8

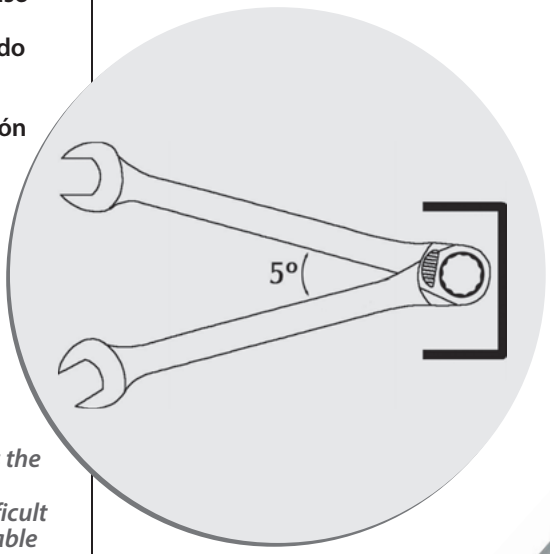
LLAVES
WRENCHES
CLÉS
SCHLÜSSEL
CHIAVI
CHAVES
КЛЮЧИ

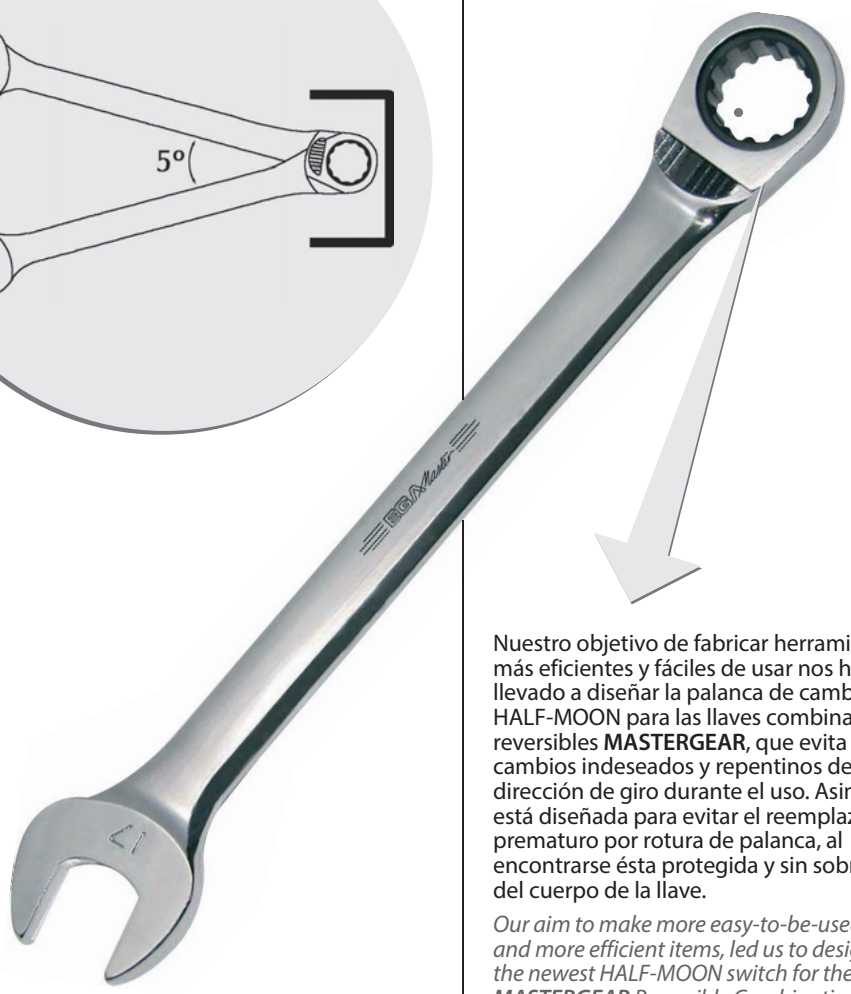
8 LLAVE COMBINADA REVERSIBLE MASTERGEAR
REVERSIBLE MASTERGEAR COMBINATION WRENCH
CLÉS MIXTES REVERSIBLES MASTERGEAR

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 apretes 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 conception exclusive 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, requerrant 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.

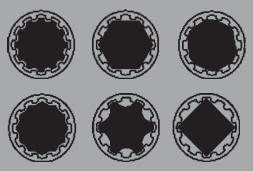
*Our aim to make more easy-to-be-used and more efficient items, led us to design the newest HALF-MOON switch for the **MASTERGEAR** Reversible Combination Wrenches, which avoids unwanted or unconscious switch reversing as well as premature damage of the switch. Besides, this switch is designed to avoid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

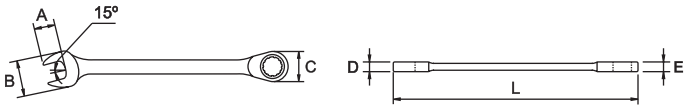
Son dessin innovateur en étoile, permet de serrer de multiples et différentes têtes de vissage , telles que Spline, 6 pans, 12 pans, E-Torx et carrées, y compris des têtes arrondies á 50% par usure.



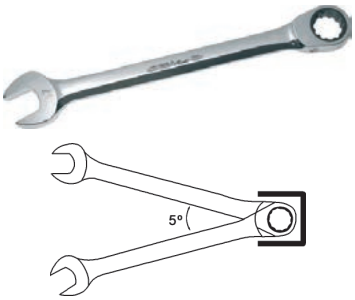
MASTERGEAR

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

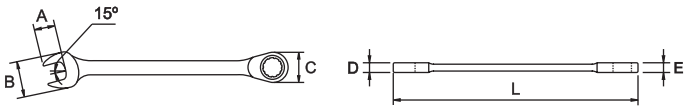


DIN 1711 | Modelo registrado / *Registered model* / Modèle enregistré

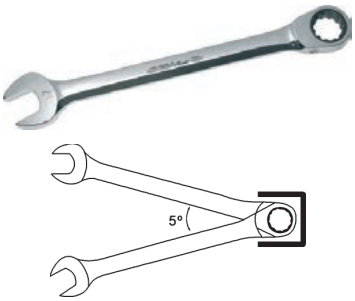
CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

INCH



COD.	AF 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	10	●	A
62667	3/8	160	12	22	21	5,7	8,4	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	10,0	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	5		
62675	7/8	280	26	46	41	10,0	13,5	340			
62676	15/16	300	27	48	45	11,0		450			



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 polido* / Полированный хром

SET

MM

COD.		PCS.	g
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
62775	1/4"-1/4"

MM

COD.		PCS.	g
69865	A	6	800

Composición / *Composition* / Composition	
62651, 62653, 62655, 62656, 62660, 62662	8-10-12-13-17-19 mm

MM

COD.		PCS.	g
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
62775	1/4"-1/4"

MM

COD.		PCS.	g
69869	A	12	1800

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

INCH

COD.		PCS.	g
51453	A	10	1000

Composición / *Composition* / Composition	
62666, 62667, 62668, 62669, 62672, 62673	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
62775	1/4"-1/4"

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

INCH

COD.		PCS.	g
51454	A	6	800

Composición / *Composition* / Composition	
62666, 62667, 62668, 62669, 62672, 62673	5/16"-3/8"-7/16"-1/2"-11/16"-3/4"

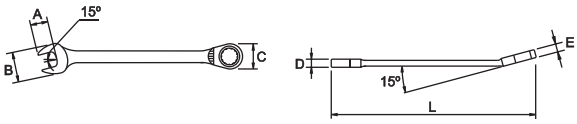
SET DEMO-BLOCK

COD.	mm		g
64502	13	●●●●●●●	300

MASTERGEAR REV.

LLAVE COMBINADA DE CARRACA REVERSIBLE MASTERGEAR / *REVERSIBLE MASTERGEAR COMBINATION RATCHET WRENCH* / **CLÉ MIXTE A CLIQUET RÉVERSIBLE MASTERGEAR** / *UMKEHRBARE RATSCHEN-GABELSCHLÜSSEL* / **CHIAVE COMBINATA A CRICCO REVERSIBILE MASTERGEAR** / *CHAVE DE BOCA E LUNETA DE ROQUETE REVERSIVEL MASTERGEAR* / **КЛЮЧ РЕВЕРСИВНЫЙ ТРЕЩЕТОЧНЫЙ КОМБИНИРОВАННЫЙ MASTERGEAR**

MM



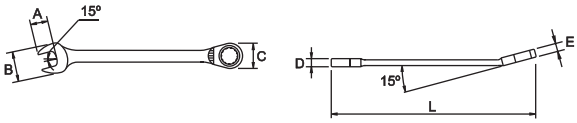
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g			
62680	8	145	9,5	17	18	4,7	7,4	50			
62681	9	150	10	19	19	5,3		55			
62682	10	160	11	22	21	5,7	8,4	60			
62683	11	165	12	23	22	6,1		80			
62684	12	175	13	25	23	6,4		90			
62685	13	180	15	26	25	6,6		100	10		
62686	14	190	16	29	26	7,3		120			
62687	15	200	17	31	28	7,5		130		●	A
62688	16	210	18	33	29	7,7	10,0	150			
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			
62693	22	280	25	46	41	10,0	13,5	340	5		
62694	24	300	26	48	45	11,0		450			

DIN 1711 | **Modelo registrado** / *Registered model* / **Modèle enregistré**

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES
Cr-V
Reversible / *Reversible* / Réversible

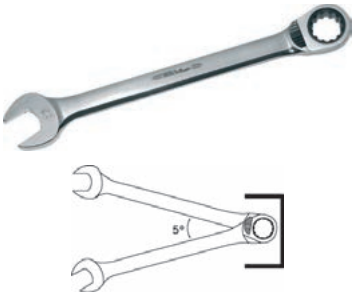
A Cromado pulido espejo / *Mirror polished chrome plating* / Polie chromée / *Verchromt geschliffen* / Cromate lucide / *Cromado polido* / Полированный хром

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g			
62695	5/16	145	9,0	17	18	4,7	7,4	50			
62696	3/8	160	12	22	21	5,7	8,4	60			
62697	7/16	165		23	22	6,1		80			
62698	1/2	180	14	26	25	6,6		100	10		
62699	9/16	190	16	29	26	7,3		120			
62700	5/8	210	18	33	29	7,7	10,0	150		●	A
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	13,5	340	5		
62705	15/16	300	27	48	45	11,0		450			

DIN 1711 | Modelo registrado / *Registered model* / Modèle enregistré



CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES
Cr-V
Reversible / *Reversible* / Réversible

SET

MM

COD.		PCS.	g
69866	A	10	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
62775	1/4"-1/4"

MM

COD.		PCS.	g
69867	A	6	800

Composición / *Composition* / Composition	
62680, 62682, 62684, 62685, 62689, 62691	8-10-12-13-17-19 mm

MM

COD.		PCS.	g
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
62775	1/4"-1/4"

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

MM

COD.		PCS.	g
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.	g
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
62775	1/4"-1/4"

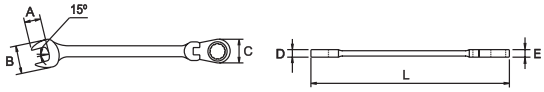
INCH

COD.		PCS.	g
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"

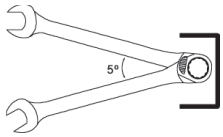
MASTERGEAR ARTICULADA / *MASTERGEAR JOINT* / MASTERGEAR ARTICULÉE / *RATSCHEN-RINGGABELSCHLÜSSEL MIT VERSTELLBAREM KOPF* / MASTERGEAR SNODATA / *MASTERGEAR ARTICULADA* / MASTERGEAR ШАРНИР

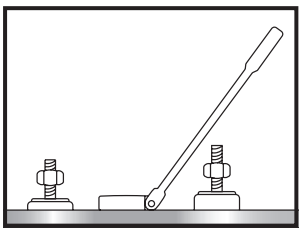
MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g			
61530	8	145	9,5	17	18	4,7	7,4	60	10	●	A
61531	9	150	10	19	19	5,3		65			
61532	10	155	11	22	21	5,7	8,4	70			
61533	11	165	12	23	22	6,1		90			
61534	12	170	13	25	23	6,4		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	21	38	32	8,4	11,5	210			
61541	19	250		39	34	8,7		240			
61542	21	270	24	43	38	9,5	12,5	250	5		
61543	22	280	25	46	41	10,0	13,5	350			
61544	24	300	26	48	45	11,0		460			

DIN 1711 | Modelo registrado / *Registered model* / Modèle enregistré

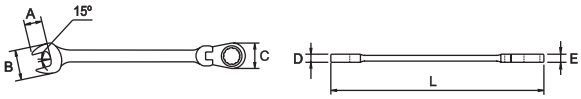




CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES
Cr-V

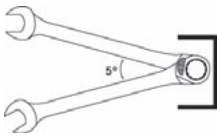
A Cromado pulido espejo / *Mirror polished chrome plating* / Polie chromée / *Verchromt geschliffen* / Cromate lucide / *Cromado polido* / Полированный хром

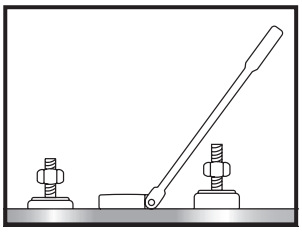
INCH



COD.	AF 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	12	22	21	5,7	8,4	70			
61547	7/16	165		23	22	6,1		90			
61548	1/2	180	14	26	25	6,6		110	10		
61549	9/16	190	16	29	26	7,3		130			
61550	5/8	210	18	33	29	7,7	10,0	170		●	A
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	5		
61555	15/16	300	27	48	45	11,0		460			

DIN 1711 | Modelo registrado / *Registered model* / Modèle enregistré





CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

SET

MM

COD.		PCS.		COD.	(mm)
69105	A	6	90080	61530, 61532, 61534, 61535, 61539, 61541	8-10-12-13-17-19
69106	A	8	90081	61530, 61532, 61534, 61535, 61536, 61539, 61541, 61543	8-10-12-13-14-17-19-22
69107	A	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.	(inch)
69101	A	6	90080	61546, 61547, 61548, 61549, 61550, 61552	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 3/4
69102	A	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	A	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.	g
68525	A	10	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	
62775	1/4"-1/4"	

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

MM

COD.		PCS.	g
68526	A	6	800

Composición / *Composition* / Composition	
61530, 61532, 61534, 61535, 61539, 61541	8-10-12-13-17-19 mm

MM

COD.		PCS.	g
68527	A	16	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
62775	1/4"-1/4"

MM

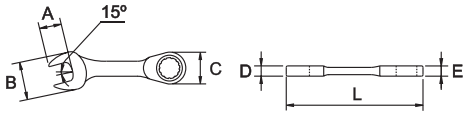
COD.		PCS.	g
68528	A	12	1800

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

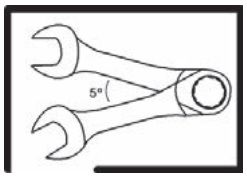
LLAVE COMBINADA DE CARRACA SERIE CORTA / *STUBBY MASTERGEAR COMBINATION RATCHET WRENCH* / **CLÉ MIXTE À CLIQUET COURTE MASTERGEAR** / *RATSCHENRINGGABELSCHLÜSSEL STUBBY* / **CHIAVE COMBINATA A CRICCO SERIE CORTA MASTERGEAR** / *CHAVE DE BOCA E LUNETA ROQUETE SERIE CURTA MASTERGEAR* / **КЛЮЧ КОРОТКИЙ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

MM



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

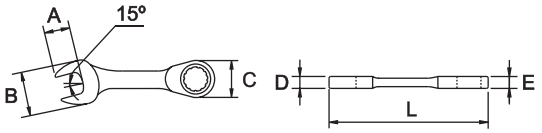
DIN 1711 | Modelo registrado / *Registered model* / Modèle enregistré



CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES
Cr-V

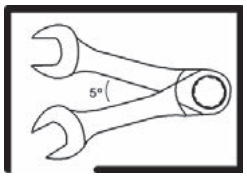
A Cromado pulido espejo / *Mirror polished chrome plating* / Polie chromée / *Verchromt geschliffen* / Cromate lucide / *Cromado polido* / Полированный хром

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g			
62722	5/16	90	9,0	17	17	4,0	7,4	29			
62723	3/8	100	12	21	22	4,5	8,4	44			
62724	7/16	105		22	23	5,0		60			
62725	1/2	110	14	25	26	6,0		70	10	●	A
62726	9/16	115	16	26	30			80			
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

SET

MM

COD.		PCS.	g
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	
62775	1/4"-1/4"	

MM

COD.		PCS.	g
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 / *ADAPTER* / ADAPTATEUR / *VERBINDUNGSTEILE* / ADATTATORE / *ADAPTADOR* / АДАПТЕР

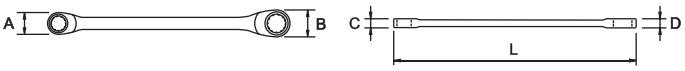
COD.	Descripción / *Description* / Description			L (mm)	g		
62772	Adaptador macho / *Male adapter* / Adaptateur male	1/4"-10 mm	-	20	12	6	●
62773		3/8"-17 mm		28	39		
62774		1/2"-19 mm		35	65		
62775	Adaptador hembra / *Female adapter* / Aptateur femelle	-	1/4"-1/4"	25	10		

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

MASTERGEAR DOUBLE

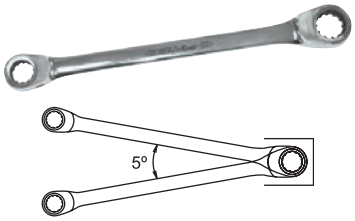
LLAVE DE CARRACA DOBLE MASTERGEAR / *MASTERGEAR DOUBLE RATCHET WRENCH* / CLÉ À DOUBLE CLIQUET MASTERGEAR / *MASTERGEAR DOPPEL KNARRE RINGSCHLÜSSEL* / CHIAVE DOPPIA A CRICCO / *CHAVE DE ROQUETE DUPLO MASTERGEAR* / MASTERGEAR КЛЮЧ С ДВОЙНОЙ ТРЕЩЕТКОЙ

MM



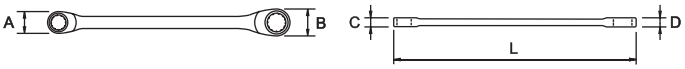
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
63280	8-9	185	18	21	7,4	8,4	60	8	●	A
63281	10-11	200	21	22	8,4		90			
63282	12-15	225	23	28			135			
63283	13-14	250	25	26			150			
63284	16-18	270	29	32	10	11,5	250			
63285	17-19	290	30	34						
63286	21-24	320	38	45	12,5	13,5	470	5		

DIN 1711 | Modelo registrado / *Registered model* / Modèle enregistré



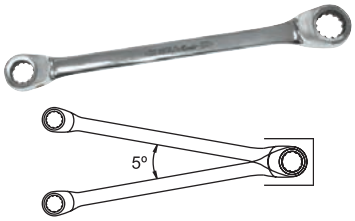
CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES
Cr-V

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
63288	5/16-3/8	185	18	21	7,4	8,4	60	8	●	A
63289	3/8-7/16	200	21	22	8,4		90			
63290	1/2-9/16	250	25	26			150			
63291	11/16-3/4	290	30	34	10,0	11,5	250			
63292	13/16-15/16	320	38	45	12,5	13,5		5		

DIN 1711 | Modelo registrado / *Registered model* / Modèle enregistré



CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES
Cr-V

SET

MM

COD.		PCS.		COD.	(mm)
69990	A	6	90056	63280, 63281, 63282, 63283, 63284, 63285	8-9, 10-11, 12-15, 13-14, 16-18, 17-19

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

EXPOSITORES MASTERGEAR / *MASTERGEAR DISPLAYS* / PRÉSENTOIRS MASTERGEAR / *MASTERGEAR AUSSTELLUNGSSTAND* / ESPOSITORE MASTERGEAR / *EXPOSITORES MASTERGEAR* / ДИСПЛЕЙ С КЛЮЧАМИ MASTERGEAR

186 PCS.

MM

COD.		PCS.
55650	A	186

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

MM

COD.		PCS.
55651	A	186

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

MM

COD.		PCS.
55652	A	186

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

180 PCS.

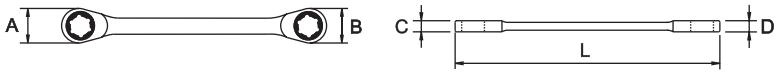
MM

COD.		PCS.
65970	A	180

PCS.	COD.		
20	62653	10 mm	MASTERGEAR
	62655	12 mm	
	62656	13 mm	
16	62660	17 mm	
14	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.	AF	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
62734	E6 x E8	120	18	18	7,4	7,4	49	10	●	A
62735	E10 x E12	135		19		8,4	60			
62736	E14 x E16	180	22	25	8,4		105	8		
62737	E18 x E20	200	26	29		10,0	145	10		
62738	E22 x E24	220	30	34	10,0	11,5	210			

DIN 1711 | Modelo registrado / *Registered model* / Modèle enregistré

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES
Cr-V

SET

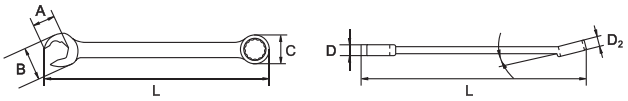
MM

COD.		PCS.	COD.	Composición / *Composition* / Composition	g
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

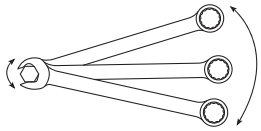
LLAVE COMBINADA RÁPIDA / *RAPID COMBINATION WRENCH* / CLÉ MIXTE RAPIDE / *RINGGABELSCHLÜSSEL RAPID* / CHIAVE COMBINATA RAPIDA / *CHAVE BOCA E LUNETA DE RETOMA RAPIDA* / БЫСТРЫЙ КОМБИНИРОВАННЫЙ КЛЮЧ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	D2 (mm)	g			
62740	8	140	6,5	18	15	5	7	32	10	●	A
62742	10	160	8,0	22	17	6	8	55			
62743	11	170	9,5	24	19			70			
62744	12	175	10	26	20	7	9	80			
62745	13	180	11	28	21			90			
62746	14	195	12	31	23	8	10	110			
62747	15	210		33	24			135			
62748	16							150			
62749	17	230	14	37	27	9	12	170			
62750	18										
62751	19	250	16	41	30	10	13	220	5		
62752	20										
62753	21	270	17	45	32	11	14	290			
62754	22	300		47	34			320			
62755	23		19	50				350			
62756	24	320						395			
62757	26	340	21	55	37		16	470			

DIN 1711

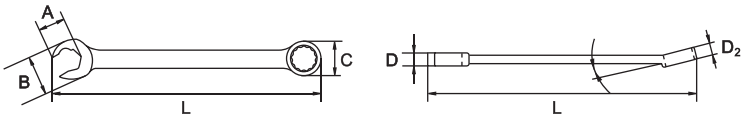


Acción carraca / *Ratchet action* / Action à cliquet

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES
Cr-V
Acción carraca / *Ratchet action* / Action à cliquet

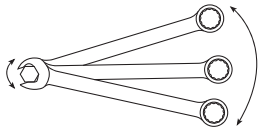
A Cromado pulido espejo / *Mirror polished chrome plating* / Polie chromée / *Verchromt geschliffen* / Cromate lucide / *Cromado polido* / Полированный хром

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	D2 (mm)	g			
62759	3/8	160	8	22	17	6	8	55	10		
62760	7/16	170	9,5	24	19			70			
62761	1/2	180	11	28	21	7	9	90			
62762	9/16	195	12	31	23	8	10	110			
62763	5/8	210		33	24			150			
62764	11/16	230	14	37	27	9	12	170		●	A
62765	3/4	250	16	41	30	10	13	220			
62766	13/16	270	17	45	32	11	14	290	5		
62767	7/8	300		47	34			320			
62768	15/16	320	19	50				395			
62769	1	340	21	55	37		16	470			

DIN 1711



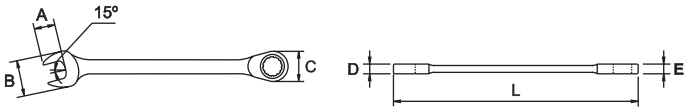
Acción carraca / *Ratchet action* / Action à cliquet

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES
Cr-V
Acción carraca / *Ratchet action* / Action à cliquet

CLASSICGEAR

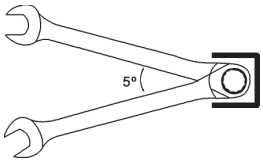
LLAVE COMBINADA DE CARRACA CLASSICGEAR / *CLASSICGEAR COMBINATION RATCHET WRENCH* / CLÉ MIXTE À CLIQUET CLASSICGEAR / *RATCHEN-RINGGABELSCHLÜSSEL CLASSICGEAR* / CHIAVI COMBINATE A CRICCO CLASSICGEAR / *CHAVE DE BOCA E LUNETA DE ROQUETE CLASSICGEAR* / CLASSICGEAR КОМБИНИРОВАННЫЙ КЛЮЧ С ТРЕЩЕТКОЙ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g			
63788	6	114	10	17	17	4,2	7	41	10		
63805	7										
63790	8	130		20	19	4,7	7,7	49			
63791	9										
63792	10	150	12	24	21	5,3	8,2	59			
63793	11	170	14	26	23	5,9	8,5	80			
63794	12	190	15	30	26	6,5	9,4	110			
63795	13		16								
63796	14	200	17	31	29	7,1	9,7	140			
63797	15										
63798	16	220	19	37	32	7,7	10,8	195		●	A
63799	17		20								
63800	18	240	21	41	35	8,3	11,3	230			
63801	19										
63802	21	250	22	44	39	8,9	11,8	280	8		
63803	22		23								
63804	24	270	26	50	44	9,4	12,3	360			
63926	27	290		55	48	10,2	13,1	520			
63927	30	320	32	60	55	11,2	14,1	650			
63928	32	390	36	65		12,4	15,8	940			

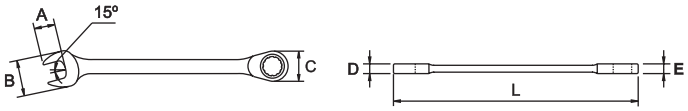
DIN 1711



CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES
Cr-V

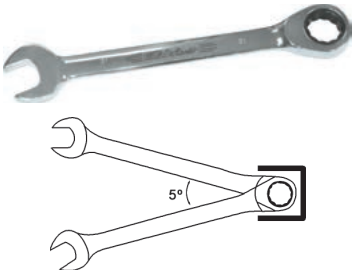
A Cromado pulido espejo / *Mirror polished chrome plating* / Polie chromée / *Verchromt geschliffen* / Cromate lucide / *Cromado polido* / Полированный хром

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	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		21								
63813	3/4	240		41	35	8,3	11,3	230			
63814	13/16	250	22	44	39	8,9	11,8	280	8		
63815	7/8		23								
63816	1	290	31	50	44	10,2	13,1	440			

DIN 1711



CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

SET

MM

COD.		PCS.		COD.	(mm)
68230	A	6	90056	63790, 63792, 63794, 63795, 63799, 63801	8, 10, 12, 13, 17, 19
68231		12	90083	63790, 63791, 63792, 63793, 63794, 63795, 63796, 63797, 63798, 63799, 63800, 63801	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

INCH

COD.		PCS.		COD.	(inch)
68232	A	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

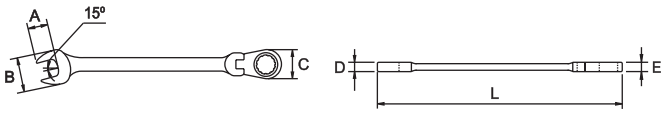
A Cromado pulido espejo / *Mirror polished chrome plating* / Polie chromée / *Verchromt geschliffen* / Cromate lucide / *Cromado polido* / Полированный хром

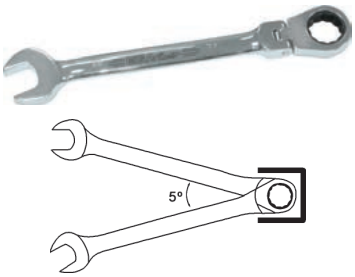
NATO OTAN
Commercial and Government Entity (NCAGE) Code / Código 8552B
TÜVRheinland CERTIFICADO
Management System ISO 9001:2015 ISO 14001:2015
www.tuv.com ID 0910098046
to the Management Quality

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 ПОВРОТНОЙ ТРЕЩЕТКОЙ

MM





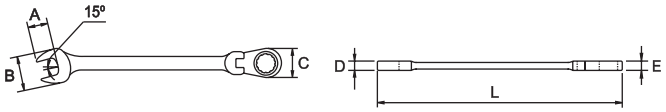
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g			
63833	6	124	10	17	17	4,2	7	50	10	●	A
63817	7										
63818	8	140		20	19	4,7	7,7	55			
63819	9										
63820	10	160	12	24	21	5,3	8,2	70			
63821	11	175	14	26	23	5,9	8,5	95			
63822	12	190	15	30	26	6,5	9,4	130			
63823	13		16								
63824	14	210	17	31	29	7,1	9,7	170			
63825	15										
63826	16	230	19	37	32	7,7	10,8	220			
63827	17		20								
63828	18	250	21	41	35	8,3	11,3	260			
63829	19										
63830	21	260	22	44	39	8,9	11,8	310	8		
63831	22		23								
63832	24	270	26	50	44	9,4	12,3	390			
63930	27	290		55	48	10,2	13,1	540			
63931	30	320	32	60	55	11,2	14,1	670			
63932	32	390	36	65		12,4	15,8	1040			

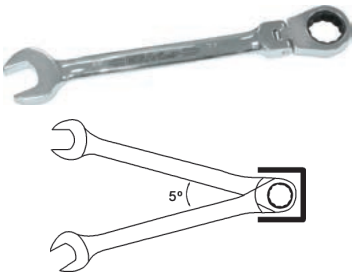
DIN 1711

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

INCH





COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g			
63834	5/16	140	10	20	19	4,7	7,7	50	10	●	A
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			
63840	11/16		20								
63841	3/4	250	21	41	35	8,3	11,3	260			
63842	13/16	260	22	44	39	8,9	11,8	310	8		
63843	7/8		23								
63844	1	290	31	50	44	10,2	13,1	390			

DIN 1711

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

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

SET

MM

COD.		PCS.		COD.	(mm)
68234	A	6	90056	63818, 63820, 63822, 63823, 63827, 63829	8, 10, 12, 13, 17, 19
68235	A	12	90083	63818, 63819, 63820, 63821, 63822, 63823, 63824, 63825, 63826, 63828, 63829, 63827	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

INCH

COD.		PCS.		COD.	(inch)
68236	A	6	90056	63834, 63835, 63836, 63837, 63840, 63841	5/16 - 3/8 - 7/16 - 1/2 - 11/16 - 3/4
68237	A	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

EXPOSITORES CLASSICGEAR / *CLASSICGEAR DISPLAYS* / PRÉSENTOIRS CLASSICGEAR / *CLASSICGEAR AUSSTELLUNGSSTAND* / ESPOSITORE CLASSICGEAR / *EXPOSITORES CLASSICGEAR* / ДИСПЛЕЙ С ГАЕЧНЫМИ КЛЮЧАМИ CLASSICGEAR

186 PCS.

MM

COD.		PCS.
55653	A	186

PCS.	COD.		
20	63790	8 mm	CLASSICGEAR
	63792	10 mm	
	63793	11 mm	
	63794	12 mm	
	63795	13 mm	
	63796	14 mm	
	63797	15 mm	
16	63798	16 mm	
	63799	17 mm	
14	63801	19 mm	

MM

COD.		PCS.
55654	A	186

PCS.	COD.		
20	63818	8 mm	CLASSICGEAR ART. / *CLASSICGEAR JOINT*
	63820	10 mm	
	63821	11 mm	
	63822	12 mm	
	63823	13 mm	
	63824	14 mm	
	63825	15 mm	
16	63826	16 mm	
	63827	17 mm	
14	63829	19 mm	

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

180 PCS.

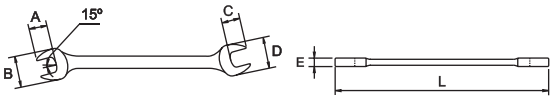
MM

COD.		PCS.
65971	A	180

PCS.	COD.		
20	63792	10 mm	CLASSICGEAR
	63794	12 mm	
	63795	13 mm	
16	63799	17 mm	
14	63801	19 mm	
20	63820	10 mm	CLASSICGEAR ART. / *CLASSICGEAR JOINT*
	63822	12 mm	
	63823	13 mm	
16	63827	17 mm	
14	63829	19 mm	

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

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g			
67963	4-4,5	100	9,0	13	9,0	14	3,4	10	5	●	B
67965	4-5										
67967	5-5,5			14		16					
67907	5,5-7	125	9,5	16	10	18	3,9	20			
61701	6-7							22			
62928	7-8				11			25			
61702	8-9	140	10	19		21	5,5	38			
67908	8-10							40			
61703	10-11	155	11	21		24		50			
62629	10-13	175		26		28		55			
67909	11-13										
61704	12-13		12	28				70			
67910	12-14		14		15						
67911	13-14										
67912	13-15	190		30		32	6,0	100			
67913	13-16	210				33					
61705	14-15						7,0	110			
67914	13-17					34					
62930	14-17			33		36					
61706	16-17			35	16			130			
67915	16-18										
61700	17-19		17	39	18	41	8,0	160			
61707	18-19	220	18								
67916	18-21		19		22	42		200			
62931	19-22	230		43		47					
61708	20-22										
61709	21-23	240	23	47	23	50	9,0	250			
63961	21-24	250									
67917	22-24										
61710	24-26	260	27	50	30	55		330			
61652	24-27	270									
61711	25-28		30					420			
61712	27-29	290		55	34	65	10	430			
67918	27-30	300	34		35			460			

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

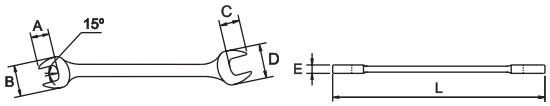
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g			
67919	27-32	320	34	60	35	65	10	460	5	●	B
61713	30-32						11	500			
67970	36-41		36	80	42	70	12	850			
67920	38-42	360	42	85		75		900			
67972	41-46	370		90	47	80	13	1200			
67974	46-50	400	47	100	50	90	14	1500			

DIN 3110

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g			
60315	3/16-7/32	105	4	14	5	15	3,7	15	10	●	A
60300	1/4-5/16	120	8,0		9,0	17	3,6	22			
60301	5/16-3/8	140	10	20	12	22	3,8	38			
67941	5/16-11/32		11				4				
67931	11/32-13/32	145	12	22							
60302	3/8-7/16	160	13		13	24	5,5	50			
67942	7/16-1/2	175		26	15	28		55			
60303	1/2-9/16		14	27				60			
60304	9/16-5/8	190	17	30	17	33		70			
60305	19/32-11/16	200	18	35	19	38	6,0	85			
60306	5/8-11/16				18			115			
67943	5/8-3/4	210	19		20	36	7,0	125	5		
60307	11/16-3/4	220		38	21	40	6,0	130			
60308	3/4-25/32		21	39		41	6,5	160			
67934	3/4-13/16	230		44			7,0	190			
60309	3/4-7/8				24	48		200			
60310	13/16-7/8		25	45	28	50	7,5	250			
67944	7/8-15/16	250		47				260			
60311	15/16-1	260	26	50		60	8,0	330			
67945	15/16-1.1/8	280			29			370			
67939	1-1.1/16			55	28			390			
60312	1-1.1/8				30			420			
60313	1.1/16-1.1/8		28		31		8,5	430			
60314	1.1/16-1.1/4	320	35	60	36	65	10	500			
67940	1.1/8-1.1/4	300		70				550			
67961	1.3/16-1.5/16										
67968	1.3/8-1.1/2	320	36			70		650	1		
67946	1.7/16-1.5/8				42	80	12	850			

DIN 3110

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

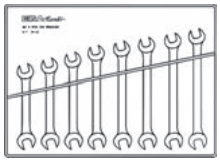
Cr-V

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

SET

MM

COD.		PCS.		COD.	(mm)
69248	B	6	90052	61701, 61702, 61703, 61704, 61705, 61706	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
69249	B	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	B	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	B	12	90055	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.	(inch)
69310	A	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	A	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	A	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

MM

COD.		PCS.	COD.	(mm)
68453	B	6	61701, 61702, 61703, 61704, 61705, 61706	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
69446	B	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	B	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

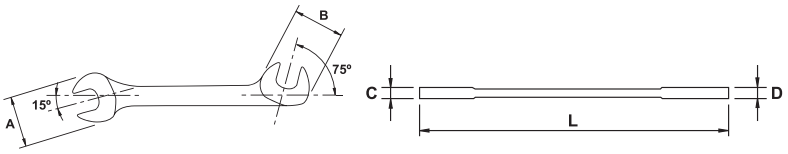
INCH

COD.		PCS.	COD.	(inch)
68467	A	6	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
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
68468	A	10	60300, 60301, 60302, 60303, 60304, 60306, 60310, 60311, 603121, 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
69453	A	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

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

LLAVES FIJAS MICROMECÁNICAS A 15º Y 75º / *15º AND 75º MICROMECH OPEN END WRENCHES* / CLÉS À FOURCHES MICROMÉCANIQUES À 15º ET 75º / *DOPPEL-MAULSCHLÜSSEL ELEKTRIKER 15° UND 75° MAULEINSTELLUNG* / CHIAVI FISSE MICRO MECCANICHE A 15º Y 75º / *CHAVES DE BOCAS MICROMECÂNICAS DE 150 E 750* / ГАЕЧНЫЕ КЛЮЧИ MICROMECH НА 15 И 75 ГРАДУСОВ

MM

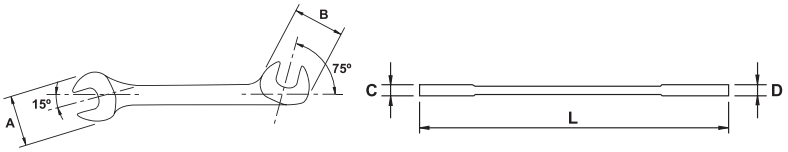


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
58520	3,2mm	70	10	10	2.4	2.4	6	20	●	B
58521	4mm									
58522	4,5mm	75	13	13			8			
58523	5mm									
58524	5,5mm									
58525	6mm	80	15	15	2.7	2.7	10			
58526	7mm									
58527	8mm	90	19	19	3	3	16			
58528	9mm									
58529	10mm	100	22	22			22			
58530	11mm									
58531	12mm	120	27	27	3.5	3.5	36			
58532	13mm									
58533	14mm									
58534	15mm	139.4	33	33	5	5	68			
58535	16mm									
58536	17mm									

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
58537	5/32"	70	10	10	2.4	2.4	6	20	●	B
58538	3/16"	75	13	13			8			
58539	7/32"									
58540	1/4"	80	15	15	2.7	2.7	10			
58541	9/32"									
58542	5/16"	90	19	19	3	3	16			
58543	11/32"									
58544	3/8"	100	22	22			22			
58545	7/16"									
58546	1/2"	120	27	27	3.5	3.5	36	10		
58547	9/16"									
58548	5/8"	139.4	33	33	5	5	68			
58549	11/16"									

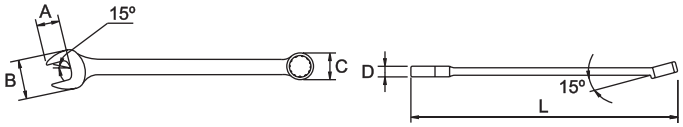
CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

B Cromado aeroespacial / *Aerospatial chrome plating* / Chromée aérospatiale / *Verchromt aerospatiale* / Cromate satinate / *Cromado fosco aerospacial* / Матовый хром

LLAVES COMBINADAS / *COMBINATION WRENCHES* / CLÉS MIXTES / *RINGGABELSCHLÜSSEL* / CHIAVI COMBINATE / *CHAVES BOCA E LUNETA* / КОМБИНИРОВАНЫЕ КЛЮЧИ

MM



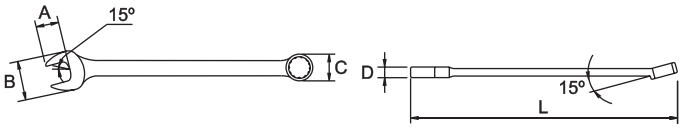
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
63965	3,2	70	3,7	11	10	3,0	8,0			
63966	4	65		8,5	8,0		9,0			
67880	4,5	70	4,0	9,0	8,5		10			
63967	5	80	4,5	11	9,0		16			
67881	5,5	100	7,0	14	11					
61725	6			16	12	3,3				
61726	7	110				3,6	20			
61727	8	120	10	18	13	4,5	25			
61728	9	130		19	15	5,0	30			
61729	10	140	11	21	17	5,5	38			
61730	11	160	12	23	18		45	10		
61731	12		14	25	19	6,5	52			
61732	13		15	27	20		70			
61733	14	180	16	29	21		75			
61734	15	190		32	23		90			
61735	16	200		33	24				•	
61736	17	210	18	35	26	7,5	110			
61737	18		21	38		8,0	135			
61738	19	230		39	29		160			
61739	20	240	23	41	30		180			
61740	21	250	24	46	31		210			
61741	22	260	25	48	33		220			
61742	23		26		35		260			
61743	24	280		49			280			B
61744	25	300	29	50	36	9,0	290			
61745	26			55	37		360			
61746	27	330	32		41	10	420	5		
61747	28	340		60	42	11	450			
61748	29			65			500			
61749	30		33		43		550			
61750	32	350	34		47		600			
57062	33	360		70	49	14				
60951	34	385		75	52					
57063	35	380	35				650			
60952	36	405	36	80	55	15	900			
57064	37	400		75	60	14	800			
60953	38	410	38	83	58	16	1000			
67895	40	450	41	88	63	17	1300			
60954	41									
57065	42	440	42	85	60	16	1200	1	-	
57066	44	500	46	90	65		1500			
60955	46			96	70	18	1800			
57067	48	530	48	100	75	19	2200			
60956	50	535	50	105	76		2300			
67882	55	600	60		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

B Cromado aeroespacial / *Aerospatial chrome plating* / Chromée aérospatiale / *Verchromt aerospatiale* / Cromate satinate / *Cromado fosco aerospacial* / Матовый хром

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
67953	3/16	95	5,0	14	9,0	3,0	8,0			
67954	7/32									
61653	15/64	100	6,5			3,8	16			
60340	1/4									
67885	9/32	110	7	20	12,5	4	17			
60341	5/16	120	9,0	17	12	4,5	25			
67878	11/32	130	10	19	15	5,5	28			
60342	3/8	140	11	26	16		38			
58460	13/32	142,5	10	27	17	5				
60343	7/16	170	14	26	20	6,0	45			
58461	15/32	162,5	12	32		5,5	58			
60344	1/2	180	15	29	21	6,5	70	10		
58462	17/32	182,5	14	35	23		76			
60345	9/16	180	16	29	21	7,0	75			
60346	19/32	190		31	23	7,5	90			
60347	5/8	200	17	32	25					
58463	21/32	212,5		42	27	8	126		●	
60348	11/16	220	19	37	28	8,0	130			
58464	23/32	222,5	18	44	28,5	9	138			
60349	3/4	220	20	37	28	8,0	160			
60350	25/32	240	22	41	31		180			
60351	13/16	250	23	43	32	8,5	210			
58465	27/32	252,5	21	50	33,5	10				
60352	7/8	280	24	48	35	8,5	220	5		A
58466	29/32	272,5	23	56	38	12	244	10		
60353	15/16	290	26	50	36	8,5	280	5		
58467	31/32	292,5	25	58	40	12	321	10		
60354	1	290	27	50	38	9,0	300			
60355	1.1/16	310	29	55	39		420			
60356	1.1/8	360	33	60	42	10	450	5		
60357	1.3/16				43	11	500			
60358	1.1/4	390	34		45		600			
60957	1.5/16	380	36	65	51	13				
60958	1.3/8	405		80	55	15	900			
60961	1.7/16									
60959	1.1/2	407	38	83	58	16	1000			
67840	1.9/16	410	39	80	60					
60962	1.5/8	446	41	88	63	17	1300			
67841	1.11/16	450		90	65					
60897	1.3/4	500	46	96	70	18	1800	1	-	
60898	1.13/16									
60899	1.7/8									
67842	1.15/16	550	50	105	75	19	2300			
60960	2	535			76					
60905	2.3/16"	600	55		80	20	2200			
61099	2.1/4"						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

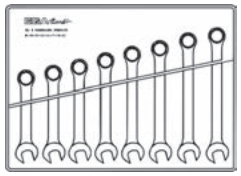
A Cromado pulido espejo / *Mirror polished chrome plating* / Polie chromée / *Verchromt geschliffen* / Cromate lucide / *Cromado polido* / Полированный хром

NATO OTAN Commercial and Government Entity (NCAGE) Code / Código 8552B
TÜVRheinland CERTIFICADO Management System ISO 9001:2015 ISO 14001:2015 www.tuv.com ID 0910098046
to the Management Quality

SET

MM

COD.		PCS.		COD.	(mm)
69262	B	6	90080	61727, 61729, 61731, 61733, 61736, 61738	8, 10, 12, 14, 17, 19
69263	B	8	90081	61727, 61729, 61731, 61732, 61733, 61736, 61738, 61741	8, 10, 12, 13, 14, 17, 19, 22
69277	B	10	90082	61727, 61728, 61729, 61730, 61731, 61732, 61733, 61736, 61738, 61741	8, 9, 10, 11, 12, 13, 14, 17, 19, 22
69278	B	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	B	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	14	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	B	14	90063	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	B	15	90061	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	B	17	90064	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	B	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	B	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.	(inch)
69330	A	6	90080	60342, 60343, 60344, 60345, 60347, 60349	3/8, 7/16, 1/2, 9/16, 5/8, 3/4
69331	A	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	A	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	A	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	13	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	A	14	90063	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	A	15	90061	60342, 60343, 60344, 60345, 60347, 60348, 60349, 60351, 60352, 60353, 60354, 60355, 60356, 60357, 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, 1.3/16, 1.1/4
69335	A	17	90064	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

MM

COD.		PCS.	COD.	(mm)
68457	B	6	61727, 61729, 61731, 61733, 61736, 61738	8, 10, 12, 14, 17, 19
69450	B	8	61727, 61728, 61729, 61730, 61731, 61733, 61736, 61738	8, 9, 10, 11, 12, 14, 17, 19
68456	B	10	61727, 61728, 61729, 61730, 61731, 61732, 61733, 61736, 61738, 61741	8, 9, 10, 11, 12, 13, 14, 17, 19, 22
69451	B	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.	(inch)
68469	A	6	60342, 60343, 60344, 60345, 60347, 60349	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 3/4
69454	A	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	A	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	A	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

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

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

165 PCS.

MM

COD.		PCS.
55656	B	165

PCS.	COD.	
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.

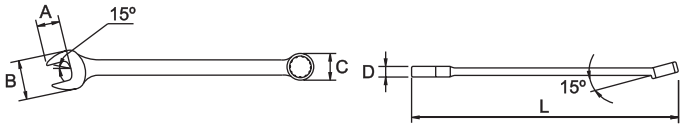
INCH

COD.		PCS.
55657	A	162

PCS.	COD.	
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"

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			
56406	7	140		15	12	5,5	20			
56407	8	150	10	18	14	6	30			
56408	9	160		20	15	6,5	35			
56409	10	170	11	22	16	7	50			
56410	11	180	12	24	18	7,5	55			
56411	12	195	14	26	19	8	65	10	●	B
56412	13	210	15	27	21	8,5	95			
56413	14	220	16	30	22	9,5	115			
56414	15	230		32	23	10	120			
56415	16	240		34	24	11	160			
56416	17	250	18	37	27	12	190			
56417	18	270	21	38	28		195			

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

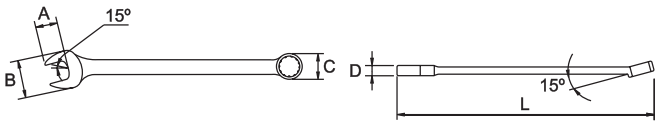
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
56418	19	280	21	40	29	13	260	10		
56419	20	290	23	42	30		300			
56420	21	300	24	43	32	14	320			
56421	22	310	25	45			330	5		
56422	23	330	26	46	34	15	380			
56423	24	340		50	36	16	450			
56424	25	350	29	53	37	17	530		●	B
56425	26	370		54	38	18				
56426	27	390	32	56	40					
56427	28			57	41	19	760			
56428	29	410		59	43	20				
56429	30	420	33	60	44		820			
56430	32	440	34	65	47	21	1000			

DIN 3113

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
56432	3/4	280	19	40	29	8,5	260	10		
56433	13/16	300	21	43	32	9	320			
56434	7/8	310	22	45	33	9,5	330	5		
56435	15/16	340	24	50	36	10	440			
56436	1	350	25	53	37	11	530		●	A
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			

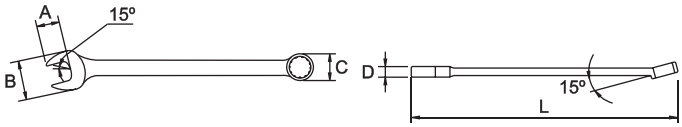
DIN 3113

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

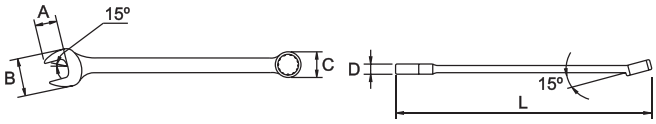


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Kg		
55324	56	550	55	110	85	18	2.44		
55300	70	650	75	145	115	24	4,2		
55301	75								
55302	80	700	85	160	120	26	5,4	1	-
55303	85								
55304	90	750	95	180	140	27	7,1		
55305	95								
55306	100	800	105	195	150		8,4		

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

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Kg		
55307	105	800	105	195	150	27	8,4	1	-
55308	110	850	115	210	165	28	9,8		
55309	115								
55310	120	900	125	230	180		12,1		
55311	125								

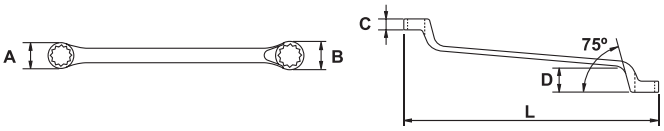
INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Kg		
55322	2.3/4	650	75	145	115	24	4,2	1	-
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				
55323	3.7/8	850	115	210	165	28	8,4		
55316	4								
55317	4.1/4						9,8		
55318	4.1/2								
55319	4.3/4	900	125	230	180		12,1		
55320	5								

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

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
61774	5,5-6	165	11	12	4,5	19	45	10	●	B
61775	6-7	170			6,5		50			
67843	7-8	180	13	16		17	55			
61776	8-9		15	17			65			
67844	8-10				7,0		55			
61777	10-11	200	17	19	7,5	22	85			
67845	10-12									
67846	10-13	220	19	20	9,0					
67847	11-13						90			
67848	11-14						110			
61778	12-13									
67849	12-14		21	21		23	120			
67850	13-14						125			
61779	14-15	240		24	9,5	25	140			
67851	13-16	250		23	10					
67852	13-17						155			
67853	14-17				11		160			
61780	16-17	260	25	27			180			
67854	16-18		27		12		200			
67855	17-19	290		29	13		220			
61781	18-19		28			27		8		

B Cromado aeroespacial / *Aerospatial chrome plating* / Chromée aérospatiale / *Verchromt aerospatiale* / Cromate satinate / *Cromado fosco aerospacial* / Матовый хром

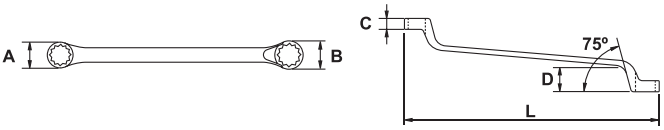
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
67856	18-21	320	31	33	13	26	270	8	●	B
67857	19-22						280			
61782	20-22		32	34		29	360	5		
61783	21-23	330	35	39	15	30	400			
67858	21-24		36				410			
67859	22-24						450			
61784	24-26	340		41			490			
61788	24-27		37	42		31				
61785	25-28	350	39	43		32	600			
61786	27-29									
67860	27-30	360	41	44	16		650			
61787	30-32	370	44	47		33	700		-	
67861	32-36	400	55	48	18	38	750			
67862	34-36	420		50	19	41	900			
61789	36-41	550	70	75		49	1100			
67863	41-46	460	65	60	21	45	1600			
61790	46-50	550	70	75	20	50	2000			

DIN 838

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

INCH



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

DIN 838

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

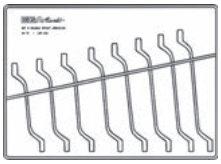
Cr-V

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

SET

MM

COD.		PCS.		COD.	(mm)
69255	B	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		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



INCH

COD.		PCS.		COD.	(inch)
69320	A	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		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.	(mm)
68463	B	6	61778, 61775, 61776, 61777, 61779, 61780	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
68464		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.	(inch)
68471	A	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		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

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

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

165 PCS.

MM

COD.		PCS.
55658	B	165

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

162 PCS.

INCH

COD.		PCS.
55659	A	162

PCS.	COD.	
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

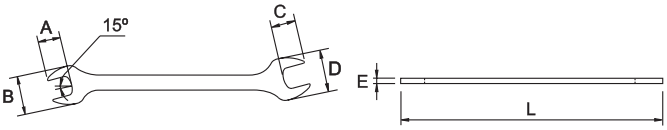
COD.	g
69342	300

COD.		mm
61727	Aerospacial / *Aerospatial*	8
38092	INOX	
73062	1000V	
70172	Cu-Be	
70684	Al-Bron	
71669	Titanio / *Titanium*	

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

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

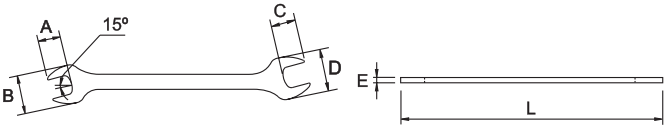


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g			
56200	6 x 7	150	7	17	8	20	2,2	21			
56201	8 x 9	175	9	21	10	25	2,6	40			
56202	10 x 11		11		12						
56203	12 x 13	210	13	29	14	34	3,6	85			
56204	14 x 15		16		17				10	●	B
56205	16 x 17	250	18	38	18	43	4,6	170			
56206	18 x 19		20		21						
56207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

ISO 3318

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES
Cr-V

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g			
56210	1/4 x 5/16	150	7	17	8	20	2,2	21			
56211	5/16 x 3/8	175		21		25	2,6	40			
56212	3/8 x 7/16		11		12						
56213	7/16 x 1/2	210	13	29	14	34	3,6	85			
56214	1/2 x 9/16		16		17				10	●	B
56215	5/8 x 11/16	250	18	38	18	43	4,6	170			
56216	11/16 x 3/4		20		21			175			
56217	13/16 x 7/8	290	24	49	26	55	5,6	330			

ISO 3318

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES
Cr-V

SET

MM

COD.		PCS.		COD.	(mm)	(inch)
56226	B	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	

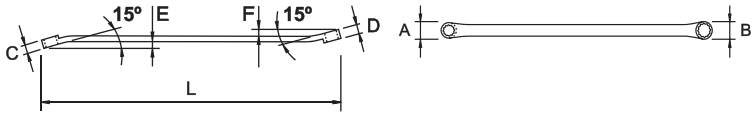
B Cromado aeroespacial / *Aerospatial chrome plating* / Chromée aérospatiale / *Verchromt aerospatiale* / Cromate satinate / *Cromado fosco aerospacial* / Матовый хром

INCH

COD.	PCS.		COD.	(mm)	(inch)
56228	B 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 15º / *SLIM DOUBLE RING WRENCHES 15º BENT* / CLÉS POLYGONALE DOUBLE EXTRA-FINES COMPENSÉES À 15º / *DOPPEL-RINGSCHLÜSSEL DÜNN 15° GEKRÖPFT* / CHIAVI POLIGONALI A DUE BOCCHE A 15° / *CHAVE DE LUNETA EXTRA-FINA DE 15º* / ТОНКИЕ КЛЮЧИ ДВОЙНАЯ ЗВЕЗДОЧКА С ИЗГИБОМ НА 15º

MM

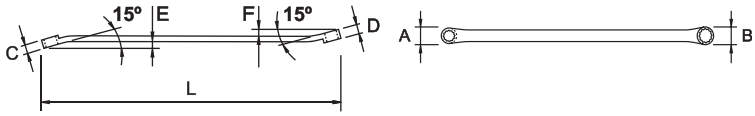


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	g			
58904	6-7	205	11	14	6,5	8	4	4	50	10	●	B
58905	8-9	235	13	16	7,5		4,5	6	70			
58906	10-11	290	16	19	8	8,5	5	6,5	120			
58907	12-13	328	19	23	10	11	8		160			
58908	14-15	368	22		11	12	6	6	250			
58909	16-17	388	24	28	12,5	14	5	5	300			
58910	18-19	408	28	29	14	14,5			400			

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	205	11	14	6,5	7,5	4,0	4,0	50	10	●	B
56231	1/4-5/16											
56232	5/16-3/8	235	13	16		8,0	4,5	6,0	70			
56233	3/8-7/16	290	16	19	8,0	9,0	5,0	5,5	120			
56234	1/2-9/16	330	19	21	10	11	8,0	6,5	160			
58911	5/8-11/16	390	25	27	13	14	5	5	300			
58912	11/16-3/4	410	27	29	14	15			400			

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

B Cromado aeroespacial / *Aerospatial chrome plating* / Chromée aérospatiale / *Verchromt aerospatiale* / Cromate satinate / *Cromado fosco aerospacial* / Матовый хром

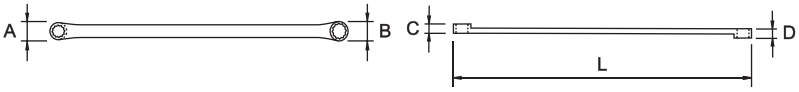
SET

INCH

COD.		PCS.		COD.	(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

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 BOCCHE EXTRAFINE / *CHAVE DE LUNETA PLANA EXTRA-FINA* / ТОНКИЕ ПЛОСКИЕ КЛЮЧИ ДВОЙНАЯ ЗВЁЗДОЧКА

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	10	●	B
56236	1/4-5/16									
56237	5/16-3/8	235	13	16		8.0	75			
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

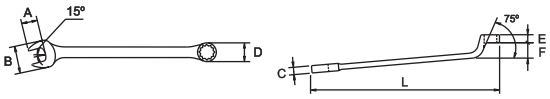
SET

INCH

COD.		PCS.		COD.	(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	10	●	B
60741	7	125	10	20	4,0	13	6,5	5,5	25			
60742	8	140	11	23	4,5	14	7,5	6,0	23			
60743	9	145				15		7,0	40			

B Cromado aeroespacial / *Aerospatial chrome plating* / Chromée aérospatiale / *Verchromt aerospatiale* / Cromate satinate / *Cromado fosco aerospacial* / Матовый хром

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	g			
60744	10	150	12	23	4,5	16	8,0	7,5	43			
60745	11	170	14	27	5,0	18	8,5	8,0	65			
60746	12	185	15	30	5,5	20	9,0	8,5				
60747	13	190	16			21	9,5	12	90			
60748	14	200		31	6,0	22	10	16	95			
60749	15	210	18	35		24		18	115	10		
60750	16	230	19	38	8,0	26	12	20	130			
60751	17	250	20		8,5	27			170			
60752	18	260	21	40		29		21	175			
60753	19	280	22	43		31	13	23	240			
60755	21	290	23	46	9,0	33		24	250		●	B
60756	22	300		47		34	14	25	270			
60757	23		24						320			
60758	24	320	26	49	9,5	36		26	350			
60759	25	340	28	50		38		30	380			
60760	26	350			10				420	5		
60761	27	360	29	55		39			410			
60762	28	370	30	60		42	16	32	470			
60763	29	380	32		11	45	18	34	550			
60764	30	400	33	65		46			600			
60765	32	410	34	70		47		35	750			

DIN 3113-B

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

SET

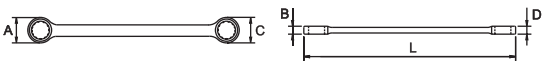
MM

COD.	PCS.		COD.	(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

B

ESTRELLA PLANA / *DOUBLE ENDED FLAT RING SPANNER* / POLYGONALE PLATE / *DOPPELRINGSCHLÜSSEL* / POLIGONALE DIRITTA / *LUNETA DIREITA* / ДВОЙНАЯ ИЗОГНУТАЯ 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			

B Cromado aeroespacial / *Aerospatial chrome plating* / Chromée aérospatiale / *Verchromt aerospatiale* / Cromate satinate / *Cromado fosco aerospacial* / Матовый хром

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
60782	30-32	335	48	14	45	14	530	5	●	B

DIN 837

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

SET

COD.	PCS.		COD.	(mm)
68589	B 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	B 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®*

N!

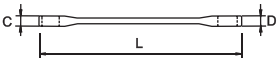
COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
57718	6x8	113	9	11	4.5	5.5	20	10	●	A
57719	7x11	127	12	16	6	7	29			
57720	10x12	142	14	17	6.5	8	31			
57721	14x18	182	17	21	8	10	75			
57722	16x22	204	19	26	9	12	115			
57723	20x24	224	25	29	11	13	160			

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

MEDIA LUNA / *HALF MOON* / DEMI-LUNE / *STARTER BLOCKSCHLÜSSEL* / A MEZZALUNA / *MEIA-LUNA* / ЗВЕЗДОЧКА МЕСЯЦЕМ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
57158	6-8	135	15	19	8,0	8,0	55	10	●	B
57159	8-10									
60795	11-13	150	20	23	9,0	9,0	90			
57160	13-15	175	25	28	10	10	110			
60796	13-17	185					120			
57161	14-16						160			
60797	14-17									
57162	17-19	210	28	31	11	11	210			
60798	19-22	230	31	35	12	12	280			
57163	21-22		32				300			

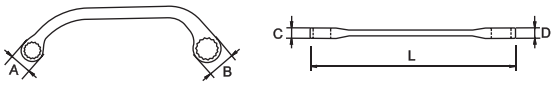
DIN 475

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

A Cromado pulido espejo / *Mirror polished chrome plating* / Polie chromée / *Verchromt geschliffen* / Cromate lucide / *Cromado polido* / Полированный хром
B Cromado aeroespacial / *Aerospatial chrome plating* / Chromée aérospatiale / *Verchromt aerospatiale* / Cromate satinate / *Cromado fosco aerospacial* / 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)

INCH



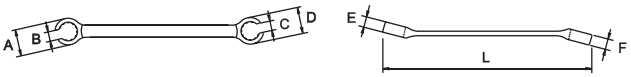
COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g			
57148	1/4- 5/16	135	15	19	8,0	8,0	55	10	●	B
57149	5/16- 3/8									
57150	7/16- 1/2	155	20	23	9,0	9,0	90			
57151	9/16- 5/8	185	25	28	10	10	160			
57152	11/16- 3/4	210	28	31	11	11	210			
57153	13/16- 7/8	230	32	35	12	12	300			

DIN 475

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES
Cr-V

PARA RACORES / *FLARE NUT* / POLYGONALE À TUYAUTER / *OFFENER DOPPELRINGSCHLÜSSEL* / CHIAVE PER RACCORDI / *LUNETAS ABERTAS COM BATENTE* / КЛЮЧ ДЛЯ КОНИЧЕСКИХ ГАЕК

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	g			
60785	8-10	145	19	6,0	7,5	21	7,5	9,0	45	10	●	B
60786	9-11	150	21	6,5	9,0	22	8,5		55			
60787	10-11			7,5		23						
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	210	31	14	15	34	12	13	165	8		
60791	19-22	230	34	18	17	39	14	16	200			
60792	22-24	250	39	17	18	41	15		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

SET

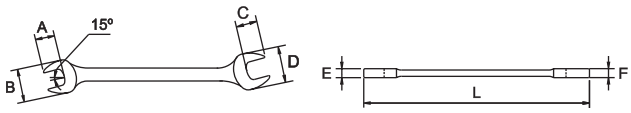
MM

COD.		PCS.		COD.	(mm)
68587	B	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

B Cromado aeroespacial / *Aerospatial chrome plating* / Chromée aérospatiale / *Verchromt aerospatiale* / Cromate satinate / *Cromado fosco aerospacial* / Матовый хром

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

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	g		
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	4,5	4,0	32		
60803	8-10	115	9,0		10	21		4,5	30		
60804	9-11	125	11	19	12	23	5,0	5,0	35		
60805	10-11			21							
60806	10-12	130		22	13	26			40		
60807	10-13					28	5,5	5,5			
60808	11-13	135	12	25					50		
60809	12-13				14						
60810	12-14	140		27		31			45	10	
60811	13-14	150							55		
60812	13-15		14	28	15		6,0	6,0	70		
60813	13-16										
60814	14-15			29	16	34		6,5	75		
60815	13-17	155							80		
60816	14-17	160			18	35					
60817	16-17		16	33			6,5		85		
60818	16-18			34					110		
60819	17-19	170		35	19	36	7,0	7,5	135		●
60820	18-19				20	38			130		
60821	18-21	180	18	36	22	39			140		
60822	17-22					44		8,0			
60823	19-22	190	19	37		45	8,0		170		
60824	20-22	195		38			8,5	8,5	165		
60825	19-24	210	20	39		46			180		
60826	21-23	220	22	44	23	48		9,0	200		
60827	21-24		23		24						
60828	22-24					49	9,0				
60829	22-27	240	24	48	25	50			240	5	
60830	24-27			49	26	55	9,5	10	260		
60831	25-28	250	25	50	28				350		
60832	24-30	260			29	60	10		340		
60833	27-30	270	26	55							
60834	27-32		28	60	30	65			400		
60835	30-32						11	11	450		
60836	30-34	290	29		32	70	12	12	500		
60837	30-36	300			35			13	600		
60838	32-36		30	65	36				650	1	-
60839	34-36	310	33	70	37	75			700		
60840	36-41	340	37	75	42	85	14	14	750		
60841	41-46	370	41	80	43	90	15		900		
60842	46-50	400	48	90	50	100		15	1500		
60843	50-55	450		100	55	110	16		1600		
60799	55-60	495		110		120	18	20	2150		
60766	65-70	580	65	140	70	140	23	23	3550		
60769	75-80	660	85	170	85	160	28	26	5600		

DIN 895

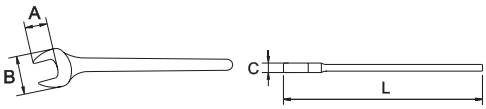
SET

MM

COD.	PCS.		COD.	(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 / *EINMAULSCHLÜSSEL* / FISSE SEMPLICE / *FIXA DE UMA BOCA* / ОДНОРОЖКОВЫЙ КЛЮЧ

MM



COD.	AF mm	L (mm)	AF inch	A (mm)	B (mm)	C (mm)	g		
60844	8	90	5/16	7,0	17	3,8	15		
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	10	
60851	15	150	-		32				
60852	16	155		16					
60853	17	160		17	34	6,5	60		•
60854	18	165		18	36				
60855	19	170	3/4	20	39	7,5	75		
60856	21	180	-	23	43	8,5	100		
60857	22	195	7/8		45		120		
60858	24	210	-		48	9,5	140		
60859	27	240	1.1/16	27	55	10	180		
60860	30	260	1.3/16	29	60		300		
60861	32	270	-	32	65	12	310		
60862	34	280	1.11/32	33	70	13	400	5	
60863	36	300	-	37		14	420		
60864	38	320	1.1/2	41	75				
60865	41	340	1.5/8	42	85		550		
60866	46	370	1.13/16	44	90	15	800		
60867	50	390	-	50	100	16	1050		
60868	55	440		55	110	17	1200		
60869	60	470	2.3/8	60	120		1550		-
60870	65	500	2.9/16		130	18			
62984	70	550	2.3/4		140	19	2250		
62985	75	600	-		150	20	2850		
62986	80	650		70	160	21	3600	1	
62987	85				170	22	3500		
62988	90	750			190	24	4800		
62989	95			75			4600		
63848	100	1000		105	220	29	7700		
63849	105						8000		

DIN 894

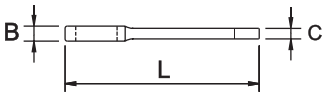
SET

MM

COD.	PCS.		COD.	(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 ASSURÉE / *SCHLAGRINGSCHLÜSSEL MIT SICHERUNG* / CHIAVI A BATTERE SICUREZZA TOTALE / *CHAVES DE LUNETA SÉRIE PANCADA DE SEGURANÇA TOTAL* / КОЛЬЦЕВОЙ УДАРНЫЙ КЛЮЧ-ЗВЕЗДОЧКА С ПОДВЕСОМ

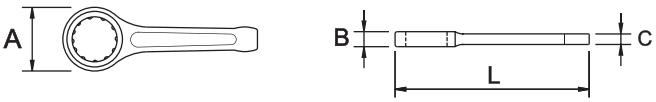
MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg	
AD574257	22	155	38	13	8	0,2	5
AD574267	23	165	42	14	8,5		
AD574277	24						
AD574287	25						
AD574297	26	175	46	16	9,5	0,3	
AD562957	27						
AD574307	28						
AD574317	29	185	50		11	0,4	
AD562967	30						
AD574327	31						
AD574337	32		55			0,5	
AD574347	33	210		18			
AD574357	34						
AD574367	35			19		0,6	
AD574377	36		60				
AD574387	37	220		20	12	0,7	
AD574397	38						
AD574407	41	225	65				
AD574417	42						
AD574427	45	240	75	22	13	1	
AD574437	46						
AD574447	47						
AD574457	48	250	80	23	14	1,2	1
AD574467	50						
AD574477	52						
AD574487	54	270	85	24		1,4	
AD574497	55						
AD574507	56						
AD574517	58		90	26	15	1,6	
AD574527	59						
AD574537	60						
AD574547	61						
AD574557	62						
AD574567	63	300	100	30	16	1,9	
AD574577	64						
AD562977	65						
AD574587	66						
AD574597	67	320	110	32	17	2,3	
AD574607	68						
AD574617	69						

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg	
AD574627	70						
AD574047	71	320	110	32	17	2,3	
AD574057	72						
AD574067	73						
AD574077	74	330	115	33	18	2,9	
AD574087	75						
AD585817	80	350	125	34	19	3,6	1
AD585827	85	360	130	36	20	3,9	
AD585837	90	380	135	39	23	5,0	
AD585847	95	390	145				
AD585857	100	410	150	43	25	6,0	
AD585867	105	420	155			6,5	
AD585877	110	450	170	45	28	8,0	
AD585887	115					9,5	

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg	
AD574657	7/8	155	38	13	8	0,2	
AD574667	15/16	165	42	14	9		
AD574677	1	175	46	16	10	0,3	
AD574687	1.1/16						
AD574697	1.1/8	185	50		11	0,4	
AD574707	1.3/16						
AD574717	1.1/4		55			0,5	5
AD574727	1.5/16	210		18			
AD574737	1.3/8		60	19			
AD574747	1.7/16						
AD574757	1.1/2	220		20	12	0,7	
AD574767	1.9/16	230	65				
AD574777	1.5/8						
AD574787	1.11/16						
AD574797	1.3/4	240	75	22	13	1	
AD574807	1.13/16						
AD574817	1.7/8						
AD574827	1.15/16	250	80	23	14		
AD574837	2						
AD574847	2.1/16	270	85	24		1,4	
AD574857	2.1/8						
AD574867	2.3/16						
AD574877	2.1/4		90	26	15	1,6	1
AD574887	2.5/16						
AD574897	2.3/8						
AD574907	2.7/16						
AD574917	2.1/2	300	100	28	16	2,3	
AD574927	2.9/16						
AD574937	2.5/8						
AD574947	2.11/16	320	110	32	17	2,5	
AD574957	2.3/4						

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

MM

COD.	Descripción / *Description* / Description	Válido para / *Valid for* / Valable pour
89129	Set 5 pcs hilo tórico / *Set of 5 o-ring cords* / Jeu de 5 pcs corde	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		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	Set 5 pcs hilo tórico / *Set of 5 o-ring cords* / Jeu de 5 pcs corde	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		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

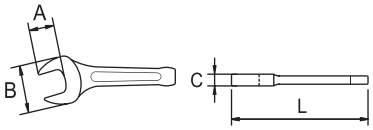
x5

MM / INCH

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

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

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
67423	17	125	19	41	12	0,1	5	●
67424	19							
67425	21	135	22	46		0,2		
67426	22							
60871	24	150	24	50		0,4		
60903	26	175	27	60	15			
60872	27							
60873	30	190	30	65	16	0,6		
60874	32		32					
67427	34	200	34	70	17			
60875	36	210	36	75		0,7		
67428	38	220	38	80	18	0,8		
60876	41	230	41	90		0,9		
60877	46	250	46	100	20	1,5		
60878	50	280	50	110	21	2		
67563	52							
67435	54	305	55	117	23			
60879	55	300		120				
67436	56	305		117				
60880	60	320	60	130		3		
60927	65	340	65	140	28	5		
60928	70	370	70	160	29			
60929	75	380	75			6		
60930	80	400	85	175	32	7		
60931	85							
60932	90	450	95	195	36	10		
60933	95					11		
60934	100	490	105	230	43	14	1	-
60935	105							
60936	110	500	115		45			
60937	115							
60938	120							
67429	125	550	125	250	50	19		
67430	130		135	270				
67431	135							
67432	140	650	145	290	55	24		
67433	145							
67434	150		150					
57050	155	645	160	310	60	27		
57051	160							
57052	165	705	170	330	65	30		
57053	170							
57054	175	720	180	350		33		
57055	180							
57056	185	755	190	370	70	39		
57057	190							
57058	195	760	200	390		46		
57059	200					50		

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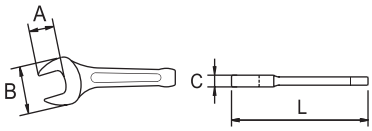
INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
67437	3/4	125	12	41	7	0,1	5	●
67438	7/8	135		47		0,2		
67439	15/16	150		50	8			
60966	1	165	14	60	9	0,4		
60967	1.1/16							
67440	1.1/8					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	12	0,7		
67443	1.7/16							
67444	1.1/2	220	18	80		0,8		
67445	1.9/16	230	19	90		0,9		
60970	1.5/8							
67446	1.11/16							
67447	1.3/4	250	20	100	13	1,2		
60971	1.13/16							
67448	1.7/8							
67449	1.15/16	280	21	110	14	1,4		
60972	2							
67450	2.1/16	310	23	120		1,8		
67451	2.1/8							
67452	2.3/16							
67453	2.1/4	320	24	130	15	2,1		
67454	2.5/16							
60973	2.3/8							
67455	2.7/16							
67456	2.1/2			135	16	2,9		
60974	2.9/16							
67457	2.5/8							
67458	2.11/16	330	26	140	17	3,6	1	-
60975	2.3/4							
67459	2.13/16							
67460	2.7/8	340	28	150	18	4		
60976	2.15/16							
60977	3							
67461	3.1/16	360	29	160	19	5,5		
60978	3.1/8							
58093	3.3/16	200	85	174	18			
67462	3.1/4	360	29	160	19			
67463	3.5/16							
67464	3.3/8							
67465	3.7/16	400	33	185	22	7		
67466	3.1/2							
67467	3.9/16							
67468	3.5/8							
67469	3.11/16							
60979	3.3/4							
67470	3.13/16	430	40	200	24	11		
67471	3.7/8							
67472	3.15/16							
60980	4							
67473	4.1/16							
60981	4.1/8							
67474	4.3/16							

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
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							
67484	4.15/16	550	50					
67485	5							
67486	5.1/4							
67487	5.5/16			270	30	18		
67488	5.3/8							
67489	5.1/2							
67490	5.3/4	650	55	290	32	24	1	-
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							

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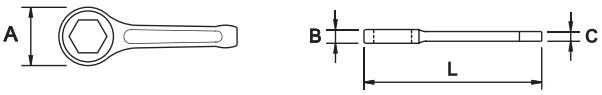
ESTRELLA DE GOLPE / *SLOGGING RING* / POLYGONALE À FRAPPER / *SCHLAG RINGSCHLÜSSEL* / POLIGONALE AD IMPULSO / *LUNETA DE IMPACTO* / УДАРНЫЙ КЛЮЧ ЗВЕЗДОЧКА

MM

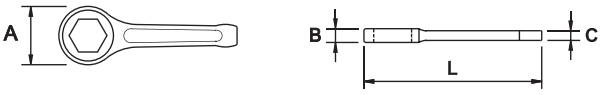


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
68927	17	145	32	12	7			
68928	19					0,2		
68929	22	155	38	13	8			
68930	24	165	42	14	9			
68931	27	175	46		10	0,3		
68932	30	185	50	16		0,4	5	●
68933	32		55		11	0,5		
68934	36	210	60	19		0,6		
68935	41	230	65	20	12	0,7		
68936	46	240	75	22	13	1		
68937	50	250	80	23	14	1,2		
68938	55	270	85	24		1,4		
68939	60		90	26	15	1,6	1	-
68940	65	300	100	30	16	1,9		

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
68941	70	320	105	32	17	2,3	1	-
68942	75	330	115	33	18	2,9		
68943	80	350	125	34	19	3,6		
68944	85	360	130	36	20	3,9		
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	60	32			
68951	150	570	220			14		
68952	160	590	240		33	16		

DIN 7444

INCH

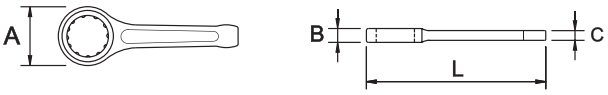


COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
68687	5/8	145	32	12	7	0,2	5	●
68614	3/4							
68615	7/8	155	38	13	8			
68616	15/16	165	42	14	9			
68617	1	175	46	16	10	0,3		
68618	1.1/16							
68619	1.1/8	185	50		11	0,4		
68620	1.3/16							
68621	1.1/4		55			0,5		
68622	1.5/16	210		18				
68623	1.3/8		60	19				
68624	1.7/16							
68625	1.1/2	220		20	12	0,7		
68626	1.9/16	230	65					
68627	1.5/8							
68628	1.11/16							
68629	1.3/4	240	75	22	13	1		
68630	1.13/16							
68631	1.7/8							
68632	1.15/16	250	80	23	14			
68633	2							
68634	2.1/16	270	85	24		1,4		
68635	2.1/8							
68636	2.3/16							
68637	2.1/4		90	26	15	1,6	1	-
68638	2.5/16							
68639	2.3/8							
68640	2.7/16							
68641	2.1/2	300	100	30	16	2,3		
68642	2.9/16							
68643	2.5/8							
68644	2.11/16	320	110	32	17	2,5		
68645	2.3/4							
68646	2.13/16							
68647	2.7/8	330	115	33	18	3,2		
68648	2.15/16							
68649	3							
68650	3.1/16	350	125	34	19	3,6		
68651	3.1/8							
68652	3.1/4	360	130	36	20	3,9		

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
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			
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		
68668	4.5/16	450		45	28		1	-
68669	4.3/8							
68670	4.1/2		170			9,6		
68671	4.9/16							
68672	4.5/8							
68673	4.11/16							
68674	4.3/4	480	180	50	30	11		
68675	4.13/16							
68676	4.7/8							
68677	4.15/16							
68678	5							
68679	5.1/4		200	55	31			
68680	5.5/16	520				12		
68681	5.3/8		210					
68682	5.1/2			60	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						5	●
60882	27	175	46		9,5			
67318	28					0,3		
67319	29		50	16				
60883	30	185				0,4		
67320	31							
60884	32		55		11			
67321	33			18		0,5		
67322	34	210						
67323	35		60	19				
60885	36					0,6		

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
67324	37	220	60	20	12	0,6	5	●
67325	38					0,7		
67274	39	215	61			0.6		
60886	41	225	65			0,7		
60887	42							
67326	45	240	75	22	13	1		
60888	46							
67327	47							
67422	48	250	80	23	14	1,2		
60889	50							
67328	52							
67329	54	270	85	24		1,4		
60890	55							
67330	56							
67331	58		90	26	15	1,6		
67332	59							
60891	60							
67333	61							
67334	62							
67335	63	300	100	30	16	1,9		
67336	64							
60939	65							
67337	66							
67338	67	320	110	32	17	2,3		
67339	68							
67340	69							
60940	70							
67341	71							
67342	72							
67343	73	330	115	33	18	2,9		
67499	74							
60941	75							
67344	76							
67345	77							
67346	78	350	125	34	19	3,6	1	
67347	79							
60942	80							
67348	82							
67492	84	360	130	36	20	3,9		
60943	85							
67349	88	380	135	39	23	5		
60944	90							
67350	94	390	145					
60945	95							
67351	98	410	150	43	25	6		
60946	100							
67308	102							
60947	105	420	155			6,5		
67309	107					7,0		
67368	108	450	170	45	28	8,0		
60948	110							
60949	115					9,5		
60950	120	480	180	50	30	10		
67352	125							
67353	130	510	195	55	31	12		
67354	135							
67355	140	520	210	60	32	14		
67356	145	570	220					
67357	150							
67358	155							
67359	160	590	240		33	16		
67360	165							

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
67361	170	650	270	65	34	25	1	-
67362	175							
67363	180	690	280	70	35	33		
67364	185							
67365	190							
67366	195	710	300	75		36		
67367	200							

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INCH

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
67369	1/2	100	24	9	5	0,1	5	●
67370	3/4	145	32	12	7	0,2		
67371	7/8	155	38	13	8			
67372	15/16	165	42	14	9			
60983	1	175	46	16	10	0,3		
60984	1.1/16							
67373	1.1/8	185	50		11	0,4		
60985	1.3/16							
60986	1.1/4		55			0,5		
67374	1.5/16	210		18				
61294	1.3/8		60	19				
67375	1.7/16							
61295	1.1/2	220		20	12	0,7		
61296	1.9/16	230	65					
60987	1.5/8							
67376	1.11/16							
67377	1.3/4	240	75	22	13	1		
60988	1.13/16							
67378	1.7/8							
67379	1.15/16	250	80	23	14			
60989	2							
67380	2.1/16	270	85	24		1,4		
67381	2.1/8							
67382	2.3/16							
67383	2.1/4		90	26	15	1,6		
67384	2.5/16							
60990	2.3/8							
67385	2.7/16							
67386	2.1/2	300	100	28	16	2,3	1	-
60991	2.9/16							
67387	2.5/8							
67388	2.11/16	320	110	32	17	2,5		
60992	2.3/4							
67389	2.13/16							
67390	2.7/8	330	115	33	18	3,2		
60993	2.15/16							
60994	3							
67391	3.1/16	350	125	34	19	3,6		
60995	3.1/8							
58071	3.3/16	355	124	36	20	3.6		
67392	3.1/4	360	130			3,9		
67393	3.5/16							
67394	3.3/8							
67395	3.1/2	380	135	39	23	4,8		
67396	3.9/16							

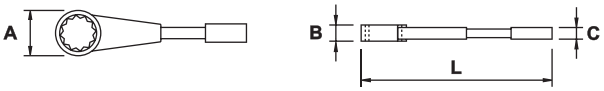
NATO OTAN Commercial and Government Entity (NCAGE) Code / Código 8552B
TÜVRheinland CERTIFICADO Management System ISO 9001:2015 ISO 14001:2015 www.tuv.com ID 0910098046
to the Management Quality

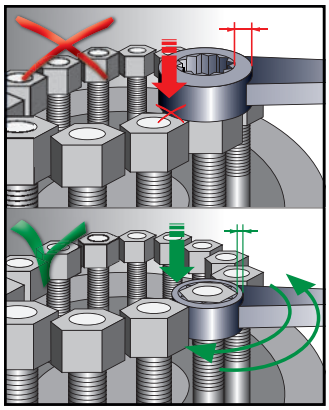
COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
67397	3.5/8							
67398	3.11/16	390	140	39	23	5.2		
60996	3.3/4							
67399	3.13/16							
67400	3.7/8	410	150			5,8		
67401	3.15/16			43	25			
60997	4							
67402	4.1/16	420	155			6,5		
60998	4.1/8							
67403	4.3/16							
67404	4.1/4		160			8		
67405	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		1	-
67416	5.5/16	520				12		
67417	5.3/8		210					
67418	5.1/2			60				
67419	5.3/4	570			32	14		
67420	6	590	220			16		
57136	6.1/8	565				13,7		
57139	6.1/4							
58055	6.3/8	585	240	58	33	16		
58056	6.1/2							
58057	6.9/16							
58058	6.5/8							
58059	6.3/4	645	265	64	34	25		
58060	6.7/8							
58061	7							
58062	7.1/8							
58063	7.1/4	685	285	70		33		
58064	7.3/8							
58065	7.1/2				35			
58066	7.9/16							
58067	7.5/8							
58068	7.3/4	710	295	75		36		
58069	7.7/8							
58070	8							

DIN 7444

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

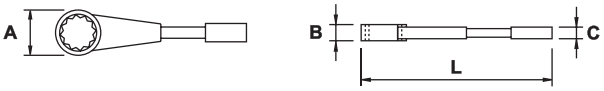
MM

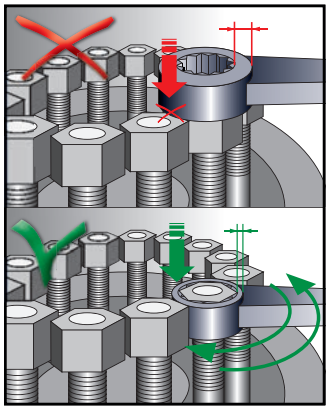




COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
56300	27	250	43	16	17	0,6	5	●
56301	30	256	47	18	19	0,75		
56302	32	260	49	19				
56303	36	270	55	22	21	1,05		
56304	41	278	61	24	23	1,25		
56305	46	287	67	26	24	1,50		
56306	50	296	72	28	25	1,75	1	-
56307	55	303	78	30	27	2		
56308	60	315	85	33	28	2,35		
56309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

INCH

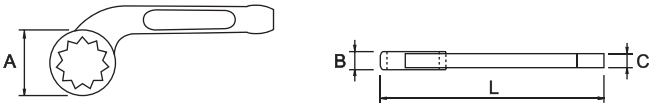




COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
56321	1.1/16	250	43	16	17	0,6	5	●
56322	1.1/4	260	49	19	21	0,75		
56323	1.7/16	270	55	22		1,05		
56324	1.5/8	278	61	24	22.5	1,25		
56325	1.13/16	287	67	26	24	1,5		
56326	2	296	72	28	25	1,75	1	-
56327	2.3/16	303	78	30	26.5	2		
56328	2.3/8	315	85	33	28	2,35		
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			4,9		

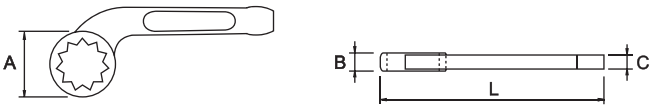
LLAVE ESTRELLA DE GOLPE CURVA / *CURVED SLOGGING RING WRENCH* / CLÉ POLYGONALE À FRAPPER COURBEE / *ZUGSCHLAGRINGSCHLÜSSEL, GEBOGEN* / POLIGONALE AD IMPULSO A CURVA / *CHAVE LUNETA CURVA DE PANCADA* / УДАРНЫЙ ИЗОГНУТЫЙ РОЖКОВЫЙ КЛЮЧ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	g		
58360	19							
58361	20	160			8,5			
58362	21							
54950	22	140	42	14	9	250		
58363	23				8,5			
54951	24	160			9			
58364	25				8,5			
58365	26				9,5			•
54952	27	175	46		10	330		
58366	28				9,5			
58367	29		54	16	10,5			
54953	30	190				515		
54954	32		55		11			
58368	34	210	58	19		630	1	
54955	36		60					
58369	38	225	64					
58370	40			20	12	870		
54956	41	230	65					
58371	42	225	64					
54957	46	240	75	22	13	1100		
54958	50	260	80	23	14	1300		-
54959	55	270	85	24		1500		
54960	60	290	90	26	15	2000		
54961	65	300	100	30	16	2500		
54962	70	320	110	32	17	2800		
54963	75	330	115	33	18	3200		
58372	80	350	124	34	19	3900		

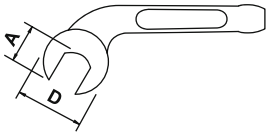
INCH

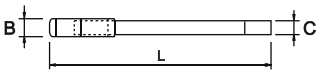


COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
58376	3/4"							
58377	7/8"	160	42	14	8,5	250		
58378	15/16"							
58379	1"	175	46		9,5	380		
58380	1.1/8"	190	54	16	10,5	500		
58381	1.1/4"							
58382	1.3/8"	210	58	19	11	620		
58383	1.1/2"	225	64	20	12	865	1	-
58384	1.5/8"							
58385	1.3/4"	240	73	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

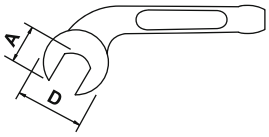
MM

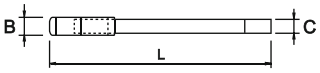




COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g	
58396	19	140	19	10	7	40,5	140	
58397	20							
58398	21	150	22	11	7,5	46	175	
58399	22							
58400	23		24	12	8	50	200	
58401	24							
58402	25							
58403	26	175	27	15	9	57	400	
58404	27							
58405	28							
58406	29	190	30	16	10	66	750	
58407	30							
58408	32		32					
58409	34	210	36	17	11,5	75		1
58410	36							
58411	38	230	41	18,5	12	87	1130	
58412	40							
58413	41							
58414	42							
58415	46	250	46	20	13	98	1250	
58416	50	275	50	20,5	13,5	108	1700	
58417	55	305	55	23	14	117	2300	
58418	60	315	60	23,5	15	128	2800	
58419	65	335	65	27,5	16	140	3600	
58420	70	370	70	28,5	17	155	4400	
58421	75	375	75	29	18	160	4700	
58422	80	400	80	32	19	175	6100	

INCH

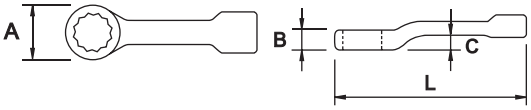




COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g	
58430	3/4"	140	19	10	7	40,5	140	
58431	7/8"	150	22	11	7,5	46	170	
58432	15/16"		24	12	8	50	200	
58433	1"	175	27	15	9	57	500	
58434	1.1/8"	190	30	16	10	66		
58435	1.1/4"		32				550	
58436	1.3/8"	210	36	17	11,5	75	800	
58437	1.1/2"	230	38	18,5	12	87	1250	1
58438	1.5/8"		41					
58439	1.3/4"	250	46	20	13	98		
58440	1.7/8"							
58441	2"	275	50	20,5	13,5	108	1600	
58442	2.1/4"	315	60	23,5	15	128	3100	
58443	2.1/2"	335	65	27,5	16	140	3750	
58444	2.3/4"	370	70	28,5	17	155	4400	
58445	3"	375	75	29	18	160	4600	

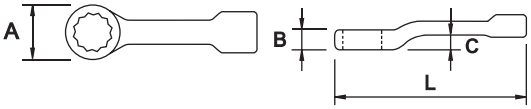
ESTRELLA DE GOLPE ACODADA / *OFFSET SLOGGING RING* / CLÉ POLYGONALE À FRAPPER CONTRE-COUDÉE / *SCHLAGRINGSCHLÜSSEL GEKRÖPFT* / CHIAVE A BATTERE POLIGONALE / *LUNETA INCLINADA DE PANCADA* / КЛЮЧ НАКИДНОЙ УДАРНЫЙ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
55000	22	240	42	18	23	0,9	5	●
55001	24							
55002	27	270	50	20	26	1,2		
55003	30	280		22	28	1,4		
55004	32	290	55	23	29	1,6		
55005	36	300	65	25	31	1,8		
55006	38							
55007	41	320	70	26	32	2		
55008	46	340		27	34	2,6	-	-
55009	50	350	80	32	38	3		
55010	55	360	85	33	39	3,9		
55011	60	380	90	35	41	4,0		
55012	65	390	95	38	44			
55013	70	400	105	41	47	5,0		
55014	75	420	110	43	49	5,5		
55015	80	440	125	45	50	7,0		
55016	85	460				7,5		
55017	90	480	140	47	55	9,0		
55018	95							
55019	100	520	155	49		11		
55020	105							
55021	110	550	170	50	60	12		
55022	115							
55023	120	590	180	55	64	14		
55024	125							
55025	130	620	200	60	70	16		
55026	135							

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
55027	7/8	240	42	18	23	0,9	5	●
55028	15/16							
55029	1	270	50	20	26	1,2		
55030	1.1/16							
55031	1.1/8	280		22	28	1,4		
55032	1.3/16							
55033	1.1/4	290	55	23	29	1,6		
55034	1.5/16							
55035	1.3/8	300	65	25	31	1,8		
55036	1.7/16							
55037	1.1/2							
55038	1.9/16	320	70	26	32	2	-	-
55039	1.5/8							
55040	1.11/16							
55041	1.3/4	340		27	34	2,6		
55042	1.13/16							
55043	1.7/8							

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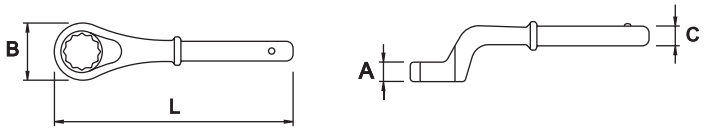
COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
55044	1.15/16	350	80	32	38	3		
55045	2							
55046	2.1/16	360	85	33	39	3,9		
55047	2.1/8							
55048	2.3/16							
55049	2.1/4	380	90	35	41	4,1		
55050	2.5/16							
55051	2.3/8							
55052	2.7/16							
55053	2.1/2	390	95	38	44	4,2		
55054	2.9/16							
55055	2.5/8							
55056	2.11/16	400	105	41	47	5,1		
55057	2.3/4							
55058	2.13/16							
55059	2.7/8	420	110	43	49	5,5		
55060	2.15/16							
55061	3							
55062	3.1/16	440	125	45	50	6,9		
55063	3.1/8							
55064	3.1/4	460				7,3		
55065	3.5/16							
55066	3.3/8							
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		10,9		
55073	3.7/8							
55074	3.15/16							
55075	4							
55076	4.1/16							
55077	4.1/8							
55078	4.3/16		170	50	60	12		
55079	4.1/4							
55080	4.5/16							
55081	4.3/8	550						
55082	4.1/2							
55083	4.9/16							
55084	4.5/8	590	180	55	64	14		
55085	4.11/16							
55086	4.3/4							
55087	4.13/16							
55088	4.7/8							
55089	4.15/16							
55090	5	620	200	60	70	16		
55091	5.1/4							
55092	5.1/16							

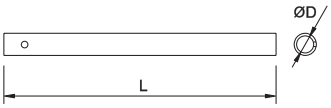
LLAVE ESTRELLA ACODADA PARA EXTENSIÓN / *OFFSET RING SPANNER FOR EXTENSION* / CLÉ POLYGONALE CONTRE COUDÉE À RALLONGE / *RINGSCHLÜSSEL FÜR VERLÄNGERUNG* / CHIAVE POLIGONALE PER ESTENSIONE / *CHAVE INGLESA DESLOCADA DO ANEL PARA A EXTENSÃO* / ИЗОГНУТАЯ ЗВЕЗДОЧКА ДЛЯ УДЛИНИТЕЛЯ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	g	
65888	24	180	17	38	18	390	1
65889	27	190		42		420	
65890	30	200	18	48		500	
65891	32	230		49	21	750	
65892	36	240	20	55		800	
65893	38	260	21	60			
65894	41					950	
65895	46	280	23	70	24	1150	
65896	50	290	25	75		1350	
65897	55	300	28	80		1450	
65898	60	340	31	90	29	2150	
65899	65	350	33	100		2500	
65900	70	360	36	105		2850	
65901	75	370	38	110		2050	
65902	80	380	41	125		3750	
65903	85					3550	
65904	90	410	45	140		5150	
65905	95					4900	
65906	100	420		150		5000	
65907	105					4900	

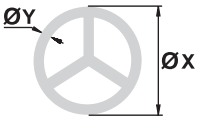
EXTENSIÓN PARA LLAVE ESTRELLA ACODADA / *EXTENSION FOR OFFSET RING SPANNER* / RALLONGE DE CLÉ POLYGONALE CONTRE-COUDÉE / *VERLÄNGERUNG FÜR RINGSCHLÜSSEL* / ESTENSIONE PER CHIAVI POLIGONALI / *EXTENSÃO PA CHAVE LUNETA CURVA* / УДЛИНИТЕЛЬ ДЛЯ КЛЮЧА ИЗОГНУТАЯ ЗВЕЗДОЧКА



COD.	AF mm	O.D. mm	L (mm)	g	
65909	24-30	18	460	750	1
65910	32-41	21	600	1150	
65911	46-55	24	750	2750	
65912	60-105	29	850	2850	

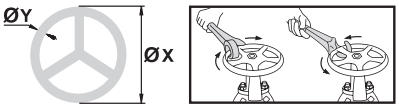
LLAVE DE VÁLVULA / *VALVE SPANNER* / CLÉ POUR VALVE / *VENTILSCHLÜSSEL* / CHIAVE A VALVOLA / *CHAVE DE VÁLVULA* / КЛАПАННЫЙ КЛЮЧ

MM



COD.	L (mm)	Ø x (mm)	Ø y (mm)	Kg	
54972	550	125-250	<= 35	1,4	1

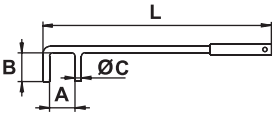
INCH



COD.	L (mm)	Ø x (inch)	Ø y (mm)	Kg	
62803	210	2-7	<= 12	0,2	1
62804	400	8-15	<= 24	1,3	
62805	490	16-20	<= 30	1,7	
62806	800			5,5	

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

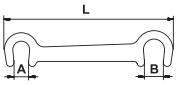
MM



COD.	L (mm)	A (mm)	B (mm)	Ø C (mm)	Kg	
54974	300	35	33	17	0,45	1
54975	350	45	40		0,5	
54976	400	50	45	18	0,8	
54977	450	55	50		1	
54978	500	60	55		1,2	
54979	550	65	60		1,4	
54980	600	70	65		1.5	
54981	650	75	70		1,6	
54982	700	80				
54983	750	85	75	20	2,3	
54984	800	90	85		2,4	
54985	850	95			2,5	
54986	900		90		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

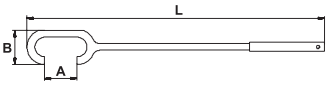
MM



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

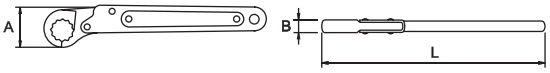
MM



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 / *KNARRENROHRSCHLÜSSEL* / CHIAVE A CRICCO PER RACCORDI / *CHAVE LUNETA ABERTA COM ROQUETE* / КЛЮЧ ЗВЕЗДОЧКА С ТРЕЩЕТКОЙ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	g		
65089	10	135	24	7,0	80	6	●
65090	11				85		
65091	12						
65092	13				90		
65093	14						
65095	17	185	30	8,0	140		
65096	19		32		180		
65098	22	230	39	11	230		
65099	24						
65100	27	320	49	13	320		-
65102	32		50	18			

SET

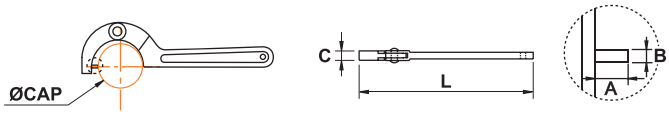
MM

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

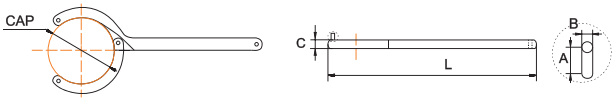
LLAVE DE GANCHO ARTICULADA / *ADJUSTABLE HOOK SPANNER* / CLÉ À ERGOT ARTICULEE / *ZANGE MIT VERSTELLBARE BACKE* / CHIAVE A SETTORE REGOLABILE / *CHAVE DE GANCHO ARTICULADA* / РУГУЛИРУЕМЫЙ КЛЮЧ КРЮК

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			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

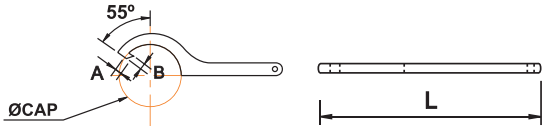


COD.	L (mm)	CAP. Ø (mm)	CAP. Ø (inch)	A (mm)	B (mm)	C (mm)	g		
58120	170	15-35	19/32-1.3/8	3	3	5,5	100	10	●
58121	200	35-50	1.3/8-2	4,3	4	7	180		
58122	280	50-80	2-3.3/4	5	6,2	8	380		
58123	345	80-120	3.3/4-4.11/16	6		8,5	660	5	
58124	490	120-150	4.11/16-5.7/8	7,4	7,8	11	1440		



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

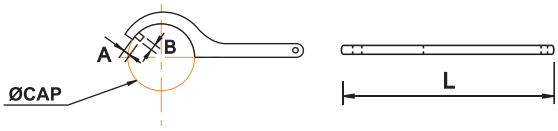
LLAVE DE GANCHO / *HOOK SPANNER* / CLÉ À ERGOT / *ECKZANGE* / CHIAVE A SETTORE / *CHAVE DE GANCHO* / КЛЮЧ КРЮК



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	6	●
68284		16-20	5/8-25/32	2,3	2	20		
68285	120	25-28	1-1.1/8	2,5	2,3	40		
68286		30-32	1.3/16- 1.1/4		2,5	60		
68287	150	34-36	1.5/16-1.13/32		3	90		
68288		40-42	1.9/16- 1.21/32			100		
68289	180	45-50	1.3/4-2	3	3,5	150		
68290		52-55	2.1/16-2.3/16			160		
68291	210	58-62	2.9/32-2.7/16	3,5	4	210		
68292		68-75	2.11/16-3			250		
68293	240	80-90	3.1/8-3.1/2	4	5	370		
68295		95-100	3.3/4-4			410		
68296	280	110-115	4.5/16-4.9/16			700		
68297		120-130	4.11/16-5.1/8			750		
68298	320	135-145	5.5/16-5.3/4	6	6	1050		
68299		150-165	5.7/8-6.1/2			1150		
57640	380	180-195	7.1/8-7.5/8	14		1800		
57641		205-220	8.1/8-8.5/8			1900		
57642	460	230-245	9.1/8- 9.5/8	16	8	3530		
57643		260-270	10.1/4-10.5/8			3600		
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

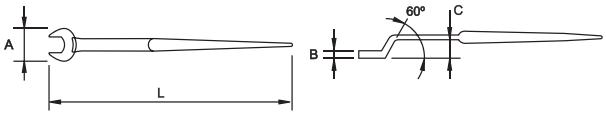


COD.	L (mm)	CAP. Ø (mm)	CAP. Ø (inch)	A (mm)	B (mm)	g		
58100	110	16-18	5/8-11/16	2,2	2,5	25	20	●
58101		20-22	25/32-7/8					
58102	135	25-28	1-1.1/8	3	3	50	10	
58103		30-32	1.3/16-1.1/4					
58104	170	34-36	1.5/16-1.13/32	3,5	4	80		
58105		40-42	1.9/16-1.21/32					
58106	205	45-50	1.3/4-2	4	5	180		
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		8			
58112	335	110-115	4.5/16-4.9/16	8		800	10	

COD.	L (mm)	CAP. Ø (mm)	CAP. Ø (inch)	A (mm)	B (mm)	g		
58113	335	120-130	4.11/16-5.1/8	8	8	800	10	●
58114	385	135-145	5.5/16-5.3/4			1250	5	
58115		155-165	5.15/16-6.1/2					
58116	465	180-195	7-7.11/16		10	2100		
58117		205-220	8-8.11/16					

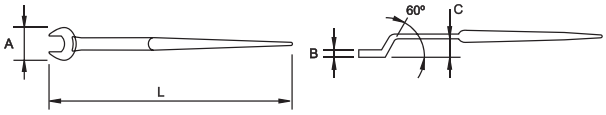
LLAVE FIJA ACODADA PARA ESTRUCTURA / *OFFSET OPEN END STRUCTURAL WRENCH* / CLÉ À FOURCHE CONTRE-COUDÉE POUR STRUCTURE MÉTALLIQUE / *MAULSCHLÜSSEL GEKROPFT MIT DORN* / CHIAVE FISSA PER PONTEGGI / *CHAVE BOCA INCLINADA PARA ESTRUTURA* / КЛЮЧ ГАЕЧНЫЙ ОДНОСТОРОННИЙ ВИЛКООБРАЗНЫЙ СТРОИТЕЛЬНЫЙ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	g		
64912	17	350	24	7,5	24	210	1	●
64913	19		40	9		300		
64914	22		46	11		410		
64915	24	370	49		28	450		
64916	27		55	13		600		
64917	30	400	65		32	800		
64918	32							
64919	36	430	70	14	36	900		-
64920	41	470	80	15	41	1200		
64921	46	500	90	16	46	1500		
64922	50	550	100	17	48	1800		
64923	55		110	18	50	2000		

INCH



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

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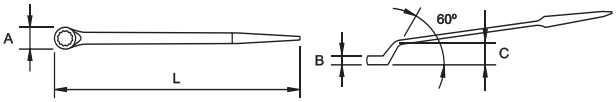
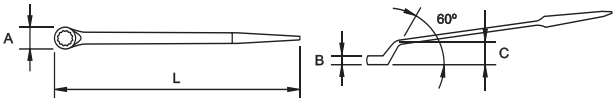
LLAVE ESTRELLA ACODADA PARA ESTRUCTURA / *OFFSET RING STRUCTURAL WRENCH* / CLÉ POLYGONALE CONTRE-COUDÉE POUR STRUCTURE MÉTALLIQUE / *RINGSCHLÜSSEL GEKRÖPFT MIT DORN* / CHIAVE POLIGONALE PER PONTEGGI / *CHAVE LUNETA INCLINADA PARA ESTRUTURA* / КЛЮЧ НАКИДНОЙ ОДНОСТОРОННИЙ ВИЛКООБРАЗНЫЙ СТРОИТЕЛЬНЫЙ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
64947	14	270	24	10	23	0,2		
64948	17	310	28	11	27			
64949	19	330	32	12	31			
64950	22	350	35	13		0,3		●
64951	24	370	38		34			
64952	27	400	42	14	37	0,4		
64953	30	430	50	16	43	0,6		
64954	32							
64955	36	460	55	19	48	0,9		
64956	41	490	65	20	55	1,1		
64957	46	500	70	22	60	1,5		
64958	50	550	75	26		1,8	1	
64959	55		85			2,1		
64960	60	600	90	28	65	2,5		
64961	65	650	110	30	70	2,7		
64962	70							-
64963	75	700		34		3,5		
64964	80		115	36		4,0		
64965	85		125	37	75			
64966	90		135	39		5,0		
64967	95		140	41	80			
64968	100	750	145	42		6,0		
64969	110		160	43		7,0		

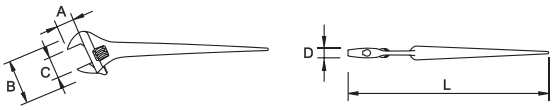
INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
64970	3/4	330	32	12	31	0,2		
64971	7/8	350	35	13		0,3		
64972	15/16	370	38		34			
64973	1	400	42	14	37	0,4		
64974	1.1/16							●
64975	1.1/8	430	50	16	43	0,6		
64976	1.3/16							
64977	1.1/4							
64978	1.5/16							
64979	1.3/8	460	55	19	48	0,9	1	
64980	1.7/16							
64981	1.1/2	490	65	20	50	1,0		
64982	1.9/16							
64983	1.5/8							
64984	1.11/16							-
64985	1.3/4	500	70	22	60	1,5		
64986	1.13/16							
64987	1.7/8							
64988	1.15/16	550	80	26		1,8		
64989	2							

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Kg		
64990	2.1/16	550	85	26	60	2,1		
64991	2.1/8							
64992	2.3/16							
64993	2.1/4	600	90	28	65	2,5	1	-
64994	2.5/16							
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							

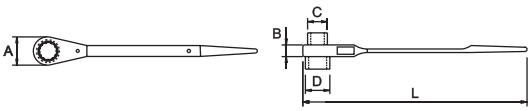
LLAVE AJUSTABLE PARA ESTRUCTURA / *ADJUSTABLE STRUCTURAL WRENCH* / CLÉ À MOLETTE POUR STRUCTURE MÉTALLIQUE / *VERSTELLBARE ROLLGABELSCHLÜSSEL MIT DORN* / CHIAVE REOLABILE PER PONTEGGI / *CHAVE AJUSTÁVEL PARA ESTRUTURA* / КЛЮЧ РАЗВОДНОЙ СТРОИТЕЛЬНЫЙ



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 ESTRUTURA METALICA* / ГОЛОВКА С ТРЕЩЕТКОЙ

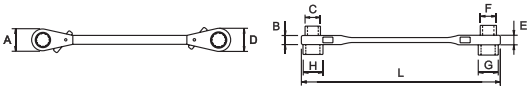
MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
65916	10-13	240	28	15	15	18	170	6	●
57545	12-14		32	16	17	20	240		
65908	13-17	280	41	17	19	24	310		
65076	17-19	320	43	19	24	27	480		
65917	19-21		50		26	28			
65077	19-22					29			
65078	19-24	370		20	28	33	650		
57546	22-24		52	21	31	34	750		
57547	24-27				34	37			
65079	24-30	420	60		32	41	950		
65080	27-32				37	43			
57548	30-32			22	40	44	1000		
57549	32-36	450	79	26	46	51	2000		
65081	36-41			27	49	57			

LLAVE DE CARRACA DOBLE VASO / *DOUBLE SOCKET RATCHET WRENCH* / CLÉ À CLIQUET DOUBLE DOUILLE / *DOPPEL RATCHENSCHLÜSSEL* / CHIAVI DOPPIE A CRICCHETTO / *CHAVE DE ROQUETE DUPLA CHAVE DE CAIXA* / КЛЮЧ ДВОЙНАЯ ГОЛОВКА С ТРЕЩЕТКОЙ

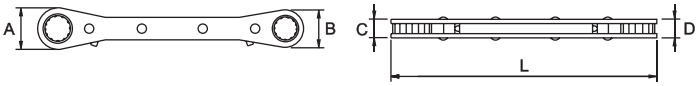
MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	g		
65104	14-17 x 19-21	270	38	17	21	42	19	27	28	24	600	2	●
65105	17-19 x 22-24	330	41	19	24	50	20	30	33	27	700	1	
65106	19-21 x 24-27		42	20	27		21	33	37	29	750		

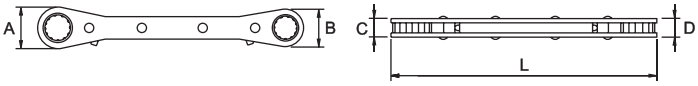
LLAVE ESTRELLA DE CARRACA PLANA / *DOUBLE RATCHET WRENCH* / CLÉ POLYGONALE À CLIQUET / *DOPPELKNARRE FLACH* / CHIAVE A CRICCO / *CHAVE LUNETA PLANA COM ROQUETE* / ДВОЙНАЯ ТРЕЩЕТКА ЗВЕЗДОЧКА

MM



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

INCH

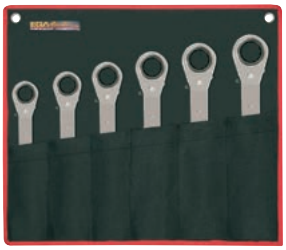


COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
65113	1/4-5/16	150	18	18	8,5	8,5	60	6	●
65114	3/8-7/16	175	24	20	9,0		85		
65115	1/2-9/16	180	29	24	10	9,5	140	10	
65116	5/8-11/16	210	36	33		10	200		
65117	3/4-7/8		40	37	11	12	260		

SET

MM

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

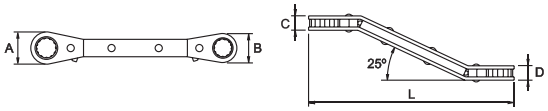


INCH

COD.	PCS.		COD.	(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

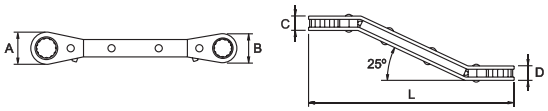
LLAVE ESTRELLA DE CARRACA ACODADA / *OFFSET DOUBLE RATCHET WRENCH* / CLÉ POLYGONALE CONTRE-COUDEE À CLIQUET / *DOPPELKNARRE ABGEWINKELT* / CHIAVE A CRICCO A CONTROGOMITO / *CHAVE LUNETA INCLINADA COM ROQUETE* / ДВОЙНАЯ ТРЕЩЕТКА ЗВЕЗДОЧКА ИЗОГНУТАЯ

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
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		10	200	8	
65122	14-17		40	37	11		210		
65123	19-21	230	41				260		

INCH

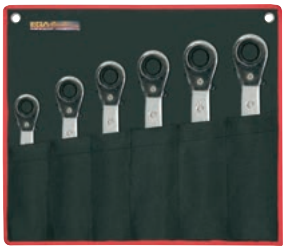


COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
65124	1/4-5/16	150	20	17	9,5	8,5	60	6	●
65125	3/8-7/16	175	23	20		9,0	85		
65126	1/2-9/16	180	30	27	10	9,5	140		
65127	5/8-11/16	210	36	33			200	8	
65128	3/4-7/8		40	37		10	260		

SET

MM

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

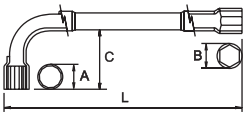


INCH

COD.	PCS.		COD.	(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



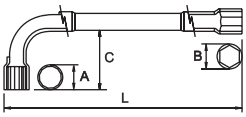
COD.	AF mm	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g			
61870	6	-	110	11	11	18	50	6	●	A
61871	7		115	12	12	21				
61872	8	5/16 *	120	13	13	22	60			
61873	9	-	125	14	14		70			
61874	10	25/64 *	130	16	16	26	100			
61875	11	7/16 *	135	17	17		140			
61876	12	5/32 *	145	18	18	27	160			
61877	13	-	150	19	19	30	170			
61878	14	35/64 *	160	21	21	33	230			
61879	15	-	175	22	22	35				
61880	16		185	24	24	39				
61881	17		200	25	25		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			48	500			
61886	22		245	32	32		600			
61887	23	29/32 *	255	33	33	55	700		-	
61888	24	-	265	34	34		800			
61889	25		280	36	36		1000			
61890	26		290	37	37	60				
61891	27	1.1/16 *	300	38	38		1200			
61892	28	-	310	39	39		1300			
61893	29	1.9/64 *	320	41	41					
61894	30	1.3/16 *	330	42	42	65	1500			
61895	32	-	360	45	45		1800			
61768	34		375	48	48		2000			
61772	36		395	50	50		2200			
61770	38		400			70				

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	6	●	A
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		-	
58147	15/16	255	28		55	660			

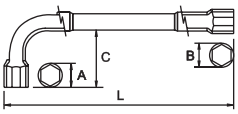
Medidas aproximadas / *Approximate measurements* / Mesures approximatives | DIN 475

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

6 x 6

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

MM



COD.	AF mm	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
61166	5,5	7/32	110	11	11	18	50	6	•
61170	6	-							
61171	7		115	12	12	21			
61172	8	5/16	120	13	13	22	60		
61173	9	-	125	14	14		70		
61174	10	25/64	130	16	16	26	100		
61175	11	7/16	135	17	17		140		
61176	12	15/32	145	18	18	27	160		
61177	13	-	150	19	19	30	170		
61178	14	35/64	160	21	21	33	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	3/4	220	28	28	44	400		
61184	20	25/32		30	30	45	470		
61185	21	-	230			48	500		-
61186	22		240	32	32		600		
61187	23	29/32	250	33	33	55	700		
61188	24	-	260	34	34		800		
61189	25		280	36	36		1000		
61190	26		290	37	37	60			
61191	27	1.1/16	300	38	38		1200		
61192	28	-	310	39	39		1300		
61193	29	1.9/64	320	41	41				
61194	30	1.3/16	330	42	42	65	1500		
61195	32	-	360	45	45		1800		
61769	34		370	48	48		2000		
61773	36		390	50	50		2200		
61771	38		400			70			

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

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

6 x 6

KIT-8 PCS.

MM

COD.		PCS.		COD.	(mm)	
68597	A	8	90057	61872, 61874, 61875, 61877, 61881, 61883, 61886, 61888	8-10-11-13-17-19-22-24	12 x 6
68598	C			61172, 61174, 61175, 61177, 61181, 61183, 61186, 61188		6 x 6

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

KIT-10 PCS.

MM

COD.		PCS.		COD.	(mm)	
69351	A	10	90058	61872, 61873, 61874, 61875, 61876, 61877, 61878, 61881, 61883, 61885	8-9-10-11-12-13-14-17-19-21	12 x 6
69353	C			61172, 61173, 61174, 61175, 61176, 61177, 61178, 61181, 61183, 61185		6 x 6

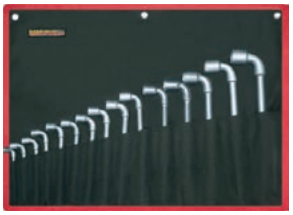
MM

COD.		PCS.		COD.	(mm)	
68599	A	10	90054	61872, 61874, 61875, 61876, 61877, 61878, 61880, 61881, 61882, 61883	8-10-11-12-13-14-16-17-18-19	12 x 6
68600	C			61172, 61174, 61175, 61176, 61177, 61178, 61180, 61181, 61182, 61183		6 x 6

KIT-15 PCS.

MM

COD.		PCS.		COD.	(mm)	
68601	A	15	90061	61872, 61874, 61875, 61876, 61877, 61878, 61879, 61880, 61881, 61882, 61883, 61885, 61886, 61887, 61888	8-10-11-12-13-14-15-16-17-18-19-21-22-23-24	12 x 6
68602	C			61172, 61174, 61175, 61176, 61177, 61178, 61179, 61180, 61181, 61182, 61183, 61185, 61186, 61187, 61188		6 x 6



KIT-22 PCS.

MM

COD.		PCS.		COD.	(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	12 x 6
68604	C			61172, 61173, 61174, 61175, 61176, 61177, 61178, 61179, 61180, 61181, 61182, 61183, 61185, 61186, 61187, 61188, 61190, 61191, 61192, 61193, 61194, 61195		6 x 6

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

54 PCS.

MM

COD.		PCS.	
55570	A	54	12 x 6

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

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

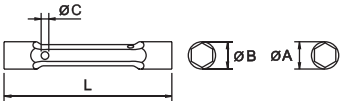
MM

COD.		PCS.	
55571	C	54	6 x 6

PCS.	COD.	
6	61172	8 mm
	61173	9 mm
	61174	10 mm
	61175	11 mm
	61176	12 mm
	61177	13 mm
	61178	14 mm
4	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

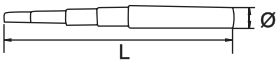


COD.	AF mm	L (mm)	A (mm)	B (mm)	Ø C (mm)	g		
61824	6-7	105	10	11	3	30	10	●
61825	8-9	110	13	14		50		
61826	10-11	120	15	16	5	80		
61827	12-13	140	18	19	6	140		
61828	14-15	145	20	22		155		
61829	16-17	155	23	24	7	180		
61830	18-19	165	25	26	8	230		
61831	20-22	170	28	30		290		
61832	21-23	185	29	31	10	340		
61833	24-26	190	33	33	12	430	6	-
61838	24-27			35				
61834	25-28	200	34	37		500		
61835	27-29	210	37	39		550		
61836	30-32		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

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

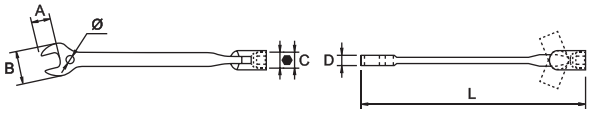
SET

MM

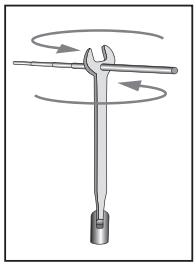
COD.	PCS.		COD.	(mm)
69489	6	90052	61824, 61825, 61826, 61827, 61828, 61829	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
69272	8	90057	61824, 61825, 61826, 61827, 61828, 61829, 61830, 61831	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22

LLAVE 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

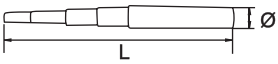


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	O.D. mm	g		
56190	10	180	12	25	15	5,5	6	95	10	●
56191	11	190	14	27	17	6		115		
56192	12	215	15	31	18	6,5		145		
56193	13				19			150		
56194	14	220	16	32	20	8		185		
56195	15		17		24					
56196	17	235	19	38			7	230		
56197	19	250	20	41	26	9		320		



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

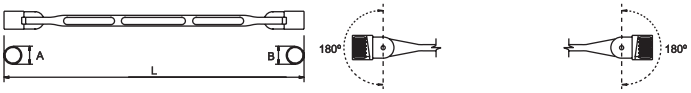
MM



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	10	-
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	290	28	30	480	5	
61309	21-23		32	32	470		
61310	24-27	330		36	700		

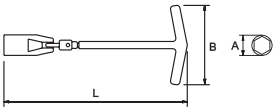
NATO OTAN Commercial and Government Entity (NCAGE) Code / Código 8552B
TÜVRheinland CERTIFICADO Management System ISO 9001:2015 ISO 14001:2015 www.tuv.com ID 0910098046
to the Management Quality

KIT-6

MM

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

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

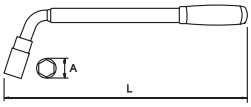


COD.	AF inch	L (mm)	A (mm)	B (mm)	g		
61471	20-13/16	230	28	100	250	8	●

DIN 3112

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

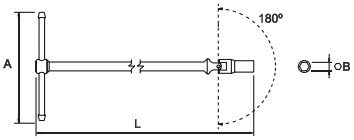
MM



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

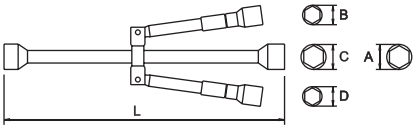


COD.	AF mm	AF inch	L (mm)	A (mm)	B (mm)	g		
61840	6	-	390	165	10	220	10	●
61841	7				11			
61842	8	5/16 *			12			
61843	9	11/32 *			14			
61844	10	-	450	180	15	420		
61845	11				17			
61846	12	15/32 *			18			
61847	13	1/2 *			19			
61848	14	-			20			
61849	15	19/32 *	500		22	480		
61850	16	5/8 *			23			
61851	17	21/32 *			24			
61852	18	-			25			
61853	19	3/4 *		230	27	850		
61854	20	25/32 *			28			
61855	21	13/16 *			29			
61856	22	-			31			

COD.	AF mm	AF inch	L (mm)	A (mm)	B (mm)	g		
61858	24	15/16 *	500	230	33	850	10	●

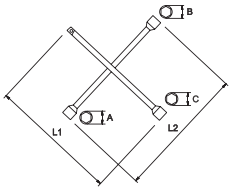
Medidas aproximadas / *Approximate measurements* / Mesures approximatives

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

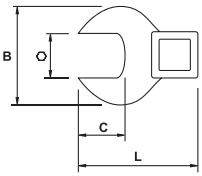


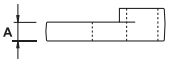
COD.	AF mm	AF inch	L1 (mm)	L2 (mm)	A (mm)	B (mm)	C (mm)	g	
61475	17-19-22	1/2	350	350	28	26	31	1150	1

DIN 3119

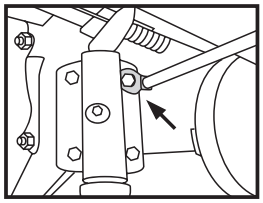
LLAVE FIJA CROW FOOT / *OPEN END CROW FOOT WRENCH* / CLÉ À FOURCHE CROW FOOT / *EINSTECK-MAULSCHLÜSSEL* / CHIAVE FISSA CROW FOOT / *PONTEIRA DE BOCA COM QUADRADO INTERIOR* / РОЖКОВЫЙ КЛЮЧ С КВАДРАТОМ

- 1/4"
- MM

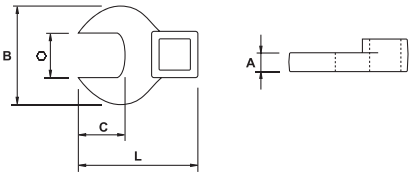




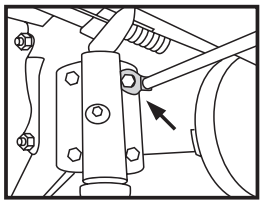
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	g		
57211	7	30	6	25	6	70	10	●
57212	8	31		26	7			
57213	9	33		28	8	75		
57214	10	35		30	9			
57215	11	36	7	31	11	90		
57216	12	38		34	12	95		
57217	13	39		35	13			



INCH

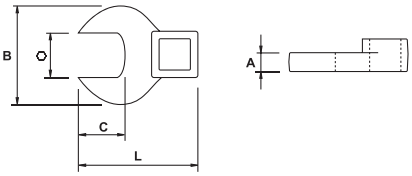


COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
57218	5/16	31	6	26	7	70	10	●
57219	3/8	33		28	8	75		
57220	7/16	35		30	9			
57221	1/2	38	7	34	12	92		
57222	9/16	39		36	14	100		

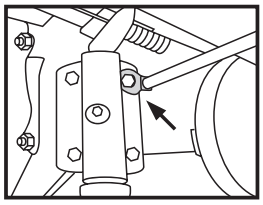


3/8"

MM



COD.	AF 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			
55712	12			27		35		
55713	13	40	7,2	28	14	40		
55714	14	42	8,3	30	15	41		
55715	15	46	8,4	34	16	50		
55716	16				17			
55717	17	48	8,8	36	18	56		
55718	19	50	9	40	21	62		
55719	21	55	9,5	46	22,5	80		
55720	22				23,5	100		
55721	24	65	10	54	25,5	140		
55722	25				26,5			
55723	27				28,5	200		



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ISO 14001:2015
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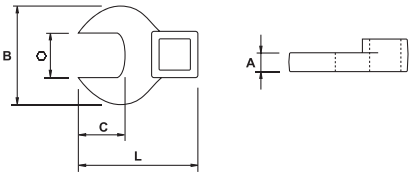
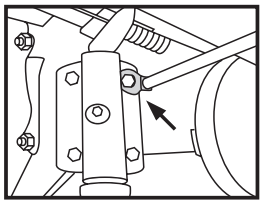
INCH

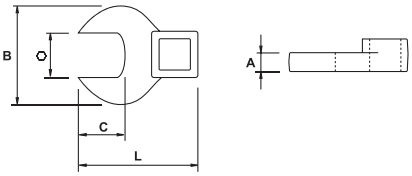


COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
55724	3/8	36	6	24	10	28		
55725	7/16	39	6,5	26	14			
55726	1/2	40	7,2	28		40		
55727	9/16	42	8,3	30		41		
55728	5/8	46	8,4	34	17	50		
55729	11/16	48	8,8	36	18	56		
55730	3/4	50	9	40	21	62	10	●
55731	13/16	55	9,5	46	21,5	80		
55732	7/8				22,5	100		
55733	15/16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

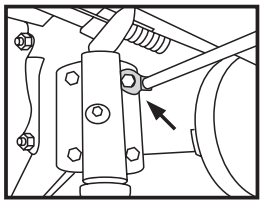


1/2"

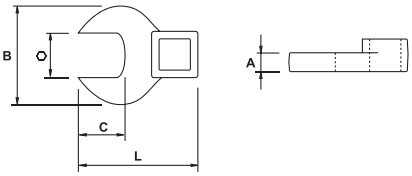
MM



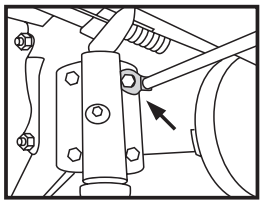
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	g		
57224	20	50	12	42	19	150		
57225	21							
57226	22	55		43	20			
57227	23			45	21	160		
57228	24			46	22			
57229	25	60		47	23			
57230	26			49	24	185		
57231	27			50	25	190		
57232	28	65			26	200		
57233	29			55	27			
57234	30	70		60	28	210		
57235	31				29	220		
57236	32				30	230		
57237	33		14	65	31	250	10	●
57238	34	75			32	260		
57239	35			70	33			
57240	36				34	270		
57241	37				35			
57242	38	80		75	36	280		
57243	39				37	290		
57244	40	85		80	38	300		
57245	41				39	320		
57246	42				40			
57247	43	90		85	41	330		
57248	44				42	340		
57249	45				43	360		
57250	46	95	15	90	44	380		



INCH



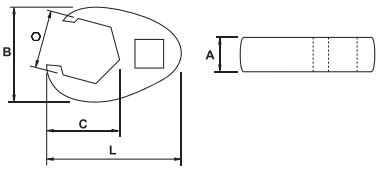
COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
57251	15/16	55	12	45	21	160	10	●
57252	1	60		47	23			
57253	1.1/16			50	25	190		
57254	1.1/8	65			26	200		
57255	1.3/16	70		60	28	210		
57256	1.1/4		14		30	230		
57257	1.5/16			65	31	250		
57258	1.3/8	75		70	33	260		
57259	1.7/16				34	270		
57260	1.1/2	80		75	36	280		
57261	1.9/16				37	290		
57262	1.5/8	85		80	39	320		
57263	1.11/16	90			41	330		
57264	1.3/4			84	42	340		
57265	1.13/16	95	15	90	44	380		
57266	1.7/8				45	400		
57267	1.15/16				46	430		
57268	2	100		95	49	460		
57269	2.1/16					480		
57270	2.1/8			100	50	500		
57271	2.3/16					600		
57272	2.1/4	105				650		
57273	2.5/16			105	55			
57274	2.3/8	110				700		
57275	2.7/16			110	60	750		
57276	2.1/2					850		



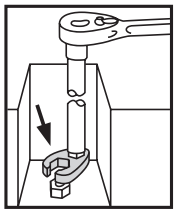
LLAVE HEXAGONAL CROW FOOT / *HEXAGONAL CROW FOOT WRENCH* / CLÉ MÂLE CROW FOOT / *SECHSKANT-EINSTECK-MAULSCHLÜSSEL* / CHIAVE ESAGONALE CROW FOOT / *PONTEIRA HEXAGONAL COM QUADRADO INTERIOR* / РОЖКОВЫЙ ШЕСТИГРАННЫЙ КЛЮЧ С КВАДРАТОМ

3/8"

MM

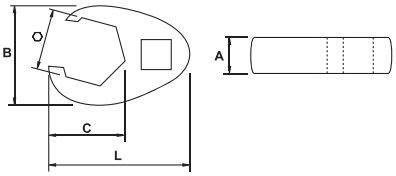


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	g		
55736	10	38	7,8	31	16	28	10	●
55737	11				18			
55738	12		8			35		
55739	13					40		
55740	14	41	9	33	21	41		
55741	15					50		
55742	16							
55743	17	45	10,5	36	24	56		
55744	19	46			25	62		
55745	21	50	11	40	28,5	80		
55746	22					100		
55747	24	55	11,5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

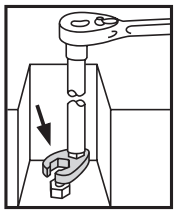


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	g		
55748	25	55	11,5	45	34	140	10	●
55749	27					200		

INCH



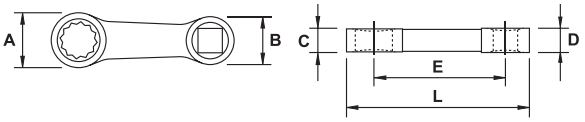
COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	g		
55750	3/8	38	7,8	31	16	28	10	●
55751	7/16				18			
55752	1/2		8			40		
55753	9/16	41	9	33	21	41		
55754	5/8					50		
55755	11/16	46	10,5	36	24	56		
55756	3/4				25	62		
55757	13/16	50	11	40	28,5	80		
55758	7/8					100		
55759	15/16	55	11,5	45	34	140		
55760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



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

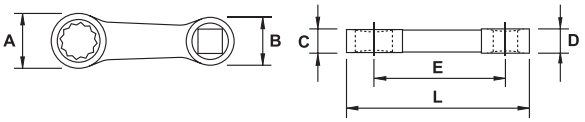
3/8"

MM



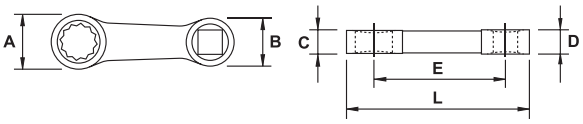
COD.	AF mm	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g		
57315	8	3/8	73	20	19	9	12	52	51	10	●
57316	10										
57317	13			24		11,5			61		

INCH



COD.	AF inch	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g		
57318	5/16	3/8	73	20	19	9	12	52	51	10	●
57319	3/8										
57320	7/16										
57321	1/2			24		12			61		
57322	9/16										

SPLINE



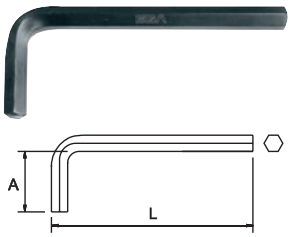
COD.	AF inch	AF inch	L (mm)		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	g		
57323	7/32			M7								
57324	1/4			M8								
57325	9/32			M9	20		9			51		
57326	5/16			M10								
57327	3/8	3/8	73	M12		19		12	52		10	●
57328	7/16			M14								
57329	1/2			M16								
57330	9/16			M18	24		12			61		
57331	5/8			M20								

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

EGA

STANDARD

MM



COD.	AF mm	L (mm)	A (mm)	g		
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	42	135		
65307	12	135		170		
65519	13	145	44	190		
65308	14	155	46	260		
65958	15	160	50	320		
65309	16	170		370		
65310	17	175	65	440		
65959	18	190		550		
65311	19	200	70	650		
65960	20			950		-
65312	21	210				
65313	22	220	82			
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	1	
67630	41		150	5700		

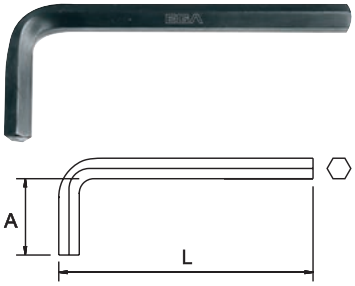
COD.	AF mm	L (mm)	A (mm)	g		
67631	46	410	160	7000	1	-
67632	48		165	7100		
67633	50	450	175	9550		
67634	55		185	11200		
67635	60	470	195	14050		
67636	65	480	200	15300		
67637	70	500	210	16700		

ISO 2936 | DIN 911

CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

INCH



COD.	AF inch	L (mm)	A (mm)	g		
65315	1/16	46	15	0,9	10	-
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		●
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	90	650		
67614	7/8	240		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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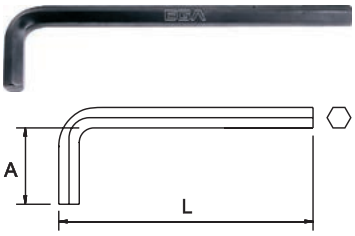
CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

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

MM



COD.	AF mm	L (mm)	A (mm)	g		
61517	1,5	65	15	1,0	10	-
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	33	25		
61523	5,5	130		35		
61524	6	140	38	40		
61557	7	150	41	60		●
61525	8	160	44	80		
65330	9	170	47	115		
61526	10	180	50	140		
65331	11	190	55	200		
65332	12	200		260		
67300	13	210	65	300		

COD.	AF mm	L (mm)	A (mm)	g		
67301	14	230	70	400		
67302	15	240	75	460		
67303	16			500	10	●
67304	17	260	80	650		
67305	19	280	90	850		
67306	22	310	100	1300	1	-
67307	24	360	115	1750		

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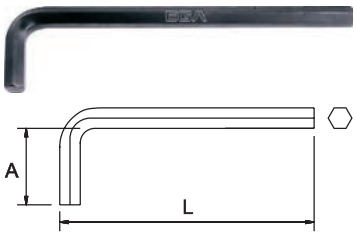
CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

INCH



COD.	AF inch	L (mm)	A (mm)	g		
68900	1/16	80	14	1,6		
68901	5/64		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	10	
68907	3/16	115	24	23		
68908	7/32	125	26	32		●
68909	1/4	135	29	50		
68910	5/16	150	32	80		
68911	3/8	170	35	135		
68912	7/16	190	38	210		
67671	1/2	210	43			
67672	5/8	250	50	370	6	
67653	3/4	290	55	690		
67654	7/8	350	65	1300		
67655	1	400	70	1750		
67656	1.1/8			2300		
67657	1.1/4	450	85	3750	1	-
67673	1.1/2	490	140	5800		
67658	1.5/8	550	150	7100		
67659	1.3/4	570	160	8800		

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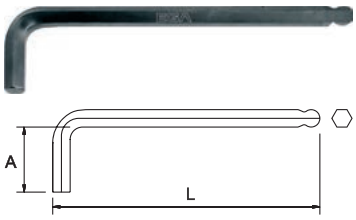
CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

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 ШАРОВОЙГОЛОВКОЙ

MM



COD.	AF mm	L (mm)	A (mm)	g		
61615	1,5	65	15	1,0		
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	10	
61621	5,5	130		25		●
61622	6	140	38	30		
67493	7	150	40	60		
61623	8	160	44			
67494	9	170	45	110		
61624	10	180	50	140		
67495	12	200		250	1	

COD.	AF mm	L (mm)	A (mm)	g		
67496	14	230	55	400		
67497	17	260	60	650	1	●
67498	19	280	67	850		

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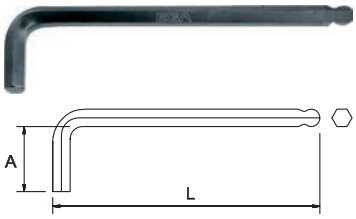
CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

INCH

COD.	AF inch	L (mm)	A (mm)	g		
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		



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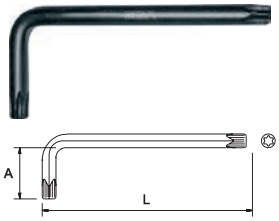
CARACTERÍSTICAS / *FEATURES* / CARACTÉRISTIQUES

Cr-V

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

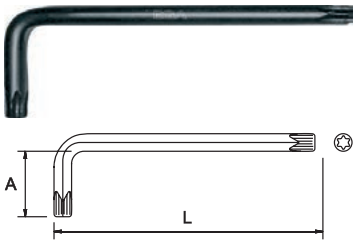
STANDARD

COD.		L (mm)	A (mm)	g		
67801	T-6	41	14	2,5		
67802	T-7					
67803	T-8					
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

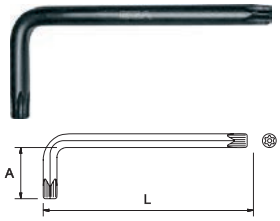
COD.		L (mm)	A (mm)	g		
65342	T-10	90	17	6,0		
65343	T-15	95	18	9,0		
65344	T-20	100	19	12		
65345	T-25	105	20	16	10	●
65346	T-27	110	21	24		
65347	T-30	120	24	31		
65348	T-40	130	26	46		
65349	T-45	140	28	65		
65350	T-50	160	32	90	10	●



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

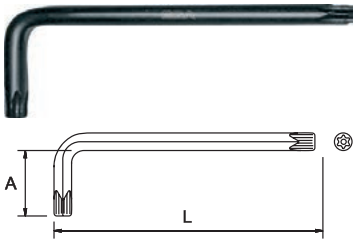
LLAVES TAMPER TORX / *TAMPER TORX KEYS* / CLÉS TAMPER TORX / *TAMPER TORX INBUSSCHLÜSSEL* / CHIAVI TAMPER TORX / *CHAVES TAMPER TORX* / КЛЮЧ TAMPER TORX

COD.		L (mm)	A (mm)	g		
56544	TT8	41	14	2,5		
56545	TT9					
56546	TT10	49	16	3,5		
56547	TT15	56	17	5		
56548	TT20	62	19	7,5		
56549	TT25	70	20	9,5	10	●
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)	g		
56556	TT10	90	17	6		
56557	TT15	95	18	9		
56558	TT20	100	19	12		
56559	TT25	105	20	16		
56560	TT27	110	21	24	10	●
56561	TT30	120	24	31		
56562	TT40	130	26	46		
56563	TT45	140	28	65		
56564	TT50	160	32	90		



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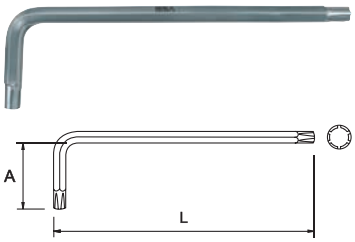
COD.		L (mm)	A (mm)	g		
65975	M4	145	22	16		
65976	M5	150	24	26		
65977	M6	160	30	42	10	●
65978	M7	175	32	80		
65979	M8	185	40	90		
65980	M10	220	55	150		



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

COD.	PCS.	g		
69987	7	600	6	●

Composición / *Composition* / Composition	
65975, 65976, 65977, 65978, 65979, 65980	M4, M5, M6, M7, M8, M9, M10

• *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)

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COD.	PCS.	g		
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

COD.	PCS.	g		
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

COD.	PCS.	g		
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"

COD.	PCS.	g		
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

COD.	PCS.	g		
61496	10	360	12	●

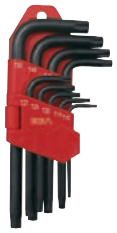
Composición / *Composition* / Composition	Descripción / *Description* / Description	
61615, 61616,61617, 61618, 61619, 61620, 61621, 61622, 61623, 61624	Serie larga / *Long serie*	1,5-2-2,5-3-4-5-5,5-6-8-10 mm

COD.	PCS.	g		
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.	g	
65351	9	250	12

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



COD.	PCS.	g	
65665	9	300	6

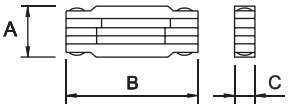
Composición / *Composition* / Composition	Descripción / *Description* / Description	
65342, 65343, 65344, 65345, 65346, 65347, 65348, 65349, 65350	Serie larga / *Long serie*	T10-T15-T20-T25-T27-T30-T40-T45-T50

COD.	PCS.	g	
65650	9	250	12

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

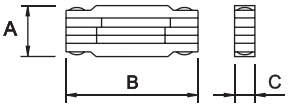
COD.	PCS.	g	
56566	9	300	6

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

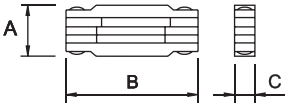


COD.	PCS.	A (mm)	B (mm)	C (mm)	Composición / *Composition* / Composition	g		
61511	8	39	120	32	2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	290	12	●

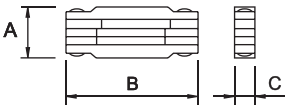
COD.	PCS.	A (mm)	B (mm)	C (mm)	Composición / *Composition* / Composition	g		
61479	7	39	120	32	1/16-5/64-3/32-1/8-5/32-3/16-1/4	330	12	●



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



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

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