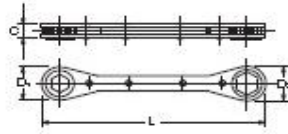




102NM / 102NA

Without reverse lever
Nicht umstellbar
Non réversible

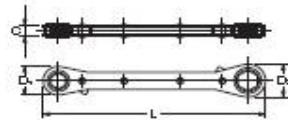


102NM (mm)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
6x7	108	15.3	16.4	7.5	60	10
7x8	108	15.3	16.4	7.5	60	10
8x9	134	17.1	19.7	7.5	80	10
8x10	134	17.1	19.7	7.5	80	10
10x11	140	20.1	22.7	7.5	87	10
10x12	140	20.1	22.7	7.5	87	10
12x13	145	23.6	24.6	9	112	10
12x14	145	23.6	24.6	9	112	10

102NA (inch)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
7/32 x 1/4	108	15.3	16.4	7.5	60	10
1/4 x 9/62	108	15.3	16.4	7.5	60	10
1/4 x 5/16	108	15.3	16.4	7.5	60	10
5/16 x 11/62	134	17.1	19.7	7.5	80	10
5/16 x 3/8	134	17.1	19.7	7.5	80	10
3/8 x 7/16	140	20.1	22.7	7.5	87	10
7/16 x 1/2	145	23.6	24.6	9	112	10
1/2 x 9/16	145	23.6	24.6	9	112	10

102KM / 102KA

Reversible
Umstellbar
Réversible



102KM (mm)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
6x7	108	15.3	16.4	7.5	51	10
7x8	108	15.3	16.4	7.5	51	10
8x9	134	17	20	9	76	10
8x10	134	17	20	9	76	10
10x11	141	21	23.5	9	84	10
10x12	141	21	23.5	9	84	10
12x13	146	24	25	9	89	10
12x14	146	24	25	9	89	5
13x17	200	27.1	31.8	16	190	5
14x17	200	27.1	31.8	16	200	5

102KA (inch)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
7/32x1/4	108	15.3	16.4	7.5	51	10
1/4 x5/16	108	15.3	16.4	7.5	51	10
3/8 x7/16	141	21	23.5	9	84	10
1/2 x9/16	146	24	25	9	89	10

102KM/5

Patented Ring Spanners in Plastic Box
Klappen Ringschlüssel in Kunststoff-Kassette
Clés hexagonales à cliquet en boîte plastique



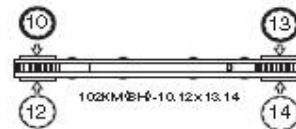
102KM/5	5 Pieces Set	(g)
6x7, 8x9, 10x11, 12x13, 12x14		399

102KM (BH)

With Twin Openings (Two-in-One)
Doppel-Ringschlüssel (zwei Öffnungen in einer)
Ouvertures doubles

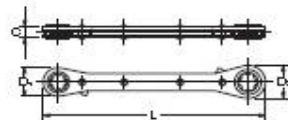


102KM BH (mm)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
5.5- 6x 7- 8	108	15.3	16.4	10	60	10
8- 10x12-13	141	21	23.5	13	87	10
9- 10x11-12	141	21	23.5	13	87	10
10- 12x13-14	146	24	25	13	96	10
13- 14x15-17	200	27.1	31.8	16	200	5



102KT

Reversible TORX®
Umstellbar TORX®
Réversible TORX®



102KT (E)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
E 4xE 6	108	15.3	16.4	7.5	51	10
E 6xE 8	108	15.3	16.4	7.5	51	10
E10xE12	134	17	20	9	76	10

103KM (mm)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
6x 7	108	15.3	16.4	7.5	51	5
7x 8	108	15.3	16.4	7.5	51	5
8x 9	134	17	20	9	76	5
8x10	134	17	20	9	76	5
10x11	140	21	23.5	9	84	5
10x12	140	21	23.5	9	84	5
12x13	145	24	25	9	89	5
12x14	145	24	25	9	89	5

103KA (inch)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
7/32x 1/4	108	15.3	16.4	7.5	51	5
1/4 x 5/16	108	15.3	16.4	7.5	51	5
5/16x11/32	134	17	20	9	76	5
3/8 x 7/16	140	21	23.5	9	84	5
1/2 x 9/16	145	24	25	9	89	5

103KM/5	5 Pieces Set	(g)
6x7, 8x9, 10x11, 12x13, 12x14		399

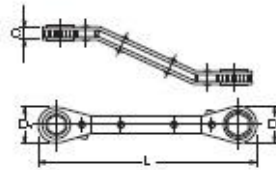
103KT (E)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
E 4xE 6	104	15.3	16.4	7.5	51	5
E 6xE 8	104	15.3	16.4	7.5	51	5
E10xE12	128	17	20	9	76	5
E14xE16	139	24	25	9	89	5

144KM (mm)	L (mm)	D (mm)	C (mm)	(g)	(pcs.)
8	200	22.7	7.5	95	1
12	200	22.7	7.5	102	1

148KM (mm)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
8Sx12	245	23.6	24.6	9	187	1

103KM / 103KA

Reversible
Umstellbar
Réversible



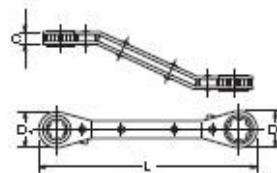
103KM/5

Ratcheting Ring Spanners in Plastic Box
Kharren Ringschlüssel in Kunststoff-Kassette
Clés hélicoïdales à cliquet en boîte plastique



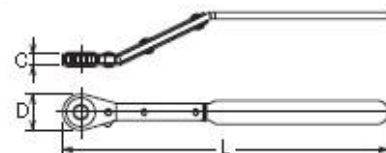
103KT

Reversible TORX®
Umstellbar TORX®
Réversible TORX®



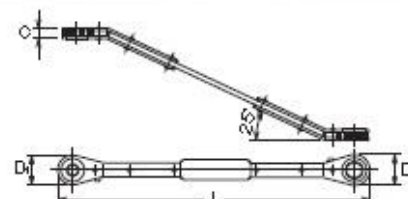
144KM

For Glow Plugs
Für Glühkerzen
Pour bougies de préchauffement



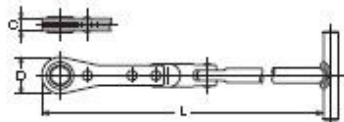
148KM

For Glow Plugs
Für Glühkerzen
Pour bougies de préchauffement



154M

○ Push and Pull-Ratchets
Hub-Knarren
Clé à cliquet de levage



154M (mm)	L (mm)	D (mm)	C (mm)	⚖️ (g)	📦 (pcs.)
8	294	17.1	7.5	178	2
10	297	20.1	7.5	183	2
12	300	23.6	9	189	2
13	301	24.6	9	194	2
14	301	24.6	9	194	2

154ML

○ Push and Pull-Ratchets
Hub-Knarren
Clé à cliquet de levage



154ML (mm)	L (mm)	D (mm)	C (mm)	⚖️ (g)	📦 (pcs.)
10	297	20.1	7.5	230	2
12	300	23.6	9	262	2

1206

○ Push and Pull-Ratchet
Hub-Knarren
Clé à cliquet de levage



1206		3 Pieces Set ⚖️=320g
CARDBOARD BOX		
Sockets		Accessory
○ 150.14H Sockets 12, 14		154K-14

145KM (mm)	L (mm)	D (mm)	C (mm)	(g)	(pcs.)
10H	125	20.1	7.5	72	10



150-10H (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5	12	3.5	11	6	10
6	12	4.5	12.5	7	10
7	12	5	14	7	10
8	12	6	15.5	7	10
9	13	6	16	7	10
10	14.3	7	17	9	10

1203		7 Pieces Set		△=250g
METAL CASE:W130xH65xT20mm				
Sockets		Accessory		
150-10H	145KM-10H			
5, 6, 7, 8, 9, 10				

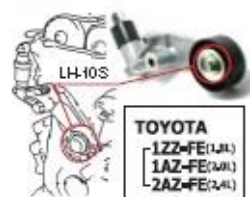
178-10H (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
9	13	11	50	16	10

For the 9mm glow plugs for 2.2L Common Rail Diesel Engine, Fiat, Lancia, Peugeot and Citroën.

Mit diesem speziell geschliffen Steckschlüssel kann die Glühkerze auch dann eingesetzt oder gelöst werden, wenn das Kontaktbleib montiert bleibt. Anwendung: 2.2L Common Rail Diesel-Motoren bei FIAT, LANCIA, PEUGEOT und CITROËN.

Pour les bougies de préchauffage des moteurs Diesel Common Rail 2.2L chez FIAT, LANCIA, PEUGEOT et CITROËN.

145LH3/8F (LH-S)	(mm)	L (mm)	D (mm)	C (mm)	(g)	(pcs.)
10S	3/8"	100	25	15.5	90	10



Belt Tension Pulley Wrench
For LH-10S bolt on TOYOTA engines 1ZZ (1.6L), 1AZ (2.0L) and 2AZ (2.4L) belt tension pulley.

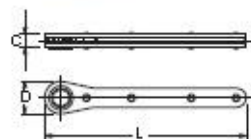
Spann-Ringschlüssel für die LH-10S Schraube an der Riemen-Spannrolle von Toyota Motoren der Typenbezeichnungen 1ZZ(1.6L), 1AZ(2.0L) und 2AZ(2.4L).

Clé mûltifon à cliquet pour les vis LH-10S des poulies de tension des courroies des moteurs TOYOTA 1ZZ(1.6L), 1AZ(2.0L) et 2AZ(2.4L).

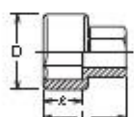
The item has less strength due to the special design.

Wentz is a registered trademark of OSG CORPORATION System Engineering Department
Wentz ist ein registriertes Markenzeichen der Firma OSG CORPORATION System Engineering Department
Wentz est le marque déposée de OSG CORPORATION System Engineering Department

145KM-10H Reversible, 10mm 6-pt. Verstellbar S.W.10mm Réversible 10mm



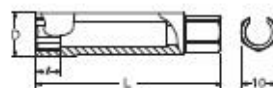
150-10H Sockets with 10mm 6-point Drive End Steckschlüssel mit 10mm Sechskant-Antrieb Douilles à conducteur de 10mm 6-pans mâle



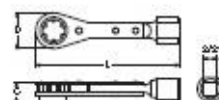
1203 Sockets with 10mm 6-point Drive End in Set with Ratchet Steckschlüssel mit 10mm Sechskant-Antrieb mit Knahe im Satz Jeu de douilles à conducteur 10mm 6-pans mâle, avec cliquet



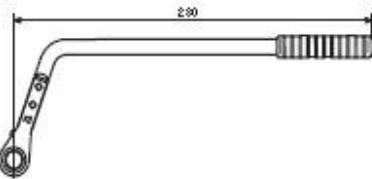
178-10H Glow Plug Socket Glühkerzenschlüssel Douilles pour bougies de préchauffement



145LH3/8F Belt Tension Pulley Wrench Knahe-Ringschlüssel für Riemen-Spannrolle Clé mûltifon à cliquet pour galet-tendeur



1210E Door Hinge Wrench Set
 Montagesatz für Kfz-Türschamiere
 Jeu d'outils spéciaux pour charnières de portes



1210E		11 Pieces Set $\varnothing = 450g$	
PLASTIC BAG			
Sockets/Bits		Accessory	
	179B.12H Sockets 10, 12, 13		146KD-12
	179B.12H XZN Bits M8, M10, M12		
	179B.12H TORX® Bits T40, T45, T50		
	179B.12H Hex Bit 8		

The handle is specially designed to reach narrow space for door hinge work. The set contains various accessories, 12 pt. (bi-hex) sockets, XZN (triple square) bits, TORX bits and HEX bits, can be the solution of difficult door hinge work.

Durch den abgewinkelten Kopf der Klemme erreichen Sie leicht alle schwer zugänglichen Stellen bei Türscharnieren, Koffernumklappen und Motorhauben. Die Bits werden mit einer Halbkugel sicher im Klemmenkopf gehalten, eine zusätzliche Anschlagfeder sorgt für sicheres Arbeiten.

Ce cliquet est spécialement étudié pour atteindre les endroits exigus comme les charnières de portes, les capots moteurs, etc. Les embouts sont maintenus dans le cliquet par une bête et un ressort additionnel.

Applicable to: Audi, BMW, Citroën, Fiat, Ford, Landia, Nissan,
 Anwendbar bei: Smart, Mercedes, Opel, Peugeot, Renault, Rover,
 Utilisable sur: Seat, Skoda, Volkswagen



137	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
	141	23.5	21	9	104	5

1/4" x 3/8"

138	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
	141	23.5	21	9	97	10

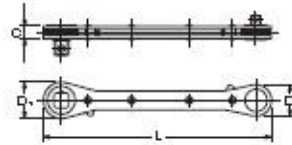
1/4" x 1/4"

139	L (mm)	D (mm)	C (mm)	(g)	(pcs.)
	125	20.1	7.5	80	10

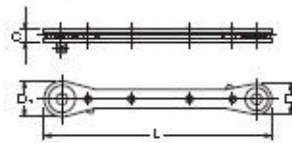
1/4"

R810 (inch)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
1/4x5/16	108	15.3	16.4	7.5	60	10
3/8x7/16	140	20.1	22.7	7.5	87	10
1/2x9/16	145	23.6	24.6	9	112	10

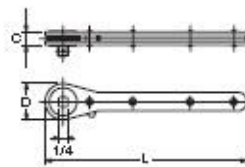
137 For 1/4" and 3/8" Square Drive Sockets
Für Steckschlüssel mit 1/4" und 3/8" Antrieb
Pour douilles d'une carre conducteur de 1/4" et 3/8"



138 For Bits 101
Für Klingen 101
Pour embouts 101



139 For 1/4" Square Drive Sockets
Für Steckschlüssel mit 1/4" Antrieb
Pour douilles d'une carre conducteur de 1/4"

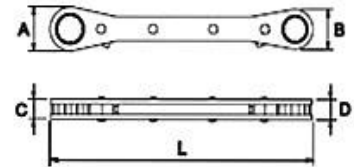


R810 For Bits 101 and 128
Für Klingen 101 und 128
Pour embouts 101 et 128



MM CHAVE LUNETA PLANA COM ROQUETE

COD	AF	L	A	B	C	D	gr.	
65107	8-10	150	18	17	9,0	9,0	90	6
65108	10-11	170	22	19	9,0	9,0	120	6
65109	12-13	180	26	21	9,5	9,5	140	1
65110	14-15	210	33	30	10	10	200	10
65111	14-17	210	33	33	11	10	210	10
65112	19-21	230	40	37	11	10	260	10



INCH.

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

SET

MM

COD	UN.	
68610	6	8-10, 10-11, 12-13, 14-15, 14-17, 19-21

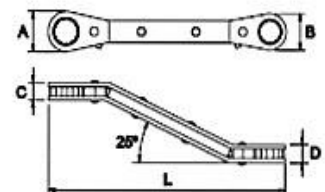
INCH.

COD	UN.	
68611	5	1/4-5/16", 3/8-7/16", 1/2-9/16", 5/8-11/16", 3/4-7/8"



MM CHAVE LUNETA INCLINADA COM ROQUETE

COD	AF	L	A	B	C	D	gr.	
65118	8-10mm	150	20	18	9,5	9,0	85	6
65119	10-11mm	175	25	21	9,5	9,5	120	6
65120	12-13mm	180	29	24	10	9,5	140	1
65121	14-15mm	210	36	33	10	10	200	1
65122	14-17mm	210	40	37	11	10	210	8
65123	19-21mm	230	41	37	11	10	260	8



INCH.

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

SET

MM

COD	UN.	
68612	6	8-10, 10-11, 12-13, 14-15, 14-17, 19-21

INCH.

COD	UN.	
68613	5	1/4-5/16", 3/8-7/16", 1/2-9/16", 5/8-11/16", 3/4-7/8"



101P PH Bit
PH Bits
Embouts, PH



101P (PH)	D (mm)	L (mm)	TS (S)	TS (PCS)
1	6,35	20,5	3	10
2	6,35	20,5	4	10
3	6,35	20,5	5	10

101S Slotted Bit
Schlitze Bits
Embouts, Torx



101S	D (mm)	L (mm)	TS (S)	TS (PCS)
10x7	6,35	15	3	10
12x7	6,35	15	3	10

101H Hex Bit
Sechskant Bit
Embouts, 6 pans creux



101H	D (mm)	L (mm)	TS (S)	TS (PCS)
3	6,35	20,5	5	10
4	6,35	20,5	5	10
5	6,35	20,5	5	10
6	6,35	20,5	5	10
7	6,35	20,5	6	10
8	6,35	20,5	7	10

101B Ball-point Hex Bit
Sechskant Bit
Embouts, 6 pans creux



101B (mm)	D (mm)	L (mm)	TS (S)	TS (PCS)
3	6,35	25	4	10
4	6,35	25	4	10
5	6,35	25	5	10
6	6,35	25	5	10

Ball point bit has lower strength due to the special design. Make sure to use them carefully.

101T (T) TORX® Bit
TORX® Bits
Embouts, TORX®



101T (T)	D (mm)	L (mm)	TS (S)	TS (PCS)
T 9	6,35	25	4	10
T10	6,35	25	4	10
T15	6,35	25	5	10
T20	6,35	25	5	10
T25	6,35	25	5	10
T27	6,35	25	6	10
T30	6,35	25	6	10

101T (TH) Torque-Resistant TORX® Bit
TORX® Bits
Embouts, TORX®



101T (TH)	D (mm)	L (mm)	TS (S)	TS (PCS)
T10H	6,35	25	4	10
T15H	6,35	25	4	10
T20H	6,35	25	5	10
T25H	6,35	25	5	10
T27H	6,35	25	6	10
T30H	6,35	25	6	10

Special finished TORX® bit has a stronger double special design. Make sure to use them carefully.

TORX® is a registered trademark of Acument Intellectual Property, LLC.

128H (mm)	D (mm)	L (mm)	TS (S)	TS (PCS)
3	8	32	11	10
4	8	32	11	10
5	8	32	12	10
6	8	32	12	10
8	8	32	13	10

128H Hex Bit
Sechskant Bit
Embouts, 6 pans creux



128T (T)	D (mm)	L (mm)	TS (S)	TS (PCS)
T10	8	32	9	10
T15	8	32	9	10
T20	8	32	9	10
T25	8	32	10	10
T27	8	32	10	10
T30	8	32	11	10

128T TORX® Bit
TORX® Bits
Embouts, TORX®



101A	D (mm)	S (mm)	L (mm)	TS (S)	TS (PCS)
5	6,35	20	5	10	

101A Adapter
Verbindungsstück
Adapter



1202 15 Pieces Set/15=60g
METAL CASE: W 160xH 60xT 20mm

Bits	Accessories
101P Philips Bits 1, 2, 3	130
101S Slotted Bit 1x7	
101B Ballpoint Hex Bits 3, 4, 5, 6	
101T Torx Bits T10, T15, T20, T25, T27, T30	

1202 Bit Set
Bit Satz
Jeu d'embouts



2254M 12 Pieces Set/12=60g
METAL CASE: W 160xH 100xT 25mm

Bits	Accessories
101P Philips Bits 1, 2, 3	102M-100916
101S Slotted Bit 1x7, 1x2x7	2769F
101H Hex Bits 3, 4, 5	101A
	2137

2254M Bit Set
Bit Satz
Jeu d'embouts



295
Doppelring-Ratschenschlüssel
Double-Box Gear Wrench

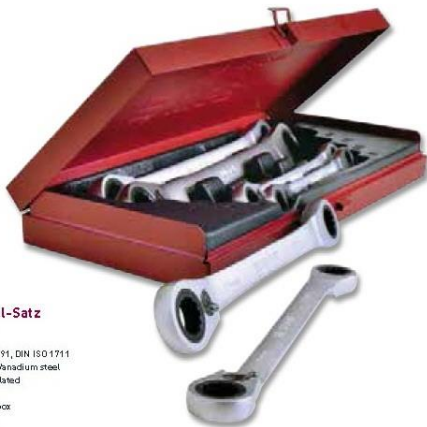


DIN ISO 691, DIN ISO 1711
Chrom-Vanadium Stahl
verchromt
abgewinkelt
beidseitig umschaltbar
72 Zähne

DIN ISO 691, DIN ISO 1711
Chrome-Vanadium steel
chrome plated
offset
reversible
72 teeth

Art.-No.	Ø _{mm}	l _{mm}	Ø _{mm}	Ø _{mm}	€/1
2950803	8x9	130	89	10	26,06
29510113	10x11	145	73	10	26,23
29510133	10x13	150	73	10	27,00
29512133	12x13	175	105	10	27,38

Art.-No.	Ø _{mm}	l _{mm}	Ø _{mm}	Ø _{mm}	€/1
29514153	14x15	190	143	10	27,97
29516183	16x18	215	208	10	33,85
29517193	17x19	235	237	10	34,86



295 MK
Doppelring-Ratschenschlüssel-Satz
Double-Box Gear Wrench Set

DIN ISO 691, DIN ISO 1711
Chrom-Vanadium Stahl
verchromt
abgewinkelt
im Stahlblechkasten
72 Zähne
beidseitig umschaltbar

DIN ISO 691, DIN ISO 1711
Chrome-Vanadium steel
chrome plated
offset
in metal box
72 teeth
reversible

Art.-No.	No.	Maßstab C:1/1	H x B x T h x b x t mm	Ø _{mm}	€/1	
29500013	295MK65	8 x 9 + 10 x 11 + 12 x 13 + 14 x 15 + 16 x 18 + 17 x 19	45 x 200 x 170	1650	1	140,27

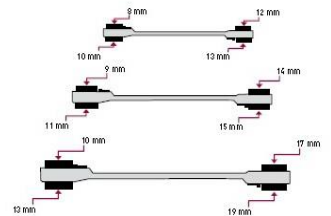


297
4 in 1 Doppelring-Ratschenschlüssel
4 in 1 Double-Box Gear Wrench

DIN ISO 691, DIN ISO 1711
Chrom-Vanadium Stahl
verchromt
gerade
umschaltbar
72 Zähne

DIN ISO 691, DIN ISO 1711
Chrome-Vanadium steel
chrome plated
straight
reversible
72 teeth

Art.-No.	Ø _{mm}	l _{mm}	Ø _{mm}	€/1
29708133	8 x 10 x 12 x 13	140	100	17,99
29709153	9 x 11 x 14 x 15	180	150	20,81
29710193	10 x 13 x 17 x 19	229	282	22,99



Kohlen TOOL CO., LTD.

COD	1/4", 3/8", 3/16", 5/16"	-	95	12	1
63754	1/4", 3/8", 3/16", 5/16"	-	95	12	1

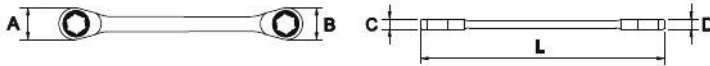
CHAVES DE ROQUETE



COD	1/4", 3/16"	1/2", 9/16"	160	12	1
63755	1/4", 3/16"	1/2", 9/16"	160	12	1



MASTERGEAR E-TORX



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

DIN 1711 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

SET

MM

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

