL / CHIAVI PER VALVOLE / CHAVES PARA VÁLVULAS / КЛАПАННЫЕ КЛЮЧИ
LLAVE DE VÁLVULA / VALVE WRENCH / CLÉ POUR VALVE / VENTILSCHLÜSSEL / CHIAVE A VALVOLA / CHAVE DE VÁLVULA / КЛАПАНЫЙ КЛЮЧ
UNIVERSAL / UNIVERSAL / UNIVERSEL / UNIVERSELL / UNIVERSALE / UNIVERSAL / УНИВЕРСАЛЬНЫЙ


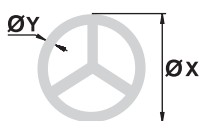
COD.	L (mm)	Ø x (mm)	Ø x (inch)	Ø y (mm)	Kg	
62803	215	50-175	2-7	≤ 12	0,2	1



COD.	L (mm)	Ø x (mm)	Ø x (inch)	Ø y (mm)	Kg	
62804	400	200-375	8-15	≤ 24		
62805	490	400-500	16-20	≤ 30		
62807	500	150-425	6-17	≤ 40	1,5	1
54972	550	125-250	5-10	≤ 35		
62806	800	400-500	16-20	≤ 30	2	
62812	1200				3	-

■ ESPECIAL / SPECIAL / SPÉCIAL / SPEZIELL / SPECIALE / ESPECIAL / СПЕЦИАЛЬНЫЙ

■ MM

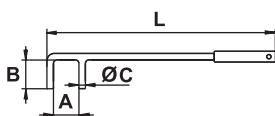


COD.	L (mm)	Ø x (mm)	Ø y (mm)	Kg	
51623	250	50-175	≤ 19	0,2	
51624	370	200-380	≤ 25	0,7	
51625	500		≤ 40	2,0	1
51626	800	405-510	≤ 60	3,5	



■ GANCHO GIRADOR DE VÁLVULAS / VALVE WHEEL HOOK / FIXATION GIRATOIRE DE VALVE / VENTILHAKEN / GANCIO GIREVOLE PER VALVOLE / GANCHO DE RODA VÁLVULAS / КЛЮЧ ДЛЯ ОТКРЫТИЯ КЛАПАНОВ

■ MM

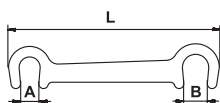


COD.	L (mm)	A (mm)	B (mm)	Ø C (mm)	Kg	
54974	300	40	35	14	0,45	
54975	350	45	40	17	0,5	
54976	400	50	45		0,8	
54977	450	55	50		1	
54978	500	60	55		1,2	
54979	550	65	60	18	1,4	
54980	600	70	65		1,5	
54981	650	75	70		1,6	1
54982	700	80	75		2,3	
54983	750	85	75		2,4	
54984	800	90	85		2,5	
54985	850	95	90	20	2,6	
54987	950	100	95		2,8	
54988	1000	105	100		2,9	
54989	1200			25	5,5	



■ LLAVE EN "C" DOBLE / DOUBLE C WRENCH / CLÉ EN DOUBLE C / DOPPEL C SCHLÜSSEL / CHAIVE DOPPIA A C / CHAVE EM C DUPLA / ДВОЙНОЙ С-ОБРАЗНЫЙ КЛЮЧ

■ MM

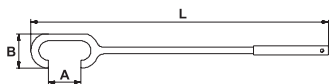


COD.	L (mm)	A (mm)	B (mm)	mm	mm	Kg	
54992	200	14	18	14	18	0,4	
54993	250	17	25	17	25	0,6	1
54994	450	25	34	25	34	2,3	



LLAVE EN "C" / C WRENCH / CLÉ EN C / C SCHLÜSSEL / CHIAVE A C / CHAVE EM C / С-ОБРАЗНЫЙ КЛЮЧ

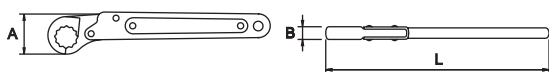
MM



COD.	L (mm)	A (mm)	B (mm)	Kg	
54997	450	40	55	1	1


LLAVE DE CARRACA PARA RACORES / RATCHETING RING WRENCH / CLÉ À TUYAUTER À CLIQUET / KNARRENROHR SCHLÜSSEL / CHIAVE A CRICCO PER RACCORDI / CHAVE LUNETA ABERTA COM ROQUETE / КЛЮЧ ЗВЕЗДОЧКА С ТРЕЩЕТКОЙ

MM



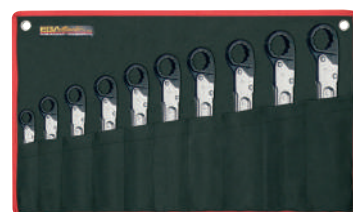
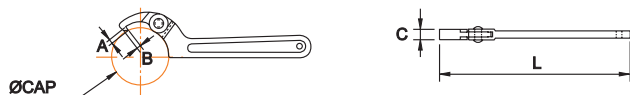
COD.		L (mm)	A (mm)	B (mm)				
65089	10	135	24	7,0	80	6		
65090	11				85			
65091	12							
65092	13				90			
65093	14	185	30	8,0	140			
65095	17				180			
65096	19							
65098	22				230			
65099	24	320	49	13	230			-
65100	27				320			
65102	32				50			



SET

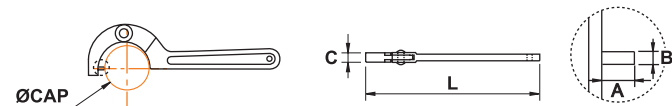
MM

COD.	PCS.		COD. PCS.	(mm)
68582	10	90058	65089, 65090, 65091, 65092, 65093, 65095, 65096, 65098, 65099, 65100	10, 11, 12, 13, 14, 17, 19, 22, 24, 27

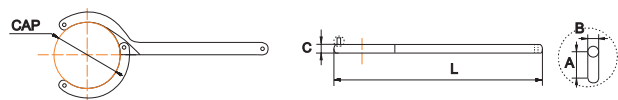

LLAVES DE GANCHO / HOOK WRENCHES / CLÉS À ERGOT / HAKENSCHLÜSSEL / CHIAVI A SETTORE / CHAVES DE GANCHO / СЕРПОВИДНЫЕ КРЮК-КЛЮЧИ
LLAVE DE GANCHO ARTICULADA / ADJUSTABLE HOOK SPANNER / CLÉ À ERGOT ARTICULEE / ZANGE MIT VERSTELLBARE BACKE / CHIAVE A SETTORE REGOLABILE / CHAVE DE GANCHO ARTICULADA / РУГУЛИРУЕМЫЙ КЛЮЧ КРЮК


COD.	L (mm)	CAP. Ø (mm)	CAP. Ø (inch)	A (mm)	B (mm)	C (mm)	g		
67981	160	19-50	3/4-2	4,0	3,5	9	110	6	
67982	205	32-75	1.1/4-3	4,0	3,5	11	225		
67983	290	50-120	2-4.3/4	4,5	4,0	12	450		
67984	310	115-170	4.1/2-6.3/4	5,0	4,5	13	580		



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


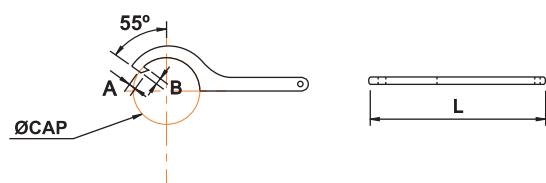
COD.	L (mm)	CAP. Ø (mm)	CAP. Ø (inch)	A (mm)	B (mm)	C (mm)	g		
58120	170	15-35	19/32-1.3/8	3	3	5,5	100		
58121	200	35-50	1.3/8-2	4,3	4	7	180	10	
58122	280	50-80	2-3.3/4	5	6,2	8	380		
58123	345	80-120	3.3/4-4.11/16	6			660	5	
58124	490	120-180	4.11/16-5.7/8	7,4	7,8	11	1440		



COD.	L (mm)	CAP. Ø (mm)	A (mm)	B (mm)	C (mm)	Kg		
54966	150	18-40	5	4	8	0,1		
54967	220	40-80	7	5	10	0,3		
54968	300	80-125	8	6	12	0,6	6	
54969	410	125-200	10	8	14	1,6		


PIN DE RECAMBIO / SPARE PINS / CROCHET DE RECHANGE / ERSATZSTIFTE / PIN DI RICAMBIO / PINO DE SUBSTITUIÇÃO / ЗАПАСНОЙ ШТИФТ

COD.	A (mm)	Ø B (mm)	Válido para / Valid for / Valable pour
86890	3	3	58120
86891	4,3	4	58121
86892	5		58122
86893	6	6,2	58123
86894	7,4	7,8	58124


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


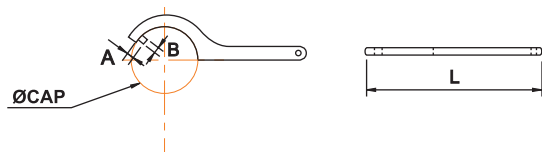
COD.	L (mm)	CAP. Ø (mm)	CAP. Ø (inch)	A (mm)	B (mm)	g		
68283	110	12-14	1/2-9/16	1,8	1,8	16		
68284		16-20	5/8-25/32	2,3	2	20		
68285	120	25-28	1-1.1/8		2,3	40		
68286		30-32	1.3/16- 1.1/4	2,5	2,5	60		
68287		34-36	1.5/16-1.13/32			90		
68288	150	40-42	1.9/16- 1.21/32		3	100		
68289		45-50	1.3/4-2	3	3,5	150		
68290	180	52-55	2.1/16-2.3/16			160		
68291		58-62	2.9/32-2.7/16	3,5	4	210	6	
68292	210	68-75	2.11/16-3			250		
68293		80-90	3.1/8-3.1/2			370		
68295	240	95-100	3.3/4-4	4	5	410		
68296		110-115	4.5/16-4.9/16			700		
68297	280	120-130	4.11/16-5.1/8			750		
68298		135-145	5.5/16-5.3/4	6		1050		
68299	320	150-165	5.7/8-6.1/2		6	1150		
57640	380	180-195	7.1/8-7.5/8	14		1800		



COD.	L (mm)	CAP. Ø (mm)	CAP. Ø (inch)	A (mm)	B (mm)			
57641	380	205-220	8.1/8-8.5/8	14	6	1900		
57642	460	230-245	9.1/8-9.5/8			3530		
57643		260-270	10.1/4-10.5/8	16	8	3600	6	•
57644	550	280-300	11.1/8-11.3/4		10	5430		

DIN 1810

LLAVE DE GANCHO CON PIN / HOOK SPANNER WITH PIN / CLÉ À ERGOT AVEC CROCHET / HAKENSCHLÜSSEL MIT PIN / CHIAVE A SETTORE CON PIN / CHAVES DE UNHA COM PIN / КЛЮЧ-КРЮК



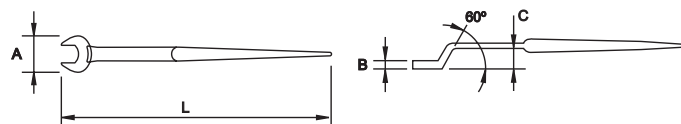
COD.	L (mm)	CAP. Ø (mm)	CAP. Ø (inch)	A (mm)	B (mm)			
58100	110	16-18	5/8-11/16	2,2	2,5	25	20	
58101		20-22	25/32-7/8					
58102	135	25-28	1-1.1/8	3	3	50		
58103		30-32	1.3/16-1.1/4					
58104	170	34-36	1.5/16-1.13/32	3,5	4	80	10	
58105		40-42	1.9/16-1.21/32					
58106	205	45-50	1.3/4-2	4	5	180		
58107		52-55	2.1/16-2.3/16					
58108	240	58-62	2.9/32-2.7/16	5		280	25	•
58109		68-75	2.11/16-3		6			
58110	280	80-90	3.1/8-3.1/2	6		435	15	
58111		95-100	3.3/4-4					
58112	335	110-115	4.5/16-4.9/16		8	800	10	
58113		120-130	4.11/16-5.1/8					
58114	385	135-145	5.5/16-5.3/4	8		1250		
58115		155-165	5.15/16-6.1/2				5	
58116	465	180-195	7-7.11/16		10	2100		
58117		205-220	8-8.11/16					



LLAVES PARA ESTRUCTURA / PODGING WRENCHES / CLÉS POUR STRUCTURE MÉTALLIQUE / SCHLÜSSEL FÜR DIE METALLSTRUKTUR / CHIAVI PER PONTEGGI / CHAVES DE ESTRUTURA / КЛЮЧИ ДЛЯ СТРОИТЕЛЬНЫХ ЛЕСОВ

LLAVE FIJA ACODADA PARA ESTRUCTURA / OFFSET OPEN END STRUCTURAL WRENCH / CLÉ À FOURCHE CONTRE-COUDÉE POUR STRUCTURE MÉTALLIQUE / MAULSCHLÜSSEL GEKROFFT MIT DORN / CHIAVE FISSA PER PONTEGGI / CHAVE BOCA INCLINADA PARA ESTRUTURA / КЛЮЧ ГАЕЧНЫЙ ОДНОСТОРОННИЙ ВИЛКООБРАЗНЫЙ СТРОИТЕЛЬНЫЙ

MM

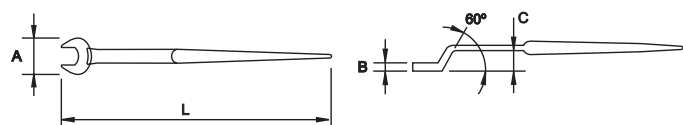


COD.		L (mm)	A (mm)	B (mm)	C (mm)			
64912	17		24	7,5		210		
64913	19	350	40	9	24	300		
65781	21		46			400		
64914	22			11		410		
58425	23		49			450		•
64915	24	370			28			
64916	27		55			600		
64917	30	400	65	13	32	800	1	
64918	32							
64919	36	430	70	14	36	900		
58426	38		80	15	41	1200		
64920	41	470						•
58427	45		90	16	46	1500		
64921	46	500						



COD.	AP mm	L (mm)	A (mm)	B (mm)	C (mm)	g		
58428	47	500	90	16	46	1500		
64922	50	550	100	17	48	1800	1	-
64923	55		110	18	50	2000		
58429	70	600	140	24	55	4400		

INCH

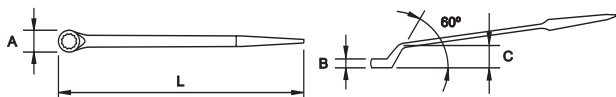


COD.	AP inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
64924	3/4	350	40	9	24	300		
64925	7/8		46			410		
64926	15/16			11				
64927	1	370	49		28	450		
64928	1.1/16							
64929	1.1/8							
64930	1.3/16	400		13	32	750		
64931	1.1/4		65					
64932	1.5/16							
64933	1.3/8	430		14	36	900		
64934	1.7/16							
64935	1.1/2						1	
64936	1.9/16	470	80	15	41	1200		
64937	1.5/8							
64938	1.11/16							
64939	1.3/4							
64940	1.13/16	500	90	16	46	1500		
64941	1.7/8							
64942	1.15/16		100	17	48	1800		
64943	2							
64944	2.1/16	550						
64945	2.1/8		110	18	50	2000		
64946	2.3/16							



LLAVE ESTRELLA ACODADA PARA ESTRUCTURA / OFFSET RING STRUCTURAL WRENCH / CLÉ POLYGALE CONTRE-COUDÉE POUR STRUCTURE MÉTALLIQUE / RINGSCHLÜSSEL GEKRÖPFT MIT DORN / CHIAVE POLIGONALE PER PONTEGGI / CHAVE LUNETA INCLINADA PARA ESTRUTURA / КЛЮЧ НАКИДНОЙ ОДНОСТОРОННИЙ ВИЛКООБРАЗНЫЙ СТРОИТЕЛЬНЫЙ

MM

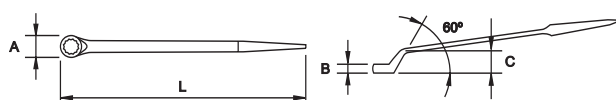


COD.	AP mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
64947	14	270	24	10	23			
64948	17	310	28	11	27	0,2		
64949	19	330	32	12	31			
64950	22	350	35	13	34	0,3		
64951	24	370	38					
64952	27	400	42	14	37	0,4		
64953	30	430	50	16	43	0,6		
64954	32						1	
64955	36	460	55	19	48	0,9		
64956	41	490	65	20	55	1,1		
64957	46	500	70	22		1,5		
64958	50		75		60	1,8		
64959	55	550	85	26		2,1		



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
64960	60	600	90	28	65	2,5		
64961	65	650		30		2,7		
64962	70		110		70			
64963	75			34		3,5		
64964	80	700	115	36		4,0	1	-
64965	85		125	37				
64966	90		135	39	75	5,0		
64967	95	750	140	41				
64968	100		145	42	80	6,0		
64969	110		160	43		7,0		

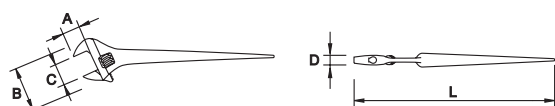
INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
64970	3/4	330	32	12		0,2		
64971	7/8	350	35		31			
64972	15/16	370	38	13	34	0,3		
64973	1	400	42	14	37	0,4		
64974	1.1/16							
64975	1.1/8							
64976	1.3/16	430	50	16	43	0,6		
64977	1.1/4							
64978	1.5/16							
64979	1.3/8	460	55	19	48	0,9		
64980	1.7/16							
64981	1.1/2							
64982	1.9/16	490	65	20	50	1,0		
64983	1.5/8							
64984	1.11/16							
64985	1.3/4	500	70	22		1,5	1	
64986	1.13/16							
64987	1.7/8							
64988	1.15/16	550	80		60	1,8		
64989	2							
64990	2.1/16			26				
64991	2.1/8	600	85			2,1		
64992	2.3/16							
64993	2.1/4							
64994	2.5/16	650	90	28	65	2,5		
64995	2.3/8							
64996	2.7/16							
64997	2.1/2	650	105	30	70	2,7		
64998	2.9/16							
64999	2.5/8							
68126	3.1/8	750	128	35	72,5	4		
68127	3.7/8		152	40	75	5,8		



LLAVE AJUSTABLE PARA ESTRUCTURA / ADJUSTABLE STRUCTURAL WRENCH / CLÉ À MOLETTE POUR STRUCTURE MÉTALLIQUE / VERSTELLBARE ROLLGABELSCHLÜSSEL MIT DORN / CHIAVE REOLABILE PER PONTEGGI / CHAVE AJUSTÁVEL PARA ESTRUTURA / КЛЮЧ РАЗВОДНОЙ СТРОИТЕЛЬНЫЙ

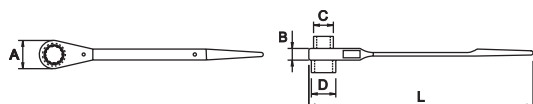


COD.	L (inch)	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
61137	16	400	35	85	42	17	1100	1	



**LLAVE DE CARRACA PARA ESTRUCTURA METÁLICA / PODGING WRENCH / CLIQUET RÉVERSIBLE / STAHLBAUKNARRE / CHIAVE A CRICCO PER COSTRUZIONE / CHAVE DE ROQUETE
PARA ESTRUCTURA METÁLICA / ГОЛОВКА С ТРЕЩЕТКОЙ**

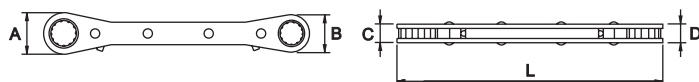
■ MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
65916	10-13	240	28	15	15	18	170		
57545	12-14		32	16	17	20	240		
65908	13-17		41	17	19	24	310		
65076	17-19	320	43		24	27			
65917	19-21			19		28	480		
65077	19-22		50		26	29			
65078	19-24	370		20	28	33	650		
57546	22-24		52		31	34	750	6	•
57547	24-27			21	34	37			
65079	24-30	420			32	41	950		
65080	27-32		60		37	43	1000		
57548	30-32			22	40	44			
57549	32-36	450		26	46	51	2000		
65081	36-41		79	27	49	57			


**LLAVE ESTRELLA DE CARRACA PLANA / DOUBLE RATCHET WRENCH / CLÉ POLYGONALE À CLIQUET / DOPPELKNARRE FLACH / CHIAVE A CRICCO / CHAVE LUNETEA
PLANA COM ROQUETE / ДВОЙНАЯ ТРЕЩЕТКА ЗВЕЗДОЧКА**

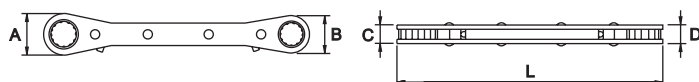
■ MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
65107	8-10	150	18	17		9,0	90		
65108	10-11	170	22	19	9,0		120	6	
65109	12-13	180	26	21	9,5	9,5	140		
65110	14-15	210	33	30	10		200		
65111	14-17			33		10	210	10	•
65112	19-21	230	40	37	11		260		



■ INCH



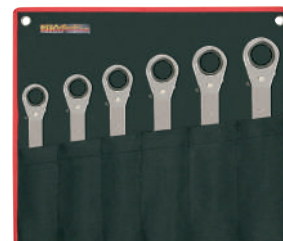
COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
65113	1/4-5/16	150	18	18	8,5	8,5	60		
65114	3/8-7/16	175	24	20	9,0		85	6	
65115	1/2-9/16	180	29	24	10	9,5	140		
65116	5/8-11/16	210	36	33		10	200	10	•
65117	3/4-7/8		40	37	11	12	260		



■ SET

■ MM

COD.	PCS.		COD. PCS.	(mm)
68610	6	90056	65107, 65108, 65109, 65110, 65111, 65112	8-10, 10-11, 12-13, 14-15, 14-17, 19-21

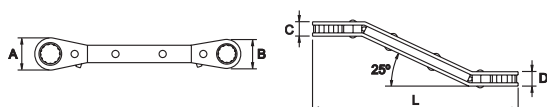


■ INCH

COD.	PCS.		COD. PCS.	(inch)
68611	5	90056	65113, 65114, 65115, 65116, 65117	1/4-5/16, 3/8-7/16, 1/2-9/16, 5/8-11/16, 3/4-7/8

■ LLAVE ESTRELLA DE CARRACA ACODADA / OFFSET DOUBLE RATCHET WRENCH / CLÉ POLYGONALE CONTRE-COUDÉE À CLIQUET / DOPPELKNARRE ABGEWINKELT / CHIAVE A CRICCO A CONTROGOMITO / CHAVE LUNETA INCLINADA COM ROQUETE / ДВОЙНАЯ ТРЕЩЕТКА ЗВЕЗДОЧКА ИЗОГНУТАЯ

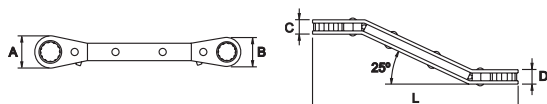
■ MM



COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
65118	8-10	150	20	18	9,5	9,0	85	6	●
65119	10-11	175	25	21		9,5	120		
65120	12-13	180	29	24	10	140			
65121	14-15	210	36	33		200			
65122	14-17		40	37	11	10	210	8	
65123	19-21	230	41			260			



■ INCH



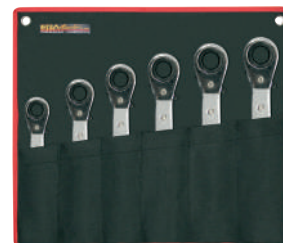
COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
65124	1/4-5/16	150	20	17	9,5	8,5	60	6	●
65125	3/8-7/16	175	23	20		9,0	85		
65126	1/2-9/16	180	30	27	10	9,5	140		
65127	5/8-11/16	210	36	33			200		
65128	3/4-7/8		40	37		10	260		



SET

MM

COD.	PCS.		COD. PCS.	(mm)
68612	6	90056	65118, 65119, 65120, 65121, 65122, 65123	8-10, 10-11, 12-13, 14-15, 14-17, 19-21

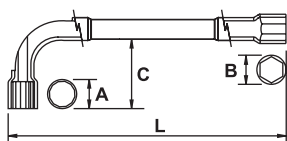


INCH

COD.	PCS.		COD. PCS.	(inch)
68613	5	90056	65124, 65125, 65126, 65127, 65128	1/4-5/16, 3/8-7/16, 1/2-9/16, 5/8-11/16, 3/4-7/8

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

MM



COD.			L (mm)	A (mm)	B (mm)	C (mm)			
61870	6	-	110	11	11	18	50		
61871	7	-	115	12	12	21			
61872	8	5/16 *	120	13	13		60		
61873	9	-	125	14	14	22	70		
61874	10	25/64 *	130	16	16		100		
61875	11	7/16 *	135	17	17	26	140		
61876	12	5/32 *	145	18	18	27	160		
61877	13	-	150	19	19	30	170		
61878	14	35/64 *	160	21	21	33			
61879	15		175	22	22	35	230		
61880	16		185	24	24				
61881	17	-	200	25	25	39	290		
61882	18		210	26	26	41	340		
61883	19	3/4 *	220	28	28	44	400		
61884	20	25/32 *		30	30	45	470		
61885	21	-	230				500		
61886	22		245	32	32	48	600		
61887	23	29/32 *	255	33	33		700		
61888	24		265	34	34	55	800		
61889	25	-	280	36	36		1000		
61890	26		290	37	37				
61891	27	1.1/16 *	300	38	38	60	1200		
61892	28	-	310	39	39				
61893	29	1.9/64 *	320	41	41		1300		
61894	30	1.3/16 *	330	42	42	65	1500		
61895	32	-	360	45	45		1800		



6 A

A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado pulido / Полированный хром

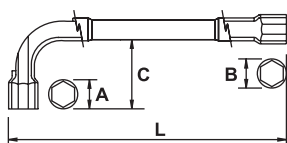
COD.	AF mm	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
61768	34		375	48	48	65	2000		
61772	36	-	395	50	50	70	2200	6	-
61770	38		400						A

Medidas aproximadas / Approximate measurements / Mesures approximatives | DIN 475

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

12 x 6

INCH



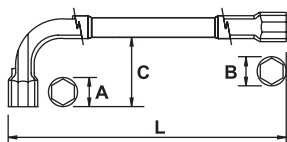
COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
58143	3/8	130	15	15	24	90		
58144	1/2	150	19	19	30	170		
58145	5/8	180	24	24	37	270		
58146	11/16	200	26	26	40	320		
58148	7/8	245	34	34	50	650	6	•
58147	15/16	255	28		55	660		-

DIN 475

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

6 x 6

MM / INCH



COD.	AF mm	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
61166	5,5	7/32	110	11	11	18	50		
61170	6								
61171	7	-	115	12	12	21			
61172	8		120	13	13	22	60		
61178	14	35/64	160	21	21	33	230		
58138	-	5/16	120	13	13	22	60		
61173	9	-	125	14	14	22	70		
61174	10	25/64	130	16	16		100		
61175	11	-				26			
58139	-	7/16	135	17	17		140		
61176	12	15/32	145	18	18	27	160		
61177	13	-	150	19	19	30	170	6	•
61178	14	35/64	160	21	21	33			
58140	-	9/16					230		
61179	15		175	22	22	35			
61180	16		185	24	24	39			
61181	17	-	200	25	25		290		
61182	18		210	26	26	41	340		
61183	19								
58141	-	3/4	220	28	28	44	400		
61184	20	25/32		30	30	45	470		
61185	21	-	230			48	500		-

A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado pulido / Полированный хром

COD.	AF mm	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
61186	22	-	240	32	32	48	600		
61187	23	29/32	250	33	33		700		
61188	24		260	34	34	55	800		
61189	25	-	280	36	36				
61190	26		290	37	37		1000		
61191	27	1.1/16	300	38	38	60	1200		
61192	28	-	310	39	39		1300	6	-
61193	29	1.9/64	320	41	41				
61194	30	1.3/16	330	42	42		1500		
61195	32		360	45	45	65	1800		
61769	34	-	370	48	48		2000		
61773	36		390						
61771	38		400	50	50	70	2200		

TITACROM® | Medidas aproximadas / Approximate measurements / Mesures approximatives | DIN 475

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

6 x 6

■ KIT-8 PCS.

■ MM

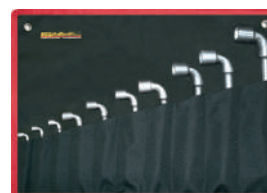
COD.	PCS.		COD. PCS.	(mm)
68597	A	8	90057	61872, 61874, 61875, 61877, 61881, 61883, 61886, 61888
68598	C			61172, 61174, 61175, 61177, 61181, 61183, 61186, 61188



■ KIT-10 PCS.

■ MM

COD.	PCS.		COD. PCS.	(mm)
69351	A	10	90058	61872, 61873, 61874, 61875, 61876, 61877, 61878, 61881, 61883, 61885
69353	C			61172, 61173, 61174, 61175, 61176, 61177, 61178, 61181, 61183, 61185



■ MM

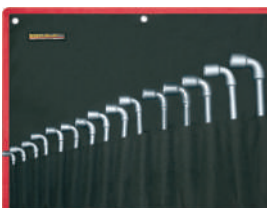
COD.	PCS.		COD. PCS.	(mm)
68599	A	10	90054	61872, 61874, 61875, 61876, 61877, 61878, 61880, 61881, 61882, 61883
68600	C			61172, 61174, 61175, 61176, 61177, 61178, 61180, 61181, 61182, 61183



■ KIT-15 PCS.

■ MM

COD.	PCS.		COD. PCS.	(mm)
68601	A	15	90061	61872, 61874, 61875, 61876, 61877, 61878, 61879, 61880, 61881, 61882, 61883, 61885, 61886, 61887, 61888
68602	C			61172, 61174, 61175, 61176, 61177, 61178, 61179, 61180, 61181, 61182, 61183, 61185, 61186, 61187, 61188



■ KIT-22 PCS.

■ MM

COD.	PCS.		COD. PCS.	(mm)
68603	A	22 90167	61872, 61873, 61874, 61875, 61876, 61877, 61878, 61879, 61880, 61881, 61882, 61883, 61885, 61886, 61887, 61888, 61890, 61891, 61892, 61893, 61894, 61895	8-9-10-11-12-13-14-15-16-17-18-19-21-22-23-24-26-27-28-29-30-32
68604	C		61172, 61173, 61174, 61175, 61176, 61177, 61178, 61179, 61180, 61181, 61182, 61183, 61185, 61186, 61187, 61188, 61190, 61191, 61192, 61193, 61194, 61195	12 x 6 6 x 6



■ EXPOSITORES / DISPLAYS / PRESENTOIRS / DISPLAY / ESPOSITORI / DISPLAY STAND / СТЕНДЫ

■ 54 PCS.

■ MM

COD.	PCS.	COD. PCS.	(mm)
55570	A	54	12 x 6
PCS.			
6		61872	8 mm
		61873	9 mm
		61874	10 mm
		61875	11 mm
		61876	12 mm
		61877	13 mm
4		61878	14 mm
		61881	17 mm
		61883	19 mm
		61885	21 mm



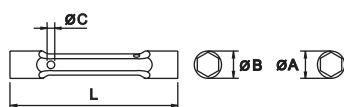
■ MM

COD.	PCS.	COD. PCS.	(mm)
55571	C	54	6 x 6
PCS.			
6		61172	8 mm
		61173	9 mm
		61174	10 mm
		61175	11 mm
		61176	12 mm
		61177	13 mm
4		61178	14 mm
		61181	17 mm
		61183	19 mm
		61185	21 mm



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

■ MM



COD.		L (mm)	A (mm)	B (mm)	Ø C (mm)			
61824	6-7	105	10	11	3	30	10	●



A Cromado pulido espejo / Mirror polished chrome plating / Polie chromée / Verchromt geschliffen / Cromate lucide / Cromado polido / Полированный хром
C TITACROM®

COD.	AP mm	L (mm)	A (mm)	B (mm)	Ø C (mm)	g		
61825	8-9	110	13	14	3	50		
61826	10-11	120	15	16	5	80		
61827	12-13	140	18	19	6	140		
61828	14-15	145	20	22	7	155	10	●
61829	16-17	155	23	24	7	180		
61830	18-19	165	25	26	8	230		
61831	20-22	170	28	30	10	290		
61832	21-23	185	29	31	10	340		
61833	24-26	190	33	33	12	430		
61838	24-27	190	33	35	12	500	6	-
61834	25-28	200	34	37	12	500		
61835	27-29	210	37	39	13	550		
61836	30-32	210	40	42	13	700		

TITACROM® | DIN 896-A

PASADOR ESCALONADO / STEP TOMMY BAR / BROCHE POUR CLÉ À TUBE / STUFEN-DREHSTIFT FÜR DOPPEL-STECKSCHLÜSSEL / PUNZONE SFALSATO / PASSADOR ESCALONADO / ВОРОТОК СТУПЕНЧАТЫЙ

MM



COD.	L (mm)	O.D. mm	g
61794	180	2,5-4,5-5,5-6	30
61795	280	6,5-7,5-9,5-11,5-12,5-13	200



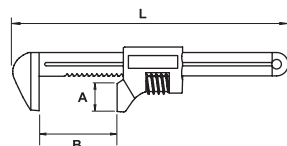
SET

MM

COD.	PCS.		COD. PCS.	(mm)
69489	6	90052	61824, 61825, 61826, 61827, 61828, 61829	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
69272	8	90057	61824, 61825, 61826, 61827, 61828, 61829, 61830, 61831	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22



LLAVE DE CREMALLERA / AUTO WRENCH / CLÉ À CREMAILLERE / VERSTELLBARE ROHRZANGE / CHIAVE A CREMAGLIERA / CHAVE DE CREMALHEIRA / РАЗВОДНОЙ КЛЮЧ АВТОМОБИЛЬНЫЙ

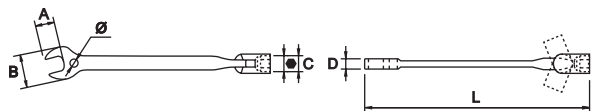


COD.	L (mm)	L (inch)	A (mm)	B (mm)	g	
62028	230	9	30	68	500	5
62029	280	11	41	75	750	
62030	375	15	49	90	1500	1

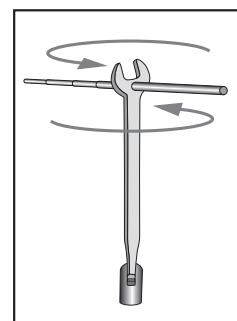


LLAVES ARTICULADAS / SWIVEL WRENCHES / CLÉS ARTICULÉES / SCHWENKSCHLÜSSEL / CHIAVI ARTICOLATE / CHAVES ARTICULADAS / КЛЮЧИ С ШАРНИРНЫМИ ГОЛОВКАМИ
LLAVE COMBINADA CON VASO ARTICULADO / FLEXIBLE SOCKET COMBINATION SPANNER / CLÉ MIXTE À DOUILLE ARTICULÉE / MAUL GELENK STECKSCHLÜSSEL / CHIAVI COMBINATE CON BUSSOLA ARTICOLATA / CHAVE COMBINADA COM CAIXA ARTICULADA / КОМБИНИРОВАННЫЙ КЛЮЧ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	O.D. mm	g		
56190	10	180	12	25	15	5,5		95		
56191	11	190	14	27	17	6		115		
56192	12				18			145		
56193	13	215	15	31	19	6,5	6	150		
56194	14		16		20				10	
56195	15	220	17	32		8		185		
56196	17	235	19	38	24			230		
56197	19	250	20	41	26	9	7	320		


PASADOR ESCALONADO / STEP TOMMY BAR / BROCHE POUR CLÉ À TUBE / STUFEN-DREHSTIFT FÜR DOPPEL-STECKSCHLÜSSEL / PUNZONE SFALSATO / PASSADOR ESCALONADO / ВОРОТОК СТУПЕНЧАТЫЙ

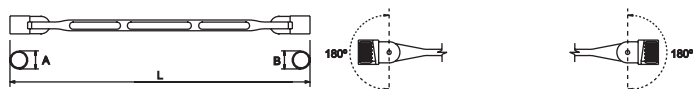
MM



COD.	L (mm)	O.D. mm	g
61794	180	2,5-4,5-5,5-6	30
61795	280	6,5-7,5-9,5-11,5-12,5-13	200


DE VASO DOBLE ARTICULACIÓN / DOUBLE ENDED SWIVEL / CLÉ À TUBE ARTICULÉE / DOPPEL-GELENKSTECKSCHLÜSSEL / CHIAVE A BUSSOLA DOPPA SNODABILE / DE CAIXA ARTICULADAS / КЛЮЧ ДВОЙНАЯ ГОЛОВКА ШАРНИРНАЯ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	g		
61301	8-9	200	12	13	100		
61302	10-11	210	15	16	110		
61303	12-13	230	19	19	155		
61304	14-15	240	21	21	200		
61305	16-17	250	23	24	280		
61306	18-19	270	26	26	390		
61308	20-22		28	30	480		
61309	21-23	290		32	470		
61310	24-27	330		36	700		

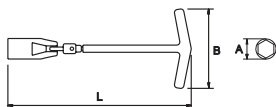


■ KIT-6
■ MM

COD.	PCS.	COD. PCS.	(mm)	Kg	
69185	6	61301, 61302, 61303, 61304, 61305, 61306	8-9, 10-11, 12-13, 14-15, 16-17, 18-19	1,6	●



DE BUJÍA ARTICULADA / SPARK PLUG WRENCH / CLÉS À BOUGIE ART. / ZÜNDKERZENSCHLÜSSEL / CHIAVI PER CANDELE SNODABILE / CHAVE ARTICULADA PARA VELAS / СВЕЧНОЙ КЛЮЧ



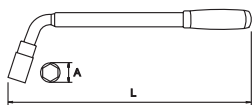
COD.	AF inch	L (mm)	A (mm)	B (mm)	g		
61471	20-13/16	230	28	100	250	8	●

DIN 3112



EXTENSIBLE PARA RUEDAS / EXTENSIBLE WHEEL WRENCH / CLÉS À ROUES EXTENSIBLE / AUSZIEHBARER RADMUTTERNSCHLÜSSEL / CHIAVE ESTENSIBILE PER RUOTE / EXTENSÍVEL PARA RODAS / РАЗДВИЖНОЙ БАЛОННЫЙ КЛЮЧ

■ MM

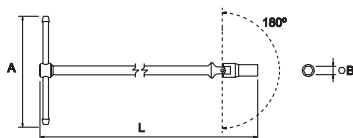


COD.	AF mm	L (mm)	A (mm)	g	
61476	17-19	550	28	800	3

DIN 3112



LLAVES ARTICULADAS EN T / T-HANDLE WRENCHES WITH UNIVERSAL JOINT / CLÉ À BEQUILLE ARTICULÉE / KARDAN GELENKSCHLÜSSEL / CHIAVE A T CON SNODO CARDANICO / CHAVES T COM CARDAN / Т-ОБРАЗНЫЙ КЛЮЧ С ШАРНИРНОЙ ГОЛОВКОЙ

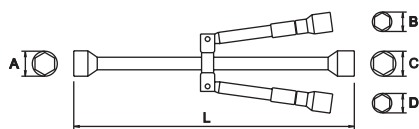


COD.	AF mm	AF inch	L (mm)	A (mm)	B (mm)	g		
61840	6	-	390			370		
61841	7	-						
61842	8	5/16 *						
61843	9	11/32 *						
61844	10	-	500	200	10	440	10	●
61845	11	-						
61846	12	15/32 *						
61847	13	1/2 *						
61848	14	-						
61849	15	19/32 *						
61850	16	5/8 *						
61851	17	21/32 *						
61852	18	-						
61853	19	3/4 *						
61854	20	25/32 *						
61855	21	13/16 *						
61856	22	-			12	650		

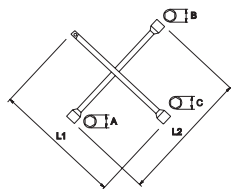


COD.	AF mm	AF inch	L (mm)	A (mm)	B (mm)	g		
61858	24	15/16 *	500	200	12	650	10	●

Medidas aproximadas / Approximate measurements / Mesures approximatives

EN CRUZ PLEGABLE / FOLDING CROSS RIM WRENCH / CLÉ EN CROIX PLIABLE / KREUZSCHLÜSSEL, KLAPPBAR / CHIAVE A CROCE PIEGABILE / CHAVE EM CRUZ DOBRAVEL / СЛАДНОЙ БАЛОННЫЙ КЛЮЧ


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g	
61477	17-19-21-23	355	30	26	32	28	1300	1


EN CRUZ / CROSS RIM WRENCH / CLÉ EN CROIX / KREUZSCHLÜSSEL / CHIAVE A CROCE / CHAVE DE CRUZETA / КРЕСТООБРАЗНЫЙ БАЛОННЫЙ КЛЮЧ


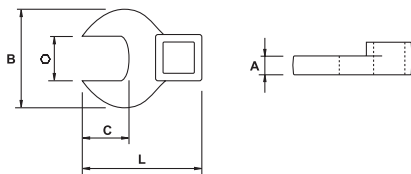
COD.	AF mm	AF inch	L1 (mm)	L2 (mm)	A (mm)	B (mm)	C (mm)	g	
61475	17-19-22	1/2	350	350	28	26	31	1150	1

DIN 3119

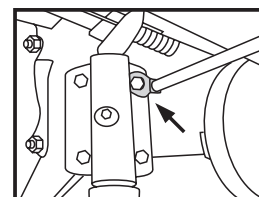

LLAVE FIJA CROWFOOT / OPEN END CROWFOOT WRENCH / CLÉ À FOURCHE CROWFOOT / EINSTECK-MAULSCHLÜSSEL / CHIAVE FISSA CROWFOOT / PONTEIRA DE BOCA COM QUADRADO INTERIOR / РОЖКОВЫЙ КЛЮЧ С КВАДРАТОМ

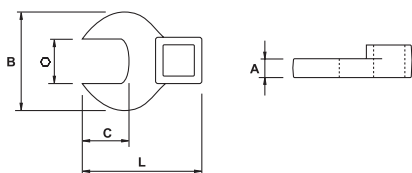
1/4"

MM

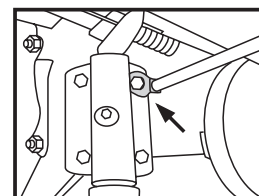


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	g		
57211	7				7	32		
57212	8	29		24	8			
57213	9				9	33		
57214	10		5		10		10	●
57215	11				11	36		
57216	12	32		29	12			
57217	13				13	37		

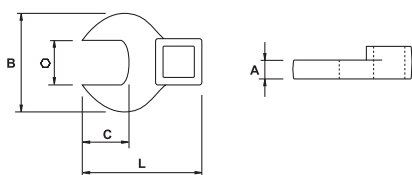


INCH


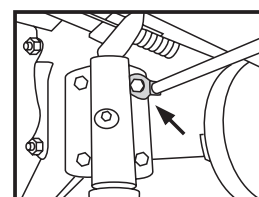
COD.		L (mm)	A (mm)	B (mm)	C (mm)				
57218	5/16	29	5	24	7	32	10	●	
57219	3/8				9				
57220	7/16	32		11	33				
57221	1/2			29	13	36			
57222	9/16								

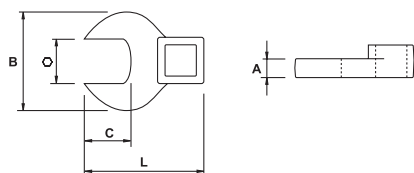

JUEGOS / SETS / ASSORTIMENTS / SÄTZE / ASSORTIMENTI / JOGOS / НАБОРЫ

COD.	PCS.		COD. PCS.	(mm)	(inch)	Kg
59514	5	58666	57218, 57219, 57221, 57220, 57222	-	5/16-3/8-1/2-7/16-9/16	0,6
59513	7		57211, 57212, 57213, 57214, 57215, 57216, 57217	7-8-9-10-11-12-13	-	0,7

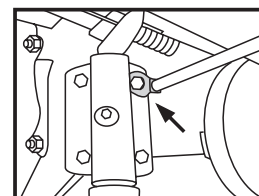

3/8"
MM


COD.	AP mm	L (mm)	A (mm)	B (mm)	C (mm)	g		
55710	10	36	6	24	10	28	10	●
55711	11	39	6,5	26	13	35		
55712	12	40	7,2	28	14	40		
55713	13	42	8,3	30	15	41		
55714	14	46	8,4	34	16	50		
55715	15	48	8,8	36	18	56		
55716	16	50	9	40	21	62		
55717	17	55	9,5	46	22,5	80		
55718	18	55	9,5	46	23,5	100		
55719	21	65	10	54	25,5	140		
55720	22				26,5	140		
55721	24				28,5	200		
55722	25							
55723	27							

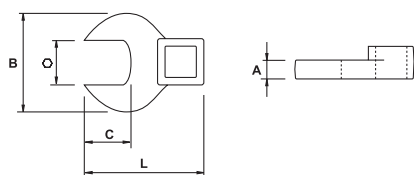


INCH


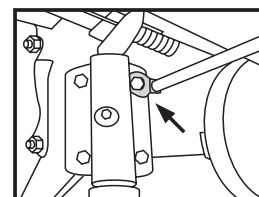
COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
55724	3/8	36	6	24	10	28		
55725	7/16	39	6,5	26				
55726	1/2	40	7,2	28	14	40		
55727	9/16	42	8,3	30		41		
55728	5/8	46	8,4	34	17	50		
55729	11/16	48	8,8	36	18	56		
55730	3/4	50	9	40	21	62		
55731	13/16	55	9,5	46	21,5	80		
55732	7/8				22,5	100		
55733	15/16				25,5	140		
55734	1	65	10	54	26,5			
55735	1.1/16				28,5	200		


JUEGOS / SETS / ASSORTIMENTS / SÄTZE / ASSORTIMENTI / JOGOS / НАБОРЫ

N!	COD.	PCS.		COD. PCS.	(mm)	(inch)	Kg
	59515	10	58666	55710, 55711, 55712, 55713, 55714, 55715, 55716, 55717, 55718, 55720	10-11-12-13-14-15-16-17-19-22		0,5
	59516	14	58667	55710, 55711, 55712, 55713, 55714, 55715, 55716, 55717, 55718, 55719, 55720, 55721, 55722, 55723	10-11-12-13-14-15-16-17-19-21-22-24-25-27		0,6
	59517	11		55724, 55725, 55726, 55727, 55728, 55729, 55730, 55731, 55732, 55733, 55734		3/8-7/16-1/2-9/16-5/8-11/16-3/4-13/16-7/8-15/16-1	

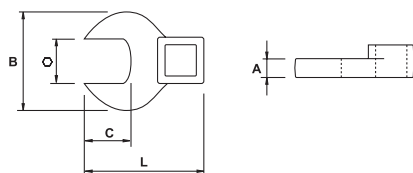

1/2"
MM


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	g		
57224	20				20			
57225	21				21			
57226	22	65	10	43	22	170		
57227	23				23			
57228	24				24			
57229	25				25			
57230	26			50	26	230		
57231	27				27			
57232	28				28			
57233	29	75	14		29			
57234	30				30			
57235	31			60	31	290		
57236	32				32			
57237	33				33			
57238	34	85		70	34	360		

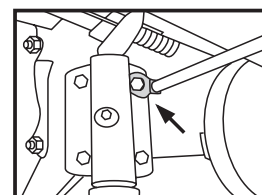


COD.		L (mm)	A (mm)	B (mm)	C (mm)			
57239	35	85	14	70	35	360	10	●
57240	36				36			
57241	37				37			
57242	38			38				
57243	39			39				
57244	40			41				
57245	41	90	14	80	42	400		
57246	42				43			
57247	43				44			
57248	44			45				
57249	45			46				
57250	46			46	460			

INCH

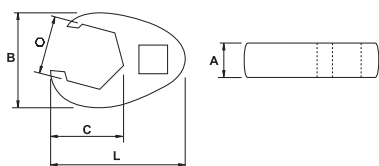


COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
57251	15/16	65	10	43	23	160	10	●
57252	1	75	14	50	25	170		
57253	1.1/16				27	180		
57254	1.1/8			60	28	190		
57255	1.3/16				30	210		
57256	1.1/4	85	14	70	32	230		
57257	1.5/16				33	270		
57258	1.3/8			80	35	300		
57259	1.7/16				37	350		
57260	1.1/2	90	14	90	38	370		
57261	1.9/16				41	400		
57262	1.5/8			100	43	420		
57263	1.11/16				44	450		
57264	1.3/4	100	14	110	46	470		
57265	1.13/16				48	500		
57266	1.7/8			110	50	550		
57267	1.15/16				55			
57268	2	110	14	110	55			
57269	2.1/16				57			
57270	2.1/8			110	59			
57271	2.3/16				61			
57272	2.1/4	110	14	110	63			
57273	2.5/16				65			
57274	2.3/8			110	67			
57275	2.7/16				69			
57276	2.1/2	110	14	110	71			
					73			
				110	75			
					77			

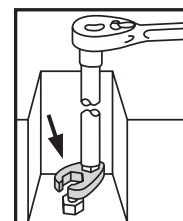


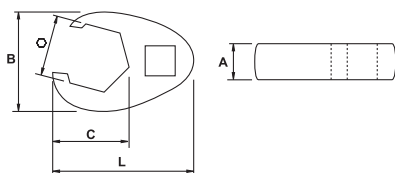
JUEGOS / SETS / ASSORTIMENTS / SÄTZE / ASSORTIMENTI / JOGOS / JOGOS

	COD.	PCS.		COD. PCS.	(mm)	(inch)	Kg
N!	59518	14	58669	57226, 57228, 57231, 57232, 57233, 57234, 57236, 57238, 57240, 57242, 57244, 57245, 57246, 57250	22-24-27-28-29-30-32-34-36- 38-40-41-42-45	-	5,8
	59519			57253, 57254, 57255, 57256, 57257, 57258, 57259, 57260, 57262, 57263, 57264, 57265, 57266, 57268	-	1.1/16-1.1/8-1.3/16-1.1/4- 1.5/16-1.3/8-1.7/16-1.1/2- 1.5/8-1.11/16-1.3/4-1.13/16- 1.7/8-2	6,3

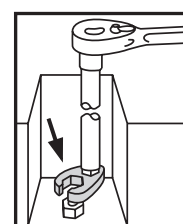

LLAVE HEXAGONAL CROWFOOT / HEXAGONAL CROWFOOT WRENCH / CLÉ MÂLE CROWFOOT / SECHSKANT-EINSTECK-MAULSCHLÜSSEL / CHIAVE ESAGONALE CROWFOOT / PONTEIRA HEXAGONAL COM QUADRADO INTERIOR / РОЖКОВЫЙ ШЕСТИГРАННЫЙ КЛЮЧ С КВАДРАТОМ
3/8"
MM


COD.	AP mm	L (mm)	A (mm)	B (mm)	C (mm)	g		
55736	10				16	28		
55737	11		7,8					
55738	12	38		31	18	35		
55739	13		8			40		
55740	14					41		
55741	15	41	9	33	21	50		
55742	16							
55743	17	45			24	56	10	•
55744	19	46	10,5	36	25	62		
55745	21					80		
55746	22	50	11	40	28,5	100		
55747	24							
55748	25	55	11,5	45	34	140		
55749	27					200		

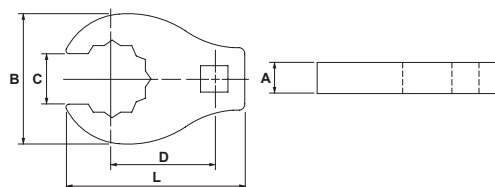


INCH


COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
55750	3/8				16	28		
55751	7/16	38	7,8	31	18	40		
55752	1/2		8		18	40		
55753	9/16	41	9	33	21	41		
55754	5/8				21	50		
55755	11/16	46	10,5	36	24	56		
55756	3/4				25	62	10	•
55757	13/16	50	11	40	28,5	80		
55758	7/8				28,5	100		
55759	15/16					140		
55760	1	55	11,5	45	34	140		
55761	1.1/16					200		

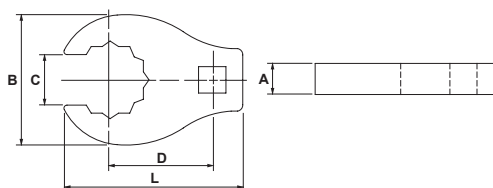


LLAVE ESTRELLA ABIERTA CROWFOOT / FLARE NUT CROWFOOT WRENCH / EMBOUT À TUYAUTEUR CROWFOOT / FLARE-NUT-GABELSCHLÜSSEL / CHIAVE A BOCCA APERTA CROWFOOT / CHAVE BOCA FLARE TIPO CROWFOOT / РАЗРЕЗНОЙ НАКИДНОЙ КЛЮЧ "CROWFOOT"

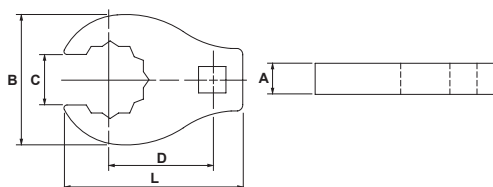
1/4"
MM


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
59337	7	33		22	5,5		48		
59338	8				6,0				
59339	9	34		24	6,5		50		
59340	10			26	7,0				
59341	11	35	8,0		8,5	18	55	10	•
59342	12	36		29	9,0				
59343	13				10				
59344	14	37		33	11		65		



INCH


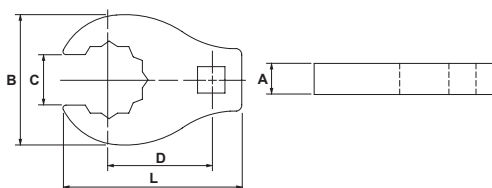
COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
59345	5/16	33		22	6,0		48		
59346	3/8			24	7,0		50		
59347	7/16	35	8		8,5	18		10	●
59348	1/2			29	9,5		55		
59349	9/16				11				


3/8"
MM


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
59350	10			22	7,0		50		
59351	11	45		26	8,5	25			
59352	12	48		30	9,0		55		
59353	13		8	32	10		60		
59354	14	50		33	11				
59355	15				12		90		
59356	16			36	13	30			
59357	17	55			14				
59358	18			42	15				
59359	19						130	10	●
59360	20			45	16				
59361	21								
59362	22	60	11	46	17				
59363	23				18	35	135		
59364	24								
59365	25			49	19		145		
59366	26	65							
59367	27			50	20		155		



INCH

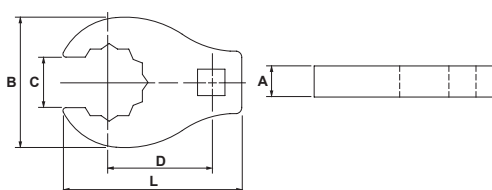


COD.	AF ^{inch}	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	9		
59368	3/8			22			55		
59369	7/16	45		26	8,5	25	70		
59370	1/2		8	30	9,5				
59371	9/16	48		34	11		85		
59372	5/8	49		36	13		90		
59373	11/16	55		42			130		
59374	3/4			45	16				
59375	13/16	60		46	17		135	10	●
59376	7/8			49	19	35	145		
59377	15/16			50	21		155		
59378	1			55	22		165		
59379	1.1/16	65	11	60	24		175		
59380	1.1/8			65	25		200		
59381	1.3/16			70	27	40	210		
59382	1.1/4	70		70	29	45	220		
59383	1.5/16			80			230		
59384	1.3/8	80							
59385	1.7/16								
59386	1.1/2	90							



1/2"

MM



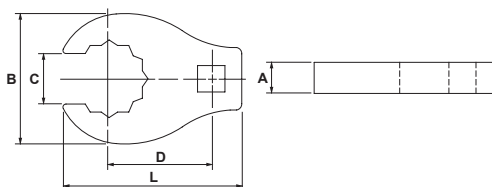
COD.	AF ^{mm}	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	9		
59387	17			35	11				
59388	18	60		40	15	35	160		
59389	19			42	16		165		
59390	20			43	17		170		
59391	21	65		48	18		175		
59392	22			48	19				
59393	23	70		60	22	40	180	10	●
59394	24			65	24		300		
59395	25			70	26	45	310		
59396	26		14						
59397	27								
59398	28								
59399	29	75							
59400	30								
59401	31								
59402	32								
59403	33								
59404	34	85							
59405	35								





COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)				
59406	36	85	14	70	28	45	310	10	●	
59407	37									
59408	38									
59409	39	90			29					
59410	40									30
59411	41									
59412	42	95		75	31	50	320			
59413	43									
59414	44									
59415	45									
59416	46									
59417	50			85	37		330			

INCH



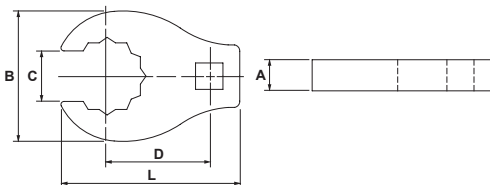


COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
59418	1/2	60	14	33	9,5	35	160	10	●
59419	15/16	70		48	18		210		
59420	1	75		60	19	40			
59421	1.1/16				21				
59422	1.1/8				22		260		
59423	1.3/16	80		65	24		300		
59424	1.1/4				25	45			
59425	1.5/16				26				
59426	1.3/8				27		310		
59427	1.7/16				28				
59428	1.1/2	95		75	30	50			
59429	1.9/16				32		320		
59430	1.5/8				33				
59431	1.11/16	115		85	35				
59432	1.3/4				38		370		
59433	1.13/16				100	39		600	
59434	1.7/8				105	40	60	650	
59435	1.15/16				41				
59436	2	120		115	43		750		
59437	2.1/16				120	45	65	800	
59438	2.1/8				125	47	70	850	
59439	2.3/16	130							
59440	2.1/4								
59441	2.5/16	135							
59442	2.3/8								
59443	2.7/16								
59444	2.1/2								



■ 3/4"

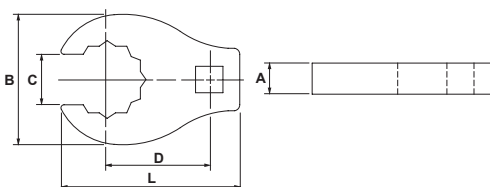
■ MM



	COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
59445	21	80	23	60	17	40	230	10	
59446	24	85			19				
59484	27	95			21				
59485	30	95		65	22				
59486	32	115		70	24				
59447	36	115		27					
59448	46	125		95	31	55	330		
59449	50	125		100	34	350			
59450	55	135		105	39	60	360		
59451	60	140		115	43	65	380		
59452	65	150		120	46				
59453	70	150		130	50	70			
59454	75	155		135	55				
59455	80	160		140	60	75	400		
59456	90	175		155	65	80			
59457	95	185		160	70	85			



■ INCH



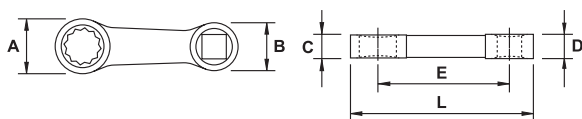
COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
59458	13/16	80	23	55	16	40	230	10	●
59459	7/8			60	18		240		
59460	15/16	85			21	45	250		
59461	1.1/16	85							
59462	1.7/16	95		70	27				



ADAPTADOR DE PAR / TORQUE ADAPTER / ADAPTATEUR DE COUPLE / DREHMOMENT ADAPTOR / ADATTATORE DI COPPIA / ADAPTADOR DE PAR / АДАПТЕР КРУТЯЩЕГО МОМЕНТА

■ 3/8"

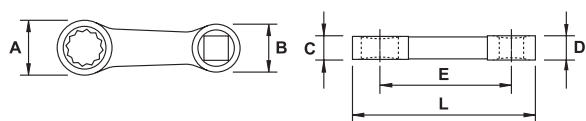
■ MM



COD.	AF mm	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g		
57315	8	3/8	75	20	19	9	12	50	50	10	●
57316	10			24		12		60			
57317	13										



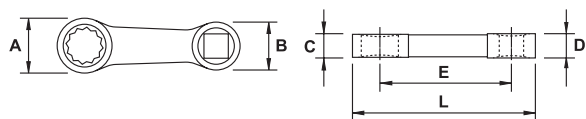
INCH



COD.	AF inch	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g		
57318	5/16										
57319	3/8			20		9		50			
57320	7/16	3/8	75		19		12	50		10	●
57321	1/2			24		12		60			
57322	9/16										



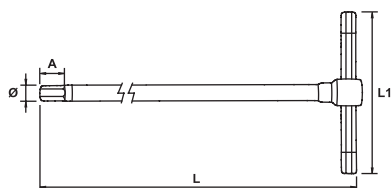
SPLINE



COD.		AF inch	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g		
57323	M7	7/32										
57324	M8	1/4										
57325	M9	9/32										
57326	M10	5/16			20		9		50			
57327	M12	3/8	3/8	75		19		12	50		10	●
57328	M14	7/16										
57329	M16	1/2										
57330	M18	9/16			24		12		60			
57331	M20	5/8										



LLAVES HEXAGONALES EN T / HEXAGONAL T KEYS / CLÉS MÂLES EN T / T-INBUSSCHLÜSSEL / CHIAVI ESAGONALI A T / CHAVES HEXAGONAIS EM T / Т-ОБРАЗНЫЕ КЛЮЧИ ДЛЯ ШЕСТИГРАННИКОВ



COD.	AF mm	L (mm)	L1 (mm)	Ø (mm)	A (mm)	g
59180	2				4	
59181	2,5	125	65	4	5	23
59182	3					
59183	4	180	90	6	6	60
59184	5				8	
59185	6	210	105	8	10	125
59186	8	250	125	9	14	210
59187	10	300	145	12	16	380
59188	12	320	165	14	19	550
59189	14	340	170	16	22	800



■ SET

COD.	PCS.	
58718	10	3,8
Composición / Composition / Composition		
59180, 59181, 59182, 59183, 59184, 59185, 59186, 59187, 59188, 59189		2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 - 14



■ LLAVES EN "L" / "L" KEYS / CLÉS EN "L" / "L" FORM SCHLÜSSEL / CHIAVI ESAGONALI / CHAVES EM L / ШЕСТИГРАННЫЕ КЛЮЧИ

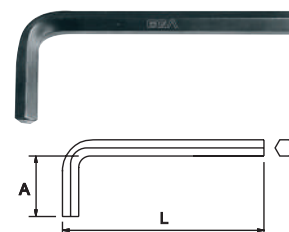
■ LLAVES HEXAGONALES / HEXAGONAL KEYS / CLÉS MÂLES / INBUSSCHLÜSSEL / CHIAVI ESAGONALI / CHAVES HEXAGONAIS / ШЕСТИГРАННИК

EGA

■ STANDARD

■ MM

COD.		L (mm)	A (mm)			
65302	0,9	33	10	0,2		
65955	1,27	40	12	0,9		
61501	1,5	46	14	1,0		
61502	2	50	16	2,0		
61503	2,5	60	17	3,0		
65956	2,7	55		4,5		
61504	3	65	20	5,0		
65303	3,5	70	21	7,5		
61505	4	75	25	10		
65304	4,5	80	26	14		
61506	5	85	28	15		
61507	5,5			25		
61508	6	95	32	30		
61527	7	100	33	45		
61509	8		36	60	10	●
65305	9	115	38	80		
61510	10	120	40	105		
65306	11	130		130		
65307	12	135	42	170		
65519	13	145	44	190		
65308	14	155	46	260		
65958	15	160		310		
65309	16	170	50	370		
65310	17	175		440		
65959	18	190	65	500		
65311	19			650		
65960	20	200	70	660		
65312	21	210		800		
65313	22	220	82	950		
65314	24	250	90	1250		
65961	27	280	100	1750		
65962	30	320	110	2450	5	
65963	32	350	120	3050		
65964	36	390	135	4350		
67629	38	380	140	4700		
67630	41		150	5700		
67631	46		160	7000		
67632	48	410	165	7100		
67633	50		175	9550	1	
67634	55	450	185	11200		
67635	60	470	195	14050		
67636	65	480	200	15300		



COD.		L (mm)	A (mm)			
67637	70	500	210	16700	1	-

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CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

INCH

COD.		L (mm)	A (mm)			
65315	1/16	46	15	0,9		
65316	5/64	50	18	2,0		
65317	3/32	60	20	3,0		
65318	1/8	65	23	5,0		
65319	5/32	75	29	10		
65320	3/16	85	33	15		
65321	7/32			25		
65322	1/4	95	38	30	10	
65323	5/16	100	44	60		
65324	3/8	120	50	105		
65325	7/16	130	55	135		
65326	1/2	140		170		
65327	9/16	155	70	260		
65328	5/8	170	75	370		
65329	3/4	200		650		
67614	7/8	240	90	950		
67615	1	260		1250	5	
67616	1.1/8	270	110	1750		
67617	1.1/4	320	120	3050		
67618	1.5/8	380	150	5700	1	

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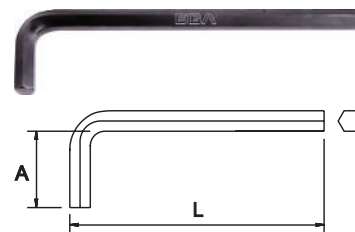
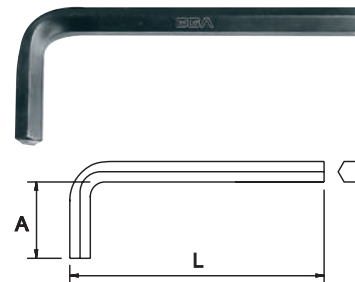
CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

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

MM

COD.		L (mm)	A (mm)			
61517	1,5	65	15	1,0		
61518	2	75	18	2,0		
61519	2,5	85	20	4,0		
61520	3	95	23	7,0		
67298	3,5	100	25	10		
61521	4	105	29	15		
67299	4,5	115	30	19		
61522	5	120		25		
61523	5,5	130	33	35		
61524	6	140	38	40		
61557	7	150	41	60		
61525	8	160	44	80	10	
65330	9	170	47	115		
61526	10	180	50	140		
65331	11	190	55	200		
65332	12	200		260		
67300	13	210	65	300		
67301	14	230	70	400		
67302	15			460		
67303	16	240	75	500		
67304	17	260	80	650		
67305	19	280	90	850		
67306	22	310	100	1300	1	



COD.		L (mm)	A (mm)			
67307	24	360	115	1750	1	-

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CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

INCH

COD.		L (mm)	A (mm)			
68900	1/16	80	14	1,6	10	•
68901	5/64	80	16	2,7		
68902	3/32	85	17	4,5		
68903	7/64	90	18	6,6		
68904	1/8	95	19	8,3		
68905	9/64	100	20	11		
68906	5/32	105	21	14		
68907	3/16	115	24	23		
68908	7/32	125	26	32		
68909	1/4	135	29	50		
68910	5/16	150	32	80	6	•
68911	3/8	170	35	135		
68912	7/16	190	38	210		
67671	1/2	210	43	370		
67672	5/8	250	50	690		
67653	3/4	290	55	1300		
67654	7/8	350	65	1750		
67655	1	400	70	2300		
67656	1.1/8	450	85	3750		
67657	1.1/4	490	140	5800	1	-
67673	1.1/2	550	150	7100		
67658	1.5/8	570	160	8800		
67659	1.3/4					

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CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

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

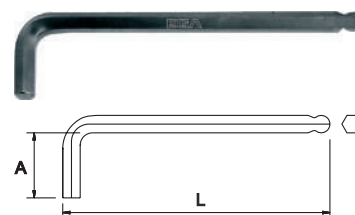
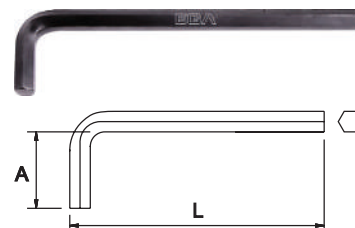
MM

COD.		L (mm)	A (mm)			
61615	1,5	65	15	1,0	10	•
61616	2	75	18	2,0		
61617	2,5	85	20	3,0		
61618	3	95	23	5,0		
61619	4	105	29	10		
61620	5	120	33	15		
61621	5,5	130	38	25		
61622	6	140	40	30		
67493	7	150	44	60		
61623	8	160	45	110	1	•
67494	9	170	50	140		
61624	10	180	55	250		
67495	12	200	60	400		
67496	14	230	67	650		
67497	17	260		850		
67498	19	280				

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CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



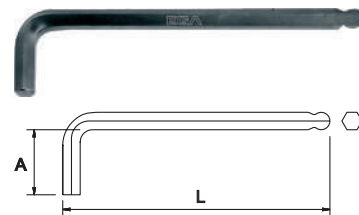
INCH

COD.		L (mm)	A (mm)			
68914	1/16	75	14	1,6		
68915	5/64	80	16	2,7		
68916	3/32	85	17	4,5		
68917	7/64	90	18	6,6		
68918	1/8	95	19	8,3		
68919	9/64	100	20	11		
68920	5/32	105	21	14	10	●
68921	3/16	115	24	23		
68922	7/32	125	26	32		
68923	1/4	135	29	50		
68924	5/16	150	32	80		
68925	3/8	170	35	135		
68926	7/16	190	38	210		

ISO 2936 | DIN 911

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

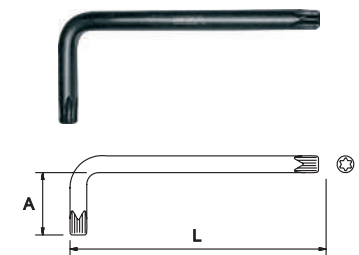
Cr-V



LLAVES TORX® / TORX® KEYS / CLÉS TORX® / TORX® INBUSSCHLÜSSEL / CHIAVI TORX® / CHAVES TORX® / КЛЮЧ TORX®

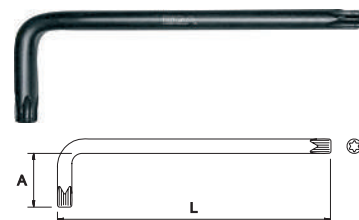
STANDARD

COD.		L (mm)	A (mm)			
67801	T-6					
67802	T-7					
67803	T-8	41	14	2,5		
67804	T-9					
65333	T-10	49	16	3,5		
65334	T-15	56	17	5,0		
65335	T-20	62	19	7,5	10	●
65336	T-25	70	20	9,5		
65337	T-27	75	24	15		
65338	T-30	85	29	20		
65339	T-40	95	34	32		
65340	T-45	110	39	44		
65341	T-50	125	41	65		



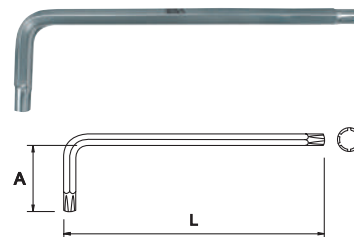
SERIE LARGA / LONG PATTERN / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ДЛИННЫЙ

COD.		L (mm)	A (mm)			
65342	T-10	90	17	6,0		
65343	T-15	95	18	9,0		
65344	T-20	100	19	12		
65345	T-25	105	20	16		
65346	T-27	110	21	24	10	●
65347	T-30	120	24	31		
65348	T-40	130	26	46		
65349	T-45	140	28	65		
65350	T-50	160	32	90		



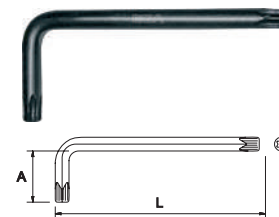
■ LLAVES RIBE® / RIBE® WRENCHES / CLÉS RIBES® / RIBE® SCHLÜSSEL / CHIAVE RIBE® / CHAVES RIBE® / КЛЮЧИ RIBE®

COD.		L (mm)	A (mm)			
65975	M4	145	22	16	10	●
65976	M5	150	24	26		
65977	M6	160	30	42		
65978	M7	175	32	80		
65979	M8	185	40	90		
65980	M10	220	55	150		



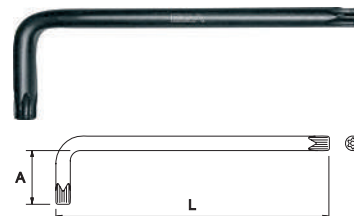
■ LLAVES TAMPER TORX® / TAMPER TORX® KEYS / CLÉS TAMPER TORX® / TAMPER TORX® INBUSSCHLÜSSEL / CHIAVI TAMPER TORX® / CHAVES TAMPER TORX® / КЛЮЧ ТАМПЕР ТОРХ®

COD.		L (mm)	A (mm)			
56973	TT6	38	14	2.5	10	
56974	TT7	41		2,5		
56544	TT8					
56545	TT9	49	16	3,5		
56546	TT10					
56547	TT15	56	17	5		
56548	TT20	62	19	7,5		
56549	TT25	70	20	9,5		
56550	TT27	75	24	15		
56551	TT30	85	29	20		
56552	TT40	95	34	32		
56553	TT45	110	39	44		
56554	TT50	125	41	65		



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

COD.		L (mm)	A (mm)			
56556	TT10	90	17	6	10	●
56557	TT15	95	18	9		
56558	TT20	100	19	12		
56559	TT25	105	20	16		
56560	TT27	110	21	24		
56561	TT30	120	24	31		
56562	TT40	130	26	46		
56563	TT45	140	28	65		
56564	TT50	160	32	90		



■ JUEGOS / SETS / ASSORTIMENTS / SÄTZE / ASSORTIMENTI / JOGOS / НАБОРЫ

COD.	PCS.			
61600	10	400	10	●
Composición / Composition / Composition				
61502-61504-61505-61506-61508-61509-61510-65306-65519-65308		2-3-4-5-6-8-10-11-13-14		●



COD.	PCS.			
61767	15	650	10	●
Composición / Composition / Composition				
61502-61504-61505-61506-61508-61509-61510-65306-65519-65310-65311-65313		2-3-4-5-6-7-8-9-10-11-12-13-17-19-22		●

- * Para tornillos RIBE® (Marca registrada por Richard Bergner Verbindungstechnik GmbH & Co. KG) / *For screws RIBE® (Richard Bergner Verbindungstechnik GmbH & Co. KG registered trademark) / *Pour vis RIBE® (Marque enregistrée par Richard Bergner Verbindungstechnik GmbH & Co. KG)
- * 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.	PCS.			
58717	15	2400	10	●

Composición / Composition / Composition

65315, 65316, 65317, 65318, 65319, 65320, 65321, 65322, 65323, 65324, 65325, 65326, 65327, 65328, 65329	1/16 - 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 3/4	
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COD.	PCS.			
58719	15	3200	10	●

Composición / Composition / Composition

68900, 68901, 68902, 68904, 68905, 68906, 68907, 68908, 68909, 68910, 68911, 68912, 67671, 67672, 67653	1/16 - 5/64 - 3/32 - 1/8 - 9/64 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 5/8 - 3/4	
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COD.	PCS.			
69987	7	600	6	●

Composición / Composition / Composition

65975, 65976, 65977, 65978, 65979, 65980	M4, M5, M6, M7, M8, M9, M10	
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COD.	PCS.			
61499	8	105	12	●

Composición / Composition / Composition

61501, 61502, 61503, 61504, 61505, 61506, 61507, 61508	1,5-2-2,5-3-4-5-5,5-6 mm	
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COD.	PCS.			
61500	10	270	12	●

Composición / Composition / Composition

61501, 61502, 61503, 61504, 61505, 61506, 61507, 61508, 61509, 61510	1,5-2-2,5-3-4-5-5,5-6-8-10 mm	
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COD.	PCS.			
61516	10	270	12	●

Composición / Composition / Composition

65315, 65316, 65317, 65318, 65319, 65320, 65321, 65322, 65323, 65324	1/16"-5/64"-3/32"-1/8"-5/32"-3/16"-7/32"-1/4"-5/16"-3/8"	
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COD.	PCS.			
61512	7	330	12	●

Composición / Composition / Composition

Descripción / Description / Description

61519, 61520, 61521, 61522, 61524, 61525, 61526	Serie larga / Long serie	2,5-3-4-5-6-8-10 mm	
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COD.	PCS.			
61496	10	360	12	●

Composición / Composition / Composition

Descripción /
Description /
Description

61615, 61616, 61617, 61618, 61619, 61620, 61621, 61622, 61623, 61624	Serie larga / Long serie	1,5-2-2,5-3-4-5-5,5-6-8-10 mm	
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COD.	PCS.			
61495	10	360	12	●

Composición / Composition / Composition	Descripción / Description / Description
68914, 68915, 68916, 68918, 68920, 68921, 68922, 68923, 68924, 68925	Serie larga / Long serie 1/16"-5/64"-3/32"-1/8"-5/32"-3/16"-7/32"-1/4"-5/16"-3/8"

COD.	PCS.			
65351	9	250	12	●

Composición / Composition / Composition	Descripción / Description / Description
65333, 65334, 65335, 65336, 65337, 65338, 65339, 65340, 65341	T10-T15-T20-T25-T27-T30-T40-T45-T50

COD.	PCS.			
65665	9	300	6	●

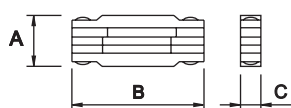
Composición / Composition / Composition	Descripción / Description / Description
65342, 65343, 65344, 65345, 65346, 65347, 65348, 65349, 65350	Serie larga / Long serie T10-T15-T20-T25-T27-T30-T40-T45-T50

COD.	PCS.			
65650	9	250	12	●

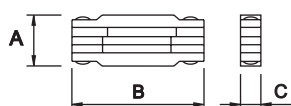
Composición / Composition / Composition	Descripción / Description / Description
56546, 56547, 56548, 56549, 56550, 56551, 56552, 56553, 56554	TT10-TT15-TT20-TT25-TT27-TT30-TT40-TT45-TT50

COD.	PCS.			
56566	9	300	6	●

Composición / Composition / Composition	Descripción / Description / Description
56556, 56557, 56558, 56559, 56560, 56561, 56562, 56563, 56564	Serie larga / Long serie TT10-TT15-TT20-TT25-TT27-TT30-TT40-TT45-TT50

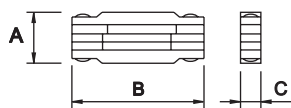


COD.	PCS.	A (mm)	B (mm)	C (mm)	Composición / Composition / Composition			
61511	8	39	120	32	2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	290	12	●

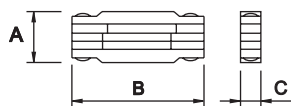


COD.	PCS.	A (mm)	B (mm)	C (mm)	Composición / Composition / Composition			
61514	6	21	95	32	2,5 - 3 - 4 - 5 - 6 - 8 mm	160	12	●





COD.	PCS.	A (mm)	B (mm)	C (mm)	Composición / Composition / Composition				
61513	6	33	90	17	T10-T15-T20-T25-T27-T30	90	12	•	



COD.	PCS.	A (mm)	B (mm)	C (mm)	Composición / Composition / Composition				
56567	6	33	90	17	TT10-TT15-TT20-TT25-TT27-TT30	90	12	•	



COD.	PCS.	Composición / Composition / Composition	COD. PCS.				
65352	8	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 mm	61501, 61502, 61503, 61504, 61505, 61506, 61508, 61509	140	12	•	
65353		5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16	65316, 65317, 65318, 65319, 65320, 65321, 65322, 65323	150			
65354		T9-T10-T15-T20-T25-T27-T30-T40	67804, 65333, 65334, 65335, 65336, 65337, 65338, 65339	140			
56568		TT9-TT10-TT15-TT20-TT25-TT27-TT30-TT40	56545, 56546, 56547, 56548, 56549, 56550, 56551, 56552				



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