

ACCESSORIES ZUBEHÖRTEILE ACCESSOIRES



Stud Pullers & Setters

Stehbolzendreher

Extracteurs de goujons

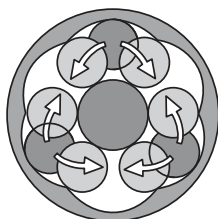
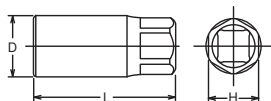
Z-SERIES
HAND
TITANIUM
ACCESSORIES
SCREWDRIVERS
IMPACT
SLEEVE-DRIVE
PROTECTOR
INDUSTRIAL
AUTOMOTIVE
MOTORCYCLE
CONSTRUCTION
SPARE PART

4100M / 4100A

Stud Pullers
Stehbolzendreher
Extracteurs de goujons



STUD BOLT
PULLER



Stud Pullers

Hexagon body design can lessen the excessive load on cages and rollers inside the pullers.

Stehbolzendreher

Der neue Körper mit sechs Walzenmulden verteilt den Druck auf Käfig und Walzen weitaus vorteilhafter.

Extracteurs de goujons

Le nouveau corps de forme hexagonale répartit l'effort de façon plus uniforme sur la cage et les rouleaux.

4100M (mm)		D (mm)	L (mm)	H (mm)	(g)	(pcs.)
5	1/2"	24	65	21	145	10
6		24	65	21	150	10
7		24	65	21	150	10
8		24	65	21	147	10
9		28	75	21	217	10
10		28	75	21	213	10
10.5		28	75	21	202	10
11		28	75	21	218	10
12		28	75	21	220	10
14		34	75	27	340	5
16		34	75	27	315	5

4100A (inch)		D (mm)	L (mm)	H (mm)	(g)	(pcs.)
1/4	1/2"	24	65	21	150	10
5/16		24	65	21	147	10
3/8		28	75	21	213	10
7/16		28	75	21	218	10
1/2		28	75	21	191	10
9/16		34	75	27	340	5
5/8		34	75	27	315	5

* Renewal Kits → **4100MRK/4100ARK** → **P309**



4100M-16 and 4100A-5/8 do not have 1/2" square drive.

Drive the outer hexagon part with 27mm sockets or ring wrenches.

Die Artikel 4100M 16mm und 4100A 5/8" haben keinen 1/2" Antriebsvierkant.

Bitte benutzen Sie den 27mm Aussensechskant.

Les articles 4100M-16 et 4100A-5/8" n'ont pas de carré entraînant 1/2" , veuillez utiliser l'hexagonal 6 pans 27 mm

Tolerance

	4100M (mm)		4100A (inch)
5	4.7- 5	1/4	6 - 6.4
6	5.6- 6	5/16	7.6- 8
7	6.6- 7	3/8	9 - 9.6
8	7.6- 8	7/16	10.5-11.1
9	8.4- 9	1/2	12.1-12.7
10	9.4-10	9/16	13.5-14.3
10.5	9.9-10.5	5/8	15.2-16
11	10.4-11		
12	11.4-12		
14	13.2-14		
16	15.2-16		

4211M / 4211A

Stud Pullers Sets
Stehbolzendreher im Satz
Jeux d'extracteurs de goujons



4211M 4 Pieces Set/△=1,040g

METAL CASE:W215×H80×T47mm

PULLER

4100M Stud Pullers
6, 8, 10, 12

4211A 4 Pieces Set/△=1,040g

METAL CASE:W215×H80×T47mm

PULLER

4100A Stud Pullers
1/4, 5/16, 3/8, 1/2

4214M

Stud Pullers Set
Stehbolzendreher im Satz
Jeux d'extracteurs de goujons



4214M 5 Pieces Set/△=1,450g

METAL CASE:W215×H80×T47mm

PULLER

4100M Stud Pullers
6, 8, 10, 12, 14

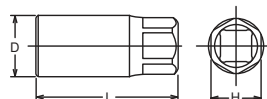
6100M (mm)		D (mm)	L (mm)	H (mm)	(g)	(pcs.)
18	3/4"	48	100	36	840	1
20		48	100	36	816	1
22		48	100	36	745	1
24	⚠	48	100	36	739	1
27		63	125	46	1707	1
28		63	125	46	1701	1
29		63	125	46	1696	1
30		63	125	46	1691	1

* Renewal Kits → 6100MRK → P309

⚠ 6100M-22 to -30 do not have 3/4" square drive.
Drive the outer hexagon part with sockets or ring wrenches
(size 22-24mm = 36H, 27-30mm = 46H.)
Die Stehbolzendreher ab Abmessung 22mm haben keinen 3/4" Antriebsvierkant.
Bitte benutzen sie den Aussensechskant.

Tolerance	
6100M (mm)	
18	16.9-18
20	18.8-20
22	20.8-22
24	22.7-24
27	25.7-27
28	26.7-28
29	27.6-29
30	28.6-30

6100M Stud Pullers Stehbolzendreher Extracteurs de goujons



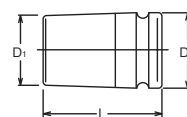
14100M (mm)		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)	
6	1/2"	24	25	48	126	10	*1
7		24	25	48	126	10	*1
8		24	25	48	122	10	*1
9		28	30	48	181	10	*2
10		28	30	48	181	10	*2
12		28	30	48	175	10	*2

14100A (inch)		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)	
1/4	1/2"	24	25	48	126	10	*1
5/16		24	25	48	122	10	*1
3/8		28	30	48	181	10	*2
7/16		28	30	48	181	10	*2
1/2		28	30	48	180	10	*2

*1 C-Ring=C41, Pin/O-Ring=A41/B41 → P256-257
*2 C-Ring=C42, Pin/O-Ring=A42/B42

Tolerance			
14100M (mm)		14100A (inch)	
6	5.6- 6	1/4	6 - 6.4
7	6.6- 7	5/16	7.6- 8
8	7.6- 8	3/8	9 - 9.6
9	8.4- 9	7/16	10.5-11.1
10	9.4-10	1/2	12.1-12.7
12	11.4-12		

14100M / 14100A IMPACT Stud Pullers IMPACT Stehbolzendreher Extracteurs de goujons IMPACT



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141S / 141 Stud Puller Ratchets
Stehbolzenausdreher-Knarren
Dégoujoneuses à cliquet



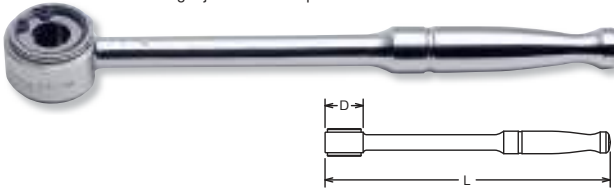
141S (mm)	D (mm)	L (mm)	(g)	(pce.)
6	28	120	150	1
8	28	120	150	1
10	32	120	153	1
12	32	120	152	1

141S (inch)	D (mm)	L (mm)	(g)	(pce.)
5/16	28	120	150	1
3/8	32	120	153	1
1/2	32	120	152	1

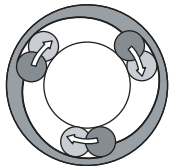
141 (mm)	D (mm)	L (mm)	(g)	(pce.)
6	28	205	215	1
8	28	205	215	1
10	32	205	234	1
12	32	205	233	1

141 (inch)	D (mm)	L (mm)	(g)	(pce.)
5/16	28	205	215	1
3/8	32	205	234	1
1/2	32	205	233	1

141P Stud Puller Ratchets
Stehbolzenausdreher-Knarren
Dégoujoneuses à cliquet



141P (mm)	D (mm)	L (mm)	(g)	(pce.)
6	28	205	210	1
8	28	205	210	1
10	32	205	229	1
12	32	205	227	1



The three roller system can protect the studs from damage.
Das Drei-Rollen-System schont die Stehbolzen.
Le système à trois roulettes n'endommage pas les goujons.



1201 Stud Puller Ratchets
Stehbolzenausdreher-Knarren
Dégoujoneuses à cliquet



1201	4 Pieces Set/△=973g
METAL CASE:W240×H100×T32mm	
PULLER	
141S Stud Puller Ratchet 6, 8, 10, 12	

4104 Stud Puller
Stehbolzendreher
Extracteur de goujons



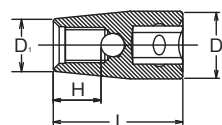
4104	Tolerance	D (mm)		L (mm)		(g)	(pcs.)
		min	max	min	max		
	1/2"	φ 6	φ 19	54	56	489	2

4103M (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)
6(1.0)	1/2"	10.3	22	9	37	54	10
7(1.0)		11.5	22	10	37	58	10
8(1.25)		13.2	22	11	37	60	10
10(1.25)		15.3	23	13	44	86	10
10(1.5)		15.3	23	13	44	86	10
12(1.25)		17.8	23	14	44	86	10
12(1.75)		17.8	23	14	44	86	10

⚠ Depend on the stud bolt and using torque, 4103M/13103M/14103M may cause a scratch against the stud bolts or got stuck itself during a work.

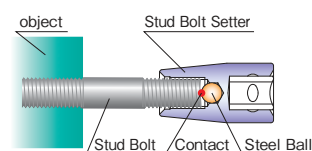


4103M Stud Bolt Setters Stehbolzensetzer Monte-goujons



4203M	4 Pieces Set/△=530g
METAL CASE:W130×H65×T26mm	
Stud Bolt Setter	
4103M Stud Bolt Setters	
6(1.0), 8(1.25), 10(1.5), 12(1.75)	

4203MF	4 Pieces Set/△=530g
METAL CASE:W130×H65×T26mm	
Stud Bolt Setter	
4103M Stud Bolt Setters	
6(1.0), 8(1.25), 10(1.25), 12(1.25)	



A special socket for installing a stud bolt.
Inside steel ball prevents the stud bolt stuck onto the socket. After installing a stud bolt, turn to anti-clockwise to removing the socket.

Spezialwerkzeug zum Setzen von Stehbolzen. Der Bolzen trifft im

Werkzeug nur auf die gehärtete Stahlkugel, was die Kontaktfläche verringert. Nach dem Setzen des Stehbolzens kann das Werkzeug im Linkslauf vom Stehbolzen abgezogen werden.

Douilles spéciales pour monter les goujons.

Le goujon est en contact avec une bille d'acier pour l'empêcher d'adhérer à la douille.

Après avoir posé le goujon, tourner dans le sens antihorlogique pour le retirer

4203M Stud Bolt Setters Set 4203MF Stud Bolt Setters Set Stehbolzensetzer im Satz Jeu de monte-goujons

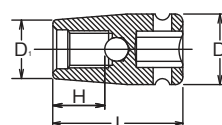


13103M (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
5(0.8)	3/8"	9.5	19	8	32	39	10	*1
6(1.0)		10.8	19	9	32	41	10	*1
7(1.0)		12.5	19	10	32	44	10	*1
8(1.25)		13.5	19	11	35	49	10	*1
10(1.25)		15.8	19	13	35	49	10	*1
10(1.5)		15.8	19	13	35	49	10	*1

*1 C-Ring=C31, Pin/O-Ring=A31/B31 → P256-257

⚠ Depend on the stud bolt and using torque, 4103M/13103M/14103M may cause a scratch against the stud bolts or got stuck itself during a work.

13103M Impact Stud Bolt Setters Impact Stehbolzensetzer Monte-goujons Impact

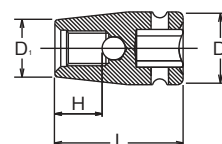


14103M (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
6(1.0)	1/2"	12	25	11	42	75	10	*1
7(1.0)		13.2	25	12	42	78	10	*1
8(1.25)		14.5	25	15	42	81	10	*1
10(1.25)		17	25	18	49	106	10	*1
10(1.5)		17	25	18	49	106	10	*1
12(1.25)		19.5	25	19	49	107	10	*1
12(1.75)		19.5	25	19	49	107	10	*1
14(1.5)		22	25	21	55	128	10	*1
14(2.0)		22	25	21	55	128	10	*1

*1 C-Ring=C41, Pin/O-Ring=A41/B41 → P256-257

⚠ Depend on the stud bolt and using torque, 4103M/13103M/14103M may cause a scratch against the stud bolts or got stuck itself during a work.

14103M Impact Stud Bolt Setters Impact Stehbolzensetzer Monte-goujons Impact



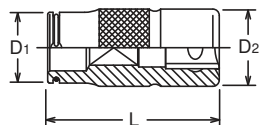
Tap Holder / Die Holder

Halter für Gewindeschneider / Halter für Gewindeschneideisen

Porte taraud / Porte-filière

3131E

Tap Holder
Halter für Gewindeschneider
Porte taraud / porte-filière



TAP HOLDER

3131E		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)
□ 2.1 × ø2.8	3/8"	6.8	18	40	45	10
□ 2.7 × ø3.5		8	18	40	46	10
□ 3.4 × ø4.5		9.5	18	40	47	10
□ 4.9 × ø6		11.5	18	40	48	10
□ 5.5 × ø7		12.5	18	40	49	10
□ 7 × ø9		15	18	40	48	10
□ 9 × ø11		17	18	40	48	10
□ 9 × ø12		18	18	40	48	10

For DIN352, DIN351, DIN2181, DIN5157 tap

3264

Tap Holder set 10 pieces
Halter für Gewindeschneider im Satz
Jeu de portes taraud



3264

10 Pieces Set/1.050g

METAL CASE: W240×H100×T32mm

Sockets	Accessories
3131E □ 2.1 × ø2.8, □ 2.7 × ø3.5, □ 3.4 × ø4.5, □ 4.9 × ø6, □ 5.5 × ø7, □ 7 × ø9, □ 9 × ø11, □ 9 × ø12,	 160K 3760-125

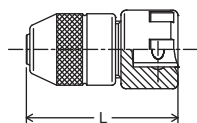
3131A		S(mm)		L (mm)	(g)	(pcs.)
		Min.	Max.			
1	3/8"	2.0	5.0	42	80	5
2		4.5	8.0	47	100	5
4131A		S(mm)		L (mm)	(g)	(pcs.)
		Min.	Max.			
3	1/2"	5.5	12	69	400	2

3131A

Adjustable Tap Holder
Halter für Gewindeschneider, einstellbar

4131A

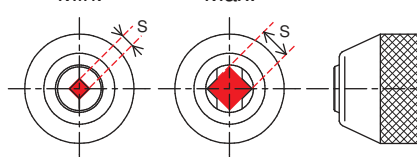
Porte taraud, ajustable



S(mm)

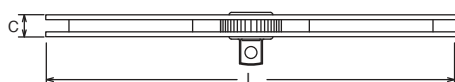
Min.

Max.



160K

Reversible Ratchet
Verstellbare Knarre
Cliquet réversible



Tap is not included.
Gewindeschneider, nicht enthalten.
Taraud non inclus.

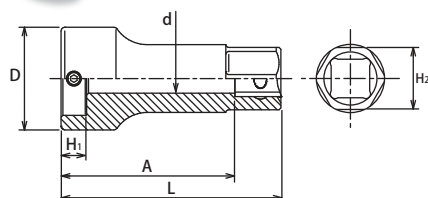
		C (mm)	L (mm)	(g)	(pcs.)
160K	3/8"	10	220	130	1
160K-1/2	1/2"	10	220	135	1

3132

Die Holder
Halter für Gewindeschneideisen

4132

Porte-filière



		D (mm)	H ₁ (mm)	H ₂ (mm)	d (mm)	A (mm)	L (mm)	(g)	(pcs.)
3132-20	3/8"	28	7	17	8	45	60	130	5
4132-25		34	9	22	14	40	60	170	2
4132-38	1/2"	48	13	24	18	60	80	315	2
4132-50		60	16	27	30	85	105	740	2



Die is not included.
Gewindeschneideisen, nicht enthalten.
Filière non inclus.

2127 (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)
4	1/4"	7	13	4	23	14	10
4.5		7.4	13	4	23	14	10
5		8	13	5	23	14	10
5.5		8.8	13	5	23	14	10
6		9.5	13	6	23	14	10
7		10.9	13	6	23	14	10
8		11.5	13	8	23	14	10
9		13	13	8	23	15	10
9.5		13.8	13	10	23	16	10
10		14.8	13	10	23	17	10

RS2127/6	6 Pieces Set/Rail 150mm	(g)
4, 4.5, 5, 5.5, 6, 7		105

RS2127/10	10 Pieces Set/Rail 150mm	(g)
4, 4.5, 5, 5.5, 6, 7, 8, 9, 9.5, 10		180

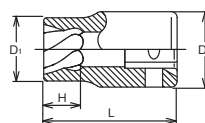
3127 (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	3/8"	11.5	19	8	32	40	10
9		13	19	8	32	40	10
9.5		13.8	19	8	32	41	10
10		14.8	19	10	32	41	10
11		16	19	10	32	43	10
12		17	19	12	32	44	10
13		18.5	19	12	32	46	10
14		19.7	19	14	32	48	10
15		20.7	19	14	32	52	10
16		22.2	22	14	32	66	10
17		23.5	22	16	35	80	10
19		26	22	16	35	92	10

RS3127/8	8 Pieces Set/Rail 200mm	(g)
8, 9, 10, 11, 12, 13, 14, 16		420

3128-80 (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	3/8"	11.5	19	6	80	58	10
9		13	19	6	80	61	10
10		14.8	19	8	80	66	10
11		16	19	8	80	70	10
12		17	19	10	80	77	10
13		18.5	19	10	80	80	10
14		19.7	19	12	80	82	10



2127 NUTTWISTER®



RS2127/6



Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail



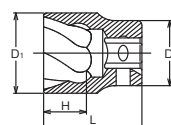
RS2127/10



Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail



3127 NUTTWISTER®



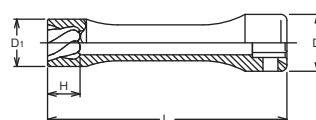
RS3127/8



Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail



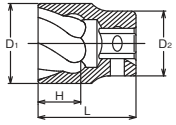
3128 (L80) NUTTWISTER® (Long type)



4127



NUTTWISTER®



4127 (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)
14	1/2"	19.7	30	14	42	125	10
17		23.5	30	16	42	137	10
19		26	30	16	42	146	10
21		28	30	17	42	153	10
22		29.5	30	17	42	158	10
24		32	30	18	42	174	10
25.4		33.5	30	18	42	183	10

RS4127/6



Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

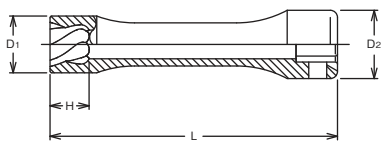


RS4127/6	6 Pieces Set/Rail 200mm	(g)
17, 19, 21, 22, 24, 25.4		960

4128 (L120)



NUTTWISTER® (Long type)



4128-120 (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)
17	1/2"	23.5	30	16	120	227	10
19		26	30	16	120	247	10
21		28	30	17	120	262	10
22		29.5	30	17	120	259	10

A very effective method and easy solution for removing rounded off nuts, bolts and studs. The sharp edges of the NUTTWISTER® Socket opening will tighten around the nut, bolt or stud and turn it easily off.

Eine einfache und wirkungsvolle Methode rund gedrehte Muttern und Bolzen herauszudrehen bzw. zu öffnen.

Die scharfen Kanten der gewundenen NUTTWISTER® Öffnung setzen sich um die Mutter bzw. den Schraubenkopf und drehen sie problemlos heraus.

Il existe une méthode simple mais efficace pour retirer les écrous et les boulons arrondis ainsi que les goujons et les dispositifs de verrouillage des jantes.

Les arêtes vives de la douille NUTTWISTER® vont «mordre» l'écrou, le boulon ou le goujon et permettre ainsi facilement son extraction.



NUTTWISTER®



3129-32 (mm)		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)
2	3/8"	2	19	32	32	10
3		3	19	32	33	10
4		4	19	32	33	10
6		6	19	32	35	10
8		8	19	32	37	10
10		10	19	32	40	10

3129-60 (mm)		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)
2	3/8"	2	19	60	38	10
3		3	19	60	42	10
4		4	19	60	44	10
6		6	19	60	47	10
8		8	19	60	53	10
10		10	19	60	64	10

RS3129/6-L32	6 Pieces Set/Rail 150mm	(g)
2, 3, 4, 6, 8, 10		250

RS3129/6-L60	6 Pieces Set/Rail 150mm	(g)
2, 3, 4, 6, 8, 10		320

4129-37 (mm)		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)
8	1/2"	8	24	37	59	10
10		10	24	37	63	10
12		12	24	37	67	10
14		14	24	37	72	10
16		16	24	37	78	10

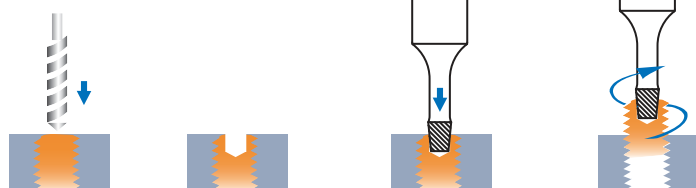
4129-75 (mm)		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)
8	1/2"	8	24	75	80	10
10		10	24	75	94	10
12		12	24	75	110	10
14		14	24	75	130	10
16		16	24	75	150	10

RS4129/5-L37	5 Pieces Set/Rail 150mm	(g)
8, 10, 12, 14, 16		370

RS4129/5-L75	5 Pieces Set/Rail 150mm	(g)
8, 10, 12, 14, 16		600



BOLTTWISTER®

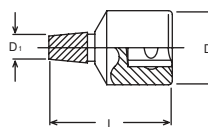


Effective method and easy solution for removing twisted off bolt. Drill a hole in the center of bolt and drive BOLTTWISTER® firmly into the hole. The sharp spiral edges will hold the broken bolt and easily remove it.



BOLTTWISTER®

3129-32 / -60 BOLTTWISTER®



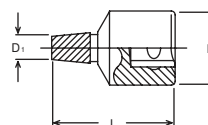
RS3129/6-L32 / -L60



Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail



4129-37 / -75 BOLTTWISTER®



RS4129/5-L37 / -L75



Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

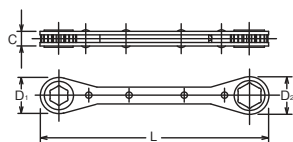


BOLTTWISTER	Bolt size	Drill size
2	M5	φ 2.4 ~ 2.6
3	M6	φ 3.2 ~ 3.5
4	M8	φ 4.2 ~ 4.5
6	M10 ~ M12	φ 6.2 ~ 6.5
8	M14 ~ M16	φ 8.2 ~ 8.5
10	M18 ~ M20	φ 10.2 ~ 10.5
12	M22 ~ M24	φ 12.2 ~ 12.5
14	M27 ~ M30	φ 14.2 ~ 14.5
16	M33	φ 16.2 ~ 16.5

Ratcheting Ring Spanners Knarren-Ringschlüssel Clés hexagonales à cliquet

Z-SERIES
HAND
TITANIUM
ACCESSORIES
SCREWDRIVERS
IMPACT
SLEEVE-DRIVE
PROTECTOR
INDUSTRIAL
AUTOMOTIVE
MOTORCYCLE
CONSTRUCTION
SPARE PART

102NM / 102NA Without reverse lever Nicht umstellbar Non réversible



102NM (mm)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	 (g)	 (pcs.)
6×7	108	15.3	16.4	7.5	60	10
7×8	108	15.3	16.4	7.5	60	10
8×9	134	17.1	19.7	7.5	80	10
8×10	134	17.1	19.7	7.5	80	10
10×11	140	20.1	22.7	7.5	87	10
10×12	140	20.1	22.7	7.5	87	10
11×13	145	23.6	24.6	9	112	10
12×13	145	23.6	24.6	9	112	10
12×14	145	23.6	24.6	9	112	10

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

102KM / 102KA Reversible Umstellbar Réversible



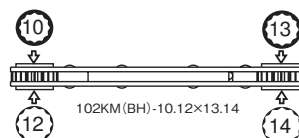
102KM (mm)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	 (g)	 (pcs.)
6×7	108	15.3	16.4	7.2	51	10
7×8	108	15.3	16.4	7.2	51	10
8×9	134	17	20	9.1	76	10
8×10	134	17	20	9.1	76	10
10×11	141	21	23.5	9.1	84	10
10×12	141	21	23.5	9.1	84	10
12×13	146	24	25	9.1	89	10
12×14	146	24	25	9.1	89	5
13×17	200	27.1	31.8	11.5	190	5
14×17	200	27.1	31.8	11.5	200	5

102KA (inch)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	 (g)	 (pcs.)
7/32 × 1/4	108	15.3	16.4	7.2	51	10
1/4 × 5/16	108	15.3	16.4	7.2	51	10
5/16 × 11/32	134	17	20	9	76	10
3/8 × 7/16	141	21	23.5	9.1	84	10
1/2 × 9/16	146	24	25	9.1	89	5

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- 6 × 7- 8	108	15.3	16.4	10	60	10
8 -10×12-13	141	21	23.5	13	87	10
9 -10×11-12	141	21	23.5	13	87	10
10 -12×13-14	146	24	25	13	98	10
13 -14×15-17	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 4×E 6	108	15.3	16.4	7.5	51	10
E 6×E 8	108	15.3	16.4	7.5	51	10
E10×E12	134	17	20	9	76	10

103KM (mm)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
6× 7	108	15.3	16.4	7.5	51	5
7× 8	108	15.3	16.4	7.5	51	5
8× 9	134	17	20	9	76	5
8×10	134	17	20	9	76	5
10×11	140	21	23.5	9	84	5
10×12	140	21	23.5	9	84	5
12×13	145	24	25	9	89	5
12×14	145	24	25	9	89	5

103KA (inch)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
7/32× 1/4	108	15.3	16.4	7.5	51	5
1/4 × 5/16	108	15.3	16.4	7.5	51	5
5/16×11/32	134	17	20	9	76	5
5/16× 3/8	134	17	20	9	76	5
3/8 × 7/16	140	21	23.5	9	84	5
7/16× 1/2	145	24	25	9	89	5
1/2 × 9/16	145	24	25	9	89	5

103KA.BH (inch)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
1/4×5/16	108	15.3	16.4	7.5	51	5
3/8×7/16	140	21	23.5	9	84	5
1/2×9/16	145	24	25	9	89	5

103KT (E)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
E 4×E 6	104	15.3	16.4	7.5	51	5
E 6×E 8	104	15.3	16.4	7.5	51	5
E10×E12	128	17	20	9	76	5
E14×E16	139	24	25	9	89	5

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



150-10H (mm)	D (mm)	H (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
12	17.4	9	19.5	14	10

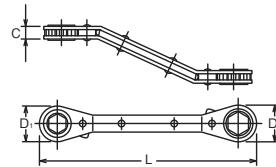
1203	7 Pieces Set/△=250g
METAL CASE:W130×H65×T20mm	
Sockets	Accessory
150.10H 5, 6, 7, 8, 9, 10	145KM-10H

103KM / 103KA

○ Reversible
Umstellbar
Réversible

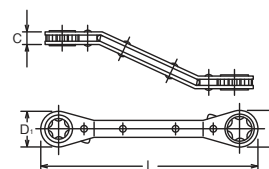
103KA.BH

○ Reversible (12P)
Umstellbar (12P)
Réversible (12P)



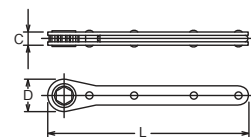
103KT

⬠ Reversible TORX®
Umstellbar TORX®
Réversible TORX®



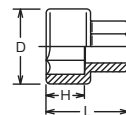
145KM-10H

○ Reversible, 10mm 6-pt.
Verstellbar SW10mm
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

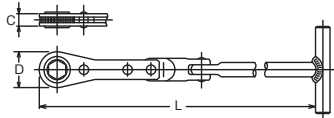
○ Sockets with 10mm 6-point Drive End in Set with Ratchet
Steckschlüssel mit 10mm Sechskant-Antrieb mit Knarre im Satz
Jeu de douilles à conducteur 10mm 6-pans mâle, avec cliquet



Ratcheting Ring Spanners
Knarren-Ringschlüssel
Clés hexagonales à cliquet

Z-SERIES
HAND
TITANIUM
ACCESSORIES
SCREWDRIVERS
IMPACT
SLEEVE-DRIVE
PROTECTOR
INDUSTRIAL
AUTOMOTIVE
MOTORCYCLE
CONSTRUCTION
SPARE PART

154M ○ Push and Pull-Ratchets
Hub-Knarren
Clé à cliquet de levage



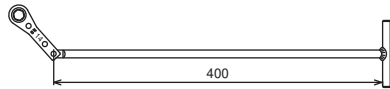
154M (mm)	L (mm)	D (mm)	C (mm)	 (g)	 (pcs.)
8	294	17.1	7.5	178	2
10	297	20.1	7.5	183	2
12	300	23.6	9	189	2
13	301	24.6	9	194	2
14	301	24.6	9	194	2

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	252	2

1206 ○ Push and Pull-Ratchet
Hub-Knarre
Clé à cliquet de levage



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

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

1/4" × 3/8"

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

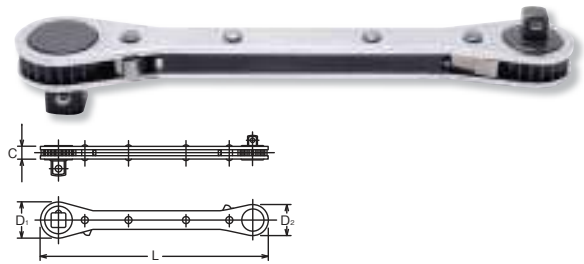
1/4" × 1/4"

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

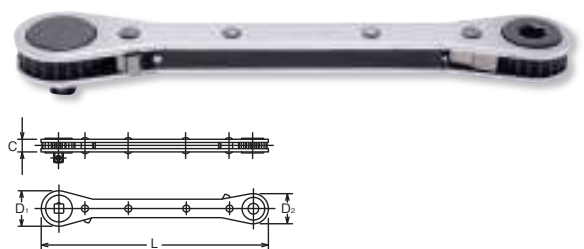
1/4"

R810 (inch)	L (mm)	D ₁ (mm)	D ₂ (mm)	C (mm)	(g)	(pcs.)
1/4×5/16	108	15.3	16.4	7.5	60	10
3/8×7/16	140	20.1	22.7	7.5	87	10
1/2×9/16	145	23.6	24.6	9	112	10

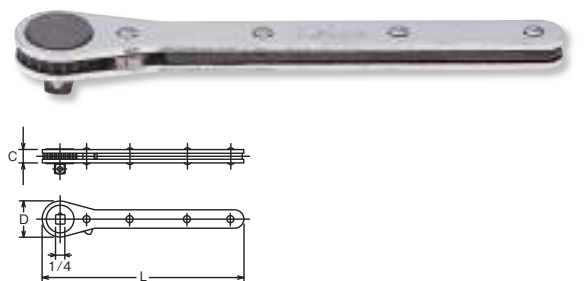
137  For 1/4" and 3/8" Square Drive Sockets
Für Steckschlüssel mit 1/4" und 3/8" Antrieb
Pour douilles d'un carré conducteur de 1/4" et 3/8"



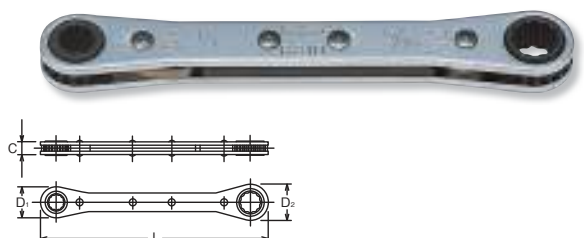
138   For Bits 101
Für Klingen 101
Pour embouts 101



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



R810  Reversible (12P)
Umstellbar (12P)
Réversible (12P)



Ratcheting Ring Spanners

Knarren-Ringschlüssel

Clés hexagonales à cliquet

Z-SERIES

HAND

TITANIUM

ACCESSORIES

SCREWDRIVERS

IMPACT

SLEEVE-DRIVE

PROTECTOR

INDUSTRIAL

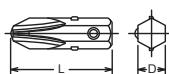
AUTOMOTIVE

MOTORCYCLE

CONSTRUCTION

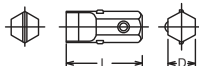
SPARE PART

101P PH Bits PH Bits Embouts, PH



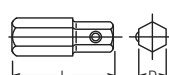
101P (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	20.5	3	10
2	6.35	20.5	4	10
3	6.35	20.5	5	10

101S Slotted Bits Schlitz Bits Embouts, fente



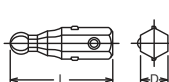
101S	D (mm)	L (mm)	(g)	(pcs.)
1.0x7	6.35	15	3	10
1.2x7	6.35	15	3	10

101H Hex Bits Sechskant Bits Embouts, 6 pans creux



101H (mm)	D (mm)	L (mm)	(g)	(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

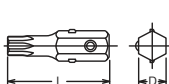
101B Ball-point Hex Bits Sechskant Bits Embouts, 6 pans creux



101B (mm)	D (mm)	L (mm)	(g)	(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

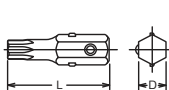
Ball point bits have less strength due to the special design.
Make sure to use them correctly.

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



101T (T)	D (mm)	L (mm)	(g)	(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) Tamper-Resistant TORX® Bits TORX® Bits Embouts, TORX®



101T (TH)	D (mm)	L (mm)	(g)	(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

Tamper Resistant TORX® Bits have less strength due to special design.
Make sure to use it correctly.

128H (mm)	D (mm)	L (mm)	(g)	(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

128T (T)	D (mm)	L (mm)	(g)	(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

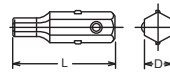
101A	D (mm)	S (mm)	L (mm)	(g)	(pcs.)
	8	6.35	20	8	10

1202		15 Pieces Set/ 420g
METAL CASE: W190×H60×T30mm		
Bits	Accessory	
101P PH Bits 1, 2, 3	138	
101S Slotted Bit 1×7		
101B Ballpoint Hex Bits 3, 4, 5, 6		
101T TORX® Bits T10, T15, T20, T25, T27, T30		

2254M		12 Pieces Set/ 450g
METAL CASE: W160×H100×T28mm		
Bits	Accessories	
101P PH Bits 1, 2, 3	102NA-1/4×5/16	
101S Slotted Bits 1×7, 1.2×7	2769F	
101H Hex Bits 3, 4, 5	101A	
	2137	

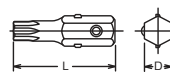
128H

Hex Bits
Sechskant Bits
Embout, 6 pans creux



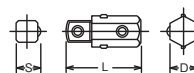
128T

TORX® Bits
TORX® Bits
Embout, TORX®



101A

Adaptor
Verbindungsstück
Adaptateur



1202

Bit Set
Bit-Satz
Jeu d'embouts



2254M

Bit Set
Bit-Satz
Jeu d'embouts



Ratcheting Ring Spanners Knarren-Ringschlüssel Clés hexagonales à cliquet

Z-SERIES
HAND
TITANIUM
ACCESSORIES
SCREWDRIVERS
IMPACT
SLEEVE-DRIVE
PROTECTOR
INDUSTRIAL
AUTOMOTIVE
MOTORCYCLE
CONSTRUCTION
SPARE PART

R810A Bit Set Bit-Satz Jeu d'embouts



R810A 5 Pieces Set/△△=208g	
METAL CASE:W130×H65×T20mm	
Bits	Accessory
+ 101P PH Bits 1, 2, 3	102NA-1/4x5/16
— 101S Slotted Bit 1x7	

R810B Bit Set Bit-Satz Jeu d'embouts



R810B 10 Pieces Set/△△=268g	
METAL CASE:W130×H65×T20mm	
Bits	Accessory
+ 101P PH Bits 1, 2, 3	102NA-1/4x5/16
— 101S Slotted Bit 1x7	
⬢ 128H Hex Bits 3, 4, 5, 6, 8	

R810C Bit and Socket Set Bit und Steckschlüssel Satz Jeu de douilles et d'embouts



R810C 12 Pieces Set/△△=227g	
METAL CASE:W130×H65×T20mm	
Bits, Sockets	Accessories
+ 101P PH Bits 1, 2, 3	102NA-1/4x5/16 101A
— 101S Slotted Bit 1x7	
⬢ 2400M Sockets 5, 6, 7, 8, 9, 10	

R810D Bit and Socket Set Bit und Steckschlüssel Satz Jeu de douilles et d'embouts



R810D 17 Pieces Set/△△=336g	
METAL CASE:W130×H65×T20mm	
Bits, Sockets	Accessories
+ 101P PH Bits 1, 2, 3	102NA-1/4x5/16 101A
— 101S Slotted Bit 1x7	
⬢ 128H Hex Bits 3, 4, 5, 6, 8	
⬢ 2400M Sockets 5, 6, 7, 8, 9, 10	

R810E Socket Set Steckschlüssel Satz Jeu de clés à douilles

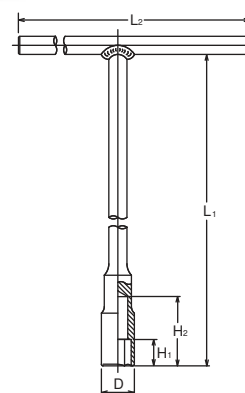


R810E 9 Pieces Set/△△=445g	
METAL CASE:W130×H65×T20mm	
Sockets	Accessories
⬢ 2300M Deep Sockets 6, 7, 8, 9, 10, 11, 12	102NA-1/4x5/16 101A



156M 6-Point Deep
6-kant, lang
Longues 6-pans

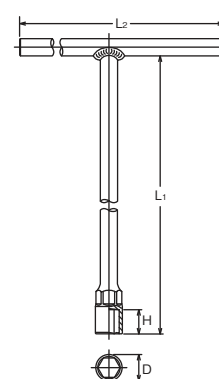
156M (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L ₁ (mm)	L ₂ (mm)	(g)	(pce.)
8	12	9	41	355	200	231	1
10	14.5	11	41	355	200	289	1
12	16.8	13	41	355	200	429	1
14	20	16	41	355	200	454	1



104ME / 104A 6-Point
6-kant
6-pans

104ME (mm)	D (mm)	H (mm)	L ₁ (mm)	L ₂ (mm)	(g)	(pce.)
6	9.5	8	200	180	150	1
7	11	9	200	180	152	1
8	12	10	250	200	183	1
9	14	12	250	200	188	1
10	14	13	250	200	230	1
11	16	14	250	200	234	1
12	18	15	250	200	355	1
13	18.5	17	250	250	390	1
14	20	18	250	250	399	1
15	21	19	250	250	404	1
16	22.5	21	250	250	419	1
17	24	22	250	250	568	1
18	25	23	250	250	577	1
19	26.5	25	250	250	594	1

104A (inch)	D (mm)	H (mm)	L ₁ (mm)	L ₂ (mm)	(g)	(pce.)
1/4	9.5	8	200	180	150	1
5/16	12	10	250	200	183	1
3/8	14	12	250	200	188	1
7/16	16	14	250	200	234	1
1/2	18.5	17	300	250	412	1
9/16	20	18	300	250	428	1
5/8	22.5	21	350	300	528	1
3/4	26.5	25	350	300	717	1



Z-SERIES
HAND
TITANIUM
ACCESSORIES
SCREWDRIVERS
IMPACT
SLEEVE-DRIVE
PROTECTOR
INDUSTRIAL
AUTOMOTIVE
MOTORCYCLE
CONSTRUCTION
SPARE PART

3116M ○ Universal with 6-point Socket
Gelenk mit 6-kant Steckschlüssel
Cardan avec douille 6-pans



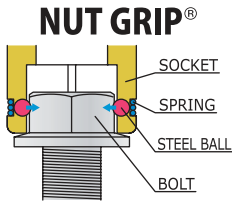
124M-600 (2B)

○ Ball Joint plus Nut Grip Socket
Kugelgelenk mit 2-facher Kugelhalterung
Douilles articulées avec deux billes de retenue



3116M (mm)	D (mm)	H (mm)	L ₁ (mm)	L ₂ (mm)	(g)	(pce.)
10	14.5	8	800	190	796	1
12	17	10.3	800	190	797	1
13	18	11.3	800	190	797	1
14	19.5	11.3	800	190	797	1
15	21	12.8	800	190	799	1
16	22	12.8	800	190	806	1
17	23.6	13.8	800	190	801	1
18	24	13.8	800	190	809	1

124M-600 (mm)	D (mm)	H (mm)	L ₁ (mm)	L ₂ (mm)	(g)	(pce.)
8(2B)	12	5	600	200	332	1
10(2B)	14.5	6	600	200	334	1
12(2B)	16.8	7	600	200	424	1
13(2B)	18	8	600	200	425	1
14(2B)	19.5	8.5	600	200	527	1
17(2B)	23.3	9.5	600	200	538	1



NUT GRIP®

Twin balls at the 6-point opening hold bolt/nut tightly for safe and reliable work.

Die zwei Kugeln in der 6-kant Öffnung unserer NUT GRIP Steckschlüssel halten die Schraube sicher im Steckschlüssel. Dies erlaubt ein Arbeiten auch an schwer zugänglichen Stellen.

Les 2 billes dans l'ouverture du 6-pans de la douille retiennent l'écrou de manière sûre et efficace.

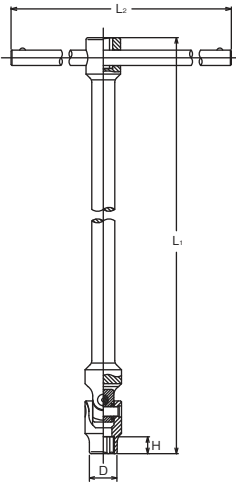


photo: 3116M

157HE For Inhex Screws
Für Innensechskant-Schrauben
Pour vis à 6-pans creux

157HE (mm)	L ₁ (mm)	L ₂ (mm)	(g)	(pce.)
3	250	180	98	1
4	250	180	121	1
5	250	180	158	1
6	250	180	416	1
8	250	180	422	1
10	300	190	440	1
12	320	210	660	1

157T (T)	L ₁ (mm)	L ₂ (mm)	(g)	(pce.)
T25	250	180	95	1
T27	250	180	96	1
T30	250	180	167	1
T40	250	180	168	1
T45	250	180	213	1
T50	250	180	215	1

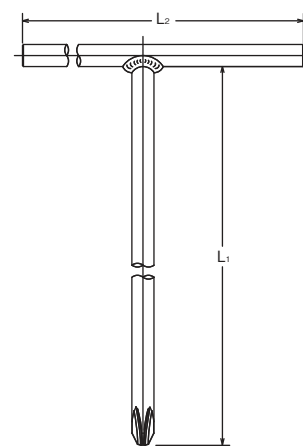
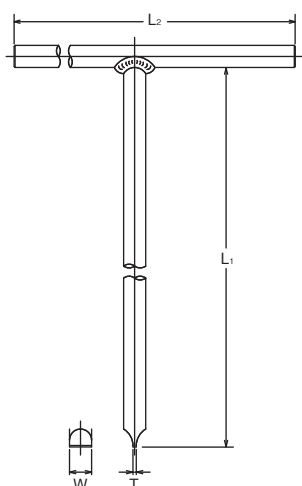
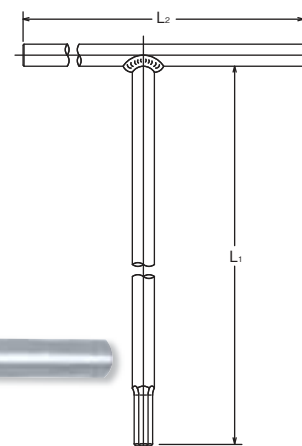
157S	T×W	L ₁ (mm)	L ₂ (mm)	(g)	(pce.)
6	1.0×6	200	180	84	1
8	1.2×8	250	180	170	1

157PE (PH)	L ₁ (mm)	L ₂ (mm)	(g)	(pce.)
2	250	180	95	1
3	250	180	170	1

157T For TORX® Screws
Für TORX®-Schrauben
Pour vis TORX®

157S For Slotted Heads
Für Schlitzschrauben
Pour vis à fente

157PE For PH Screws
Für Kreuzschlitzschrauben, PH
Pour vis à empreinte PH



T-Handles
T-Griffe
Poignées en T

Z-SERIES
HAND
TITANIUM
ACCESSORIES
SCREWDRIVERS
IMPACT
SLEEVE-DRIVE
PROTECTOR
INDUSTRIAL
AUTOMOTIVE
MOTORCYCLE
CONSTRUCTION
SPARE PART

2715  T-Handle
T-Griff
Poignée coulissante



3715  T-Handle
T-Griff
Poignée coulissante



3715S  T-Handle
T-Griff
Poignée coulissante



3715SL  T-Handle
T-Griff
Poignée coulissante



3715SLK  T-Handle
T-Griff
Poignée coulissante



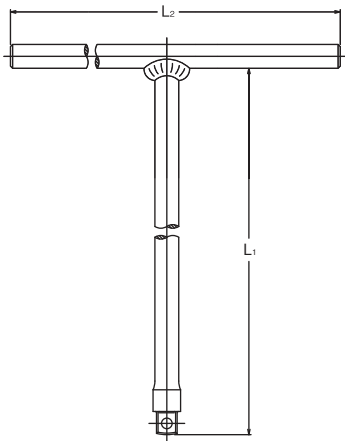
3716  T-Handle
T-Griff
Poignée coulissante



OVAL SHAPE
SHANK



WOBBLE-FIX
EXTENSION BAR



		L ₁ (mm)	L ₂ (mm)	 (g)	 (pcs.)
2715	1/4"	200	120	130	1

		L ₁ (mm)	L ₂ (mm)	 (g)	 (pcs.)
3715	3/8"	268	240	386	1
3715S		268	190	347	1
3715SL		237	200	325	1
3715SLK		236	200	470	1
3716		268	240	379	1

3716
3716 has a reduced square drive and similar function as offset extension bars.



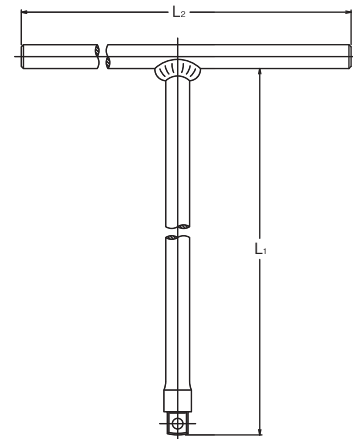
photo: 3715SLK



4715  T-Handle
T-Griff
Poignée coulissante

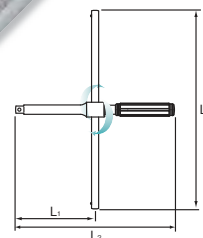
4715S  T-Handle
T-Griff
Poignée coulissante

4715SL  T-Handle
T-Griff
Poignée coulissante



		L ₁ (mm)	L ₂ (mm)	 (g)	 (pce.)
4715		267	255	475	1
4715S		267	170	402	1
4715SL		250	250	640	1

4711X  Spinning cross wrench
T-Griff für die Radmuttermontage
Poignée coulissante pour montage des écrous à roue



		L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	 (g)	 (pce.)
4711X		140	280	350	945	1

Attack Drivers Hand-Schlagschrauber Tournevis à frapper

Z-SERIES
HAND
TITANIUM
ACCESSORIES
SCREWDRIVERS
IMPACT
SLEEVE-DRIVE
PROTECTOR
INDUSTRIAL
AUTOMOTIVE
MOTORCYCLE
CONSTRUCTION
SPARE PART

3112G Attack Driver
Handschlagschrauber
Tournevis à frapper



		L (mm)	 (g)	 (pce.)
3112G	3/8"	159	810	1

4112G Attack Driver
Handschlagschrauber
Tournevis à frapper



		L (mm)	 (g)	 (pce.)
4112G	1/2"	163	810	1
4112N	1/2"	163	730	1

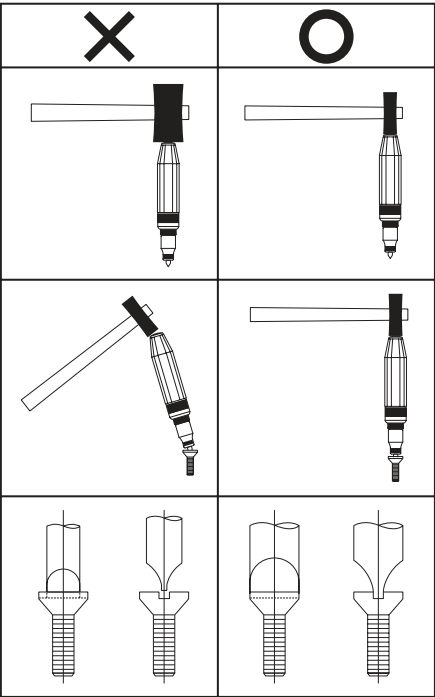
* 4112N Renewal Kits → **4112RK** → **P307**

4112N Attack Driver
Handschlagschrauber
Tournevis à frapper



Black finished striking head prevents the problem of peeling.
Das geschwärzte Schlagende vermeidet das Abspringen von Chromteilen.
La finition "black finish" de la tête évite l'écaillage dû au chromage.

6112 Attack Driver
Handschlagschrauber
Tournevis à frapper



AG318A 6 Pieces Set/△=1,150g
METAL CASE:W220×H82×T60mm

Bits	Accessories
 100P.32 PH Bits 2, 3	 3112G
 100S.32 Slotted Bits 9, 11	 3138

AG112A 6 Pieces Set/△=1,150g
METAL CASE:W220×H82×T60mm

Bits	Accessories
 100P.32 PH Bits 2, 3	 4112G
 100S.32 Slotted Bits 9, 11	 4138

100P, S Bits →P158

AG112H 18 Pieces Set/△=1,480g
METAL CASE:W220×H82×T60mm

Bits	Accessories
 100P.32 PH Bits 2, 3, 4	 4112G
 100S.32 Slotted Bits 8, 9, 10, 12, 14	 4138
 100H.32 Hex Bits 5, 6, 8, 10	
 100T.32 TORX® Bits T30, T40, T45, T50	

100P, S, H, T Bits →P158

AG112F 25 Pieces Set/△=1,530g
METAL CASE:W220×H82×T60mm

Bits	Accessories
 100P.32 PH Bits 2, 3	 4112G
 100P.32 PZ Bits PZ2, PZ3	 4138
 100S.32 Slotted Bits 9, 11	
 100H.32 Hex Bits 4, 5, 6, 7, 8, 10	
 100T.32 TORX® Bits T25, T27, T30, T40, T45, T50	
 100X.32 XZN Bits M5, M6, M8, M10, M12	

100P, S, H, T, X Bits →P158-159

AN112A 6 Pieces Set/△=1,070g
METAL CASE:W190×H59×T45mm

Bits	Accessories
 100P.32 PH Bits 2, 3	 4112N
 100S.32 Slotted Bits 9, 11	 4138

100P, S Bits →P158

AN112C 8 Pieces Set/△=1,350g
METAL CASE:W220×H82×T60mm

Bits	Accessories
 100P.80 PH Bits 1, 2, 3	 4112N
 100S.80 Slotted Bits 7, 9, 12	 4138

100P, S Bits →P158

AG318A Attack Driver Set
Handschlagschrauber-Satz
Jeu de tournevis à frapper



AG112H Attack Driver Set
Handschlagschrauber-Satz
Jeu de tournevis à frapper



AG112F Attack Driver Set
Handschlagschrauber-Satz
Jeu de tournevis à frapper



AN112A Attack Driver Set
Handschlagschrauber-Satz
Jeu de tournevis à frapper

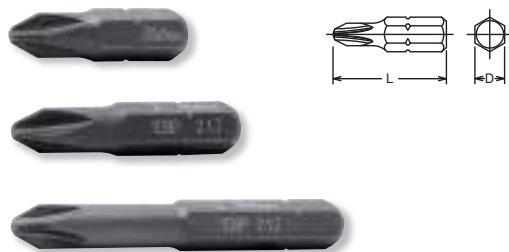


AN112C Attack Driver Set
Handschlagschrauber-Satz
Jeu de tournevis à frapper



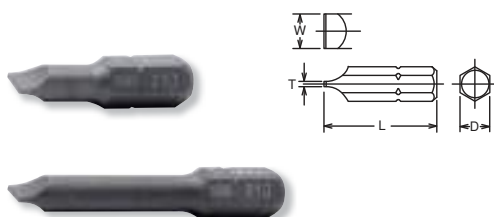
108P-25 / -32 / -50

PH Bits
PH Bits
Embouts, PH



108S-25 / -39

Slotted Bits
Schlitz Bits
Embouts, fente



108H-25

Hex Bits
Sechskant Bits
Embouts, 6 pans creux



108T-25 (T)

TORX® Bits
TORX® Bits
Embouts, TORX®



108T-25 (TH)

Tamper-Resistant TORX® Bits
Tamper-Resistant TORX® Bits
Embouts TORX®, Tamper-Resistant



Tamper Resistant TORX® Bits have less strength due to special design.
Make sure to use it correctly.

108A

Adaptor
Verbindungsstück
Adaptateur



108P-25 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	25	5	10
2	6.35	25	5	10
3	6.35	25	6	10

108P-32 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	32	7	10
2	6.35	32	7	10
3	6.35	32	8	10

108P-50 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	50	10	10
2	6.35	50	11	10
3	6.35	50	11	10

108S-25	TxW (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	0.5x3	6.35	25	3	10
4	0.6x4	6.35	25	3	10
4.5	0.6x4.5	6.35	25	4	10
5	0.8x5	6.35	25	5	10
5.5	0.8x5.5	6.35	25	5	10
6	1.0x6	6.35	25	5	10
8	1.2x8	6.35	25	6	10

108S-39	TxW (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	0.5x3	6.35	39	6	10
4	0.6x4	6.35	39	6	10
4.5	0.6x4.5	6.35	39	6	10
5	0.8x5	6.35	39	7	10
5.5	0.8x5.5	6.35	39	8	10
6	1.0x6	6.35	39	9	10
8	1.2x8	6.35	39	12	10

108H-25 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	6.35	25	4	10
4	6.35	25	5	10
5	6.35	25	5	10
6	6.35	25	6	10
7	6.35	25	7	10
8	6.35	25	8	10
10	6.35	25	11	10

108H-25 (inch)	D (mm)	L (mm)	(g)	(pcs.)
1/8	6.35	25	4	10
9/64	6.35	25	5	10
5/32	6.35	25	5	10
3/16	6.35	25	5	10
7/32	6.35	25	6	10
1/4	6.35	25	7	10

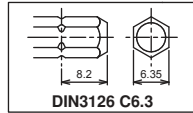
108T-25 (T)	D (mm)	L (mm)	(g)	(pcs.)
T 8	6.35	25	4	10
T10	6.35	25	4	10
T15	6.35	25	4	10
T20	6.35	25	5	10
T25	6.35	25	6	10
T27	6.35	25	6	10
T30	6.35	25	6	10
T40	6.35	25	6	10

108T-25 (TH)	D (mm)	L (mm)	(g)	(pcs.)
T10H	6.35	25	4	10
T15H	6.35	25	4	10
T20H	6.35	25	5	10
T25H	6.35	25	6	10
T27H	6.35	25	6	10
T30H	6.35	25	6	10
T40H	6.35	25	6	10

108A-25	D (mm)	L (mm)	(g)	(pcs.)
1/4B	6.35	25	10	10

		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)
2137	1/4"	12	12	22.5	13	10
3137	3/8"	13	16.5	30	30	10
4137	1/2"	13	22	38	53	10

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts



		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)	
12139	1/4"	11	13	25	15	10	*1
13139	3/8"	11	19	30	32	10	*2
14139	1/2"	11	25	35	62	10	*3

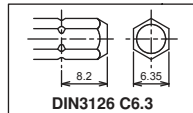
*1 Pin/O-Ring=A21/B21

*2 C-Ring=C31,Pin/O-Ring=A31/B31

*3 C-Ring=C41,Pin/O-Ring=A41/B41

→ P256-257

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts



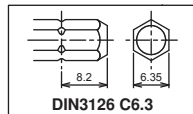
		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)	
13142-D6.3	3/8"	16	19	45	60	10	*1
14142-D6.3	1/2"	16	25	55	97	10	*2

*1 C-Ring=C31,Pin/O-Ring=A31/B31

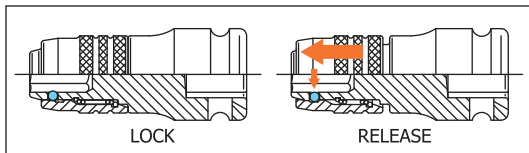
*2 C-Ring=C41,Pin/O-Ring=A41/B41

→ P256-257

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts



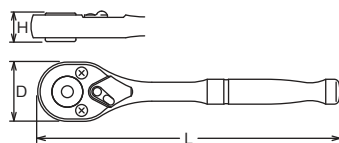
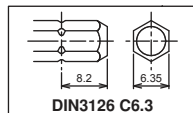
Lock & Quick Release



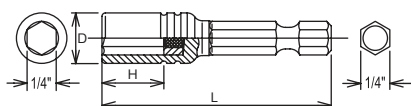
⚠ You may not hold the sliding part while moving to avoid heating up by friction and reduction by wear.

	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
2749P-1/4HF	25	12	125	96	1
2774P-1/4HF	25	12	165	133	1

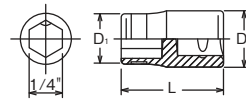
For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts



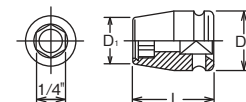
	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
180M-50	11	13.5	50	15	10



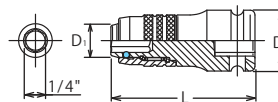
2137 ○ Bit Holder
Klingenhalter
Porte-embouts
3137 ○
4137 ○



12139 ○ Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact
13139 ○
14139 ○



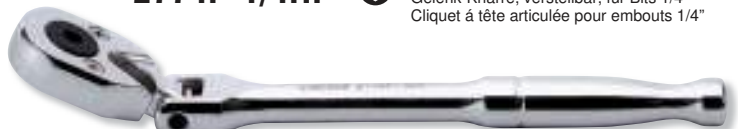
13142-D6.3 ○ Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact
14142-D6.3 ○ ⚠



2749P-1/4HF ○ Reversible Ratchet, for Bits 1/4"
Knarre, verstellbar, für Bits 1/4"
Cliquet, réversible pour embouts 1/4"



2774P-1/4HF ○ Flexible Ratchet, reversible, for Bits 1/4"
Gelenk-Knarre, verstellbar, für Bits 1/4"
Cliquet à tête articulée pour embouts 1/4"

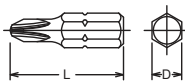


180M-50 ○ Bit Holder with Magnet
Klingenhalter mit Magnet
Porte-embouts avec aimant



100P-32 / -80 / -125

PH Bits
PH Bits
Embout, PH



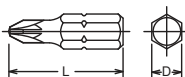
100P-32 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	8	32	11	10
2	8	32	11	10
3	8	32	12	10
4	8	32	12	10

100P-80 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	8	80	30	10
2	8	80	30	10
3	8	80	31	10
4	8	80	32	10

100P-125 (PH)	D (mm)	L (mm)	(g)	(pcs.)
2	8	125	48	10
3	8	125	49	10

100P-32 (PZ)

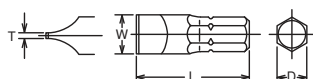
PZ Bits
PZ Bits
Embout, PZ



100P-32 (PZ)	D (mm)	L (mm)	(g)	(pcs.)
PZ2	8	32	10	10
PZ3	8	32	11	10

100S-32 / -80

Slotted Bits
Schlitz Bits
Embout, fente

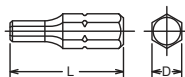


100S-32	T x W (mm)	D (mm)	L (mm)	(g)	(pcs.)
6	1 x 6	8	32	10	10
7	1 x 7	8	32	11	10
8	1.2 x 8	8	32	12	10
9	1.6 x 9	8	32	12	10
10	1.6 x 10	8	32	13	10
11	1.6 x 11	8	32	15	10
12	2 x 12	8	32	18	10
14	2 x 14	8	32	21	10

100S-80	T x W (mm)	D (mm)	L (mm)	(g)	(pcs.)
6	1 x 6	8	80	29	10
7	1 x 7	8	80	30	10
8	1.2 x 8	8	80	31	10
9	1.6 x 9	8	80	32	10
10	1.6 x 10	8	80	33	10
11	1.6 x 11	8	80	33	10
12	2 x 12	8	80	34	10
14	2 x 14	8	80	37	10

100H-32

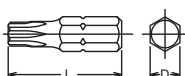
Hex Bits
Sechskant Bits
Embout, 6 pans creux



100H-32 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	8	32	11	10
4	8	32	11	10
5	8	32	12	10
6	8	32	12	10
7	8	32	13	10
8	8	32	13	10
9	8	32	16	10
10	8	32	16	10
11	8	32	20	10
12	8	32	23	10
14	8	32	29	10

100T-32 (T)

TORX® Bits
TORX® Bits
Embout, TORX®



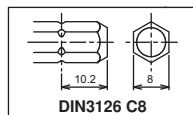
100T-32 (T)	D (mm)	L (mm)	(g)	(pcs.)
T10	8	32	9	10
T15	8	32	9	10
T20	8	32	9	10
T25	8	32	10	10
T27	8	32	10	10
T30	8	32	11	10
T40	8	32	12	10
T45	8	32	12	10
T50	8	32	12	10
T55	8	32	12	10

100T-32 (TH)	D (mm)	L (mm)	(g)	(pcs.)
T10H	8	32	9	10
T15H	8	32	9	10
T20H	8	32	9	10
T25H	8	32	10	10
T27H	8	32	10	10
T30H	8	32	11	10
T40H	8	32	12	10
T45H	8	32	12	10
T50H	8	32	12	10
T55H	8	32	12	10

100X-32	D (mm)	L (mm)	(g)	(pcs.)
M 5	8	32	10	10
M 6	8	32	11	10
M 8	8	32	12	10
M10	8	32	16	10
M12	8	32	19	10

		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)
2138	1/4"	16	16	26	32	10
3138	3/8"	16	18	38	55	10
4138	1/2"	16	22	38	62	10

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts

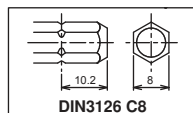


		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)	
12140	1/4"	14	13	25	15	10	*1
13140	3/8"	14	19	30	32	10	*2
14140	1/2"	14	25	35	62	10	*3

*1 Pin/O-Ring=A21/B21
*2 C-Ring=C31,Pin/O-Ring=A31/B31
*3 C-Ring=C41,Pin/O-Ring=A41/B41

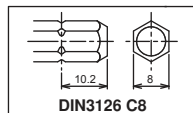
→ P256-257

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts



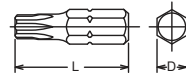
	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
2749P-5/16HF	25	14	125	96	1
2774P-5/16HF	25	14	165	133	1

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts



100T-32 (TH)

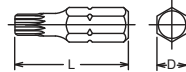
Tamper-Resistant TORX® Bits
Tamper-Resistant TORX® Bits
Embout TORX®, Tamper-Resistant



Tamper Resistant TORX® Bits have less strength due to special design.
Make sure to use it correctly.

100X-32 (XZN)

XZN Bits
XZN Bits
Embout, XZN



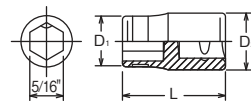
2138

Bit Holder
Klinghalter
Porte-embouts

3138



4138



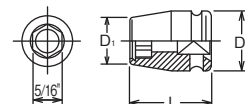
12140

Impact Bit Holder
Impact Klinghalter
Porte embouts Impact

13140



14140



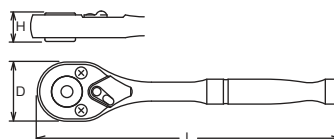
2749P-5/16HF

Reversible Ratchet, for Bits 5/16"
Knarre, verstellbar für Bits 5/16"
Cliquet, réversible pour embouts 5/16"



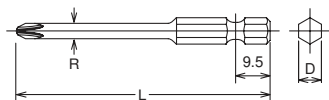
2774P-5/16HF

Flexible Ratchet, reversible, for Bits 5/16"
Gelenk-Knarre, verstellbar, für Bits 5/16"
Cliquet à tête articulée pour embouts 5/16"



121P-50 / -70 / -100 / -150

PH Bits
PH Bits
Embouts, PH



121P-50 (PH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
1	6.35	4.5	50	12	10
2	6.35	5.5	50	12	10
3	6.35	—	50	13	10

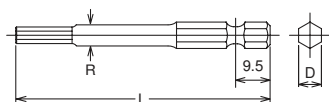
121P-70 (PH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
1	6.35	4.5	70	15	10
2	6.35	5.5	70	15	10
3	6.35	—	70	16	10

121P-100 (PH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
1	6.35	4.5	100	23	10
2	6.35	5.5	100	23	10
3	6.35	—	100	24	10

121P-150 (PH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
1	6.35	4.5	150	30	10
2	6.35	5.5	150	35	10
3	6.35	—	150	36	10

121H-50 / -70 / -100 / -150

Hex Bits
Sechskant Bits
Embouts, 6 pans creux



121H-50 (mm)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
2	6.35	3	50	11	10
2.5	6.35	3	50	12	10
3	6.35	3.5	50	12	10
4	6.35	4.5	50	12	10
5	6.35	5.6	50	13	10
6	6.35	—	50	14	10

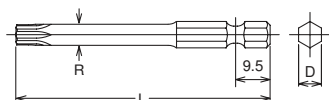
121H-70 (mm)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
2	6.35	3	70	13	10
2.5	6.35	3	70	15	10
3	6.35	3.5	70	15	10
4	6.35	4.5	70	15	10
5	6.35	5.6	70	16	10
6	6.35	—	70	18	10

121H-100 (mm)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
2	6.35	3	100	22	10
2.5	6.35	3	100	23	10
3	6.35	3.5	100	23	10
4	6.35	4.5	100	23	10
5	6.35	5.6	100	24	10
6	6.35	—	100	26	10

121H-150 (mm)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
2	6.35	3.5	150	35	10
2.5	6.35	3.5	150	35	10
3	6.35	3.5	150	37	10
4	6.35	4.5	150	37	10
5	6.35	5.6	150	38	10
6	6.35	—	150	39	10

121T-50 / -70 / -100 / -150 (T)

TORX® Bits
TORX® Bits
Embouts, TORX®



121T-50 (T)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
T10	6.35	3	50	12	10
T15	6.35	3.5	50	12	10
T20	6.35	4.1	50	12	10
T25	6.35	4.6	50	12	10
T27	6.35	5.2	50	13	10
T30	6.35	5.7	50	13	10
T40	6.35	—	50	14	10

121T-70 (T)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
T10	6.35	3.5	70	16	10
T15	6.35	3.5	70	16	10
T20	6.35	4.1	70	16	10
T25	6.35	4.6	70	16	10
T27	6.35	5.2	70	17	10
T30	6.35	5.7	70	17	10
T40	6.35	—	70	18	10

121T-100 (T)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
T10	6.35	3.5	100	24	10
T15	6.35	3.5	100	24	10
T20	6.35	4.1	100	24	10
T25	6.35	4.6	100	24	10
T27	6.35	5.2	100	24	10
T30	6.35	5.7	100	25	10
T40	6.35	—	100	26	10

121T-150 (T)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
T10	6.35	3.5	150	35	10
T15	6.35	3.5	150	37	10
T20	6.35	4.1	150	37	10
T25	6.35	4.6	150	37	10
T27	6.35	5.2	150	37	10
T30	6.35	5.7	150	38	10
T40	6.35	—	150	39	10

121T-70 (TH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
T15H	6.35	3.5	70	15	10
T20H	6.35	4.1	70	16	10
T25H	6.35	4.6	70	16	10
T27H	6.35	5.2	70	17	10
T30H	6.35	5.7	70	17	10
T40H	6.35	—	70	18	10

121T-100 (TH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
T15H	6.35	3.5	100	22	10
T20H	6.35	4.1	100	24	10
T25H	6.35	4.6	100	24	10
T27H	6.35	5.2	100	24	10
T30H	6.35	5.7	100	25	10
T40H	6.35	—	100	26	10

⚠ Tamper Resistant TORX® Bits have less strength due to special design.
Make sure to use it correctly.

121T-50 (IP)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
20IP	6.35	4.1	50	12	10
25IP	6.35	4.6	50	12	10
27IP	6.35	5.2	50	13	10
30IP	6.35	5.7	50	13	10
40IP	6.35	—	50	14	10

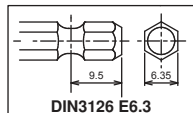
121T-70 (IP)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
20IP	6.35	4.1	70	16	10
25IP	6.35	4.6	70	16	10
27IP	6.35	5.2	70	17	10
30IP	6.35	5.7	70	17	10
40IP	6.35	—	70	18	10

	□	D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)	⚡
12137E	1/4"	12	13	36	22	10	*1
13137E	3/8"	12	19	40	40	10	*2
14137E	1/2"	12	25	48	70	10	*3

*1 Pin/O-Ring=A21/B21
*2 C-Ring=C31, Pin/O-Ring=A31/B31
*3 C-Ring=C41, Pin/O-Ring=A41/B41

→ P256-257

For DIN3126 E6.3 Bits
Für DIN3126 E6.3 Bits
Pour DIN3126 E6.3 Embouts



12137E, 13137E and 14147E can be used with various 1/4" bits, DIN 3126-C6.3, DIN 3126-E6.3 and Double ended type.

Die neuen Bithalter können für alle 1/4" Bits DIN 3126-C6.3, DIN 3126-E6.3 und für doppelseitige Bits verwendet werden.

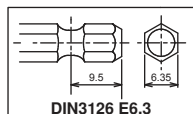
Ces nouveaux porte embouts peuvent être utilisés avec tous les embouts 1/4" DIN 3126 E-6.3 et DIN 3126 C6.3

	□	D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)	⚡
12142-F6.3	1/4"	16.5	13	40	22	10	*1
13142-F6.3	3/8"	16.5	19	45	60	10	*2
14142-F6.3	1/2"	16.5	25	55	100	10	*3

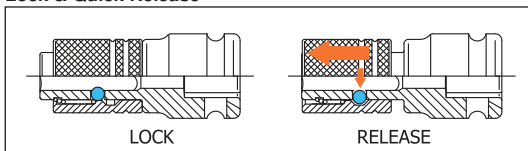
*1 Pin/O-Ring=A21/B21
*2 C-Ring=C31, Pin/O-Ring=A31/B31
*3 C-Ring=C41, Pin/O-Ring=A41/B41

→ P256-257

For DIN3126 E6.3 Bits
Für DIN3126 E6.3 Bits
Pour DIN3126 E6.3 Embouts



Lock & Quick Release

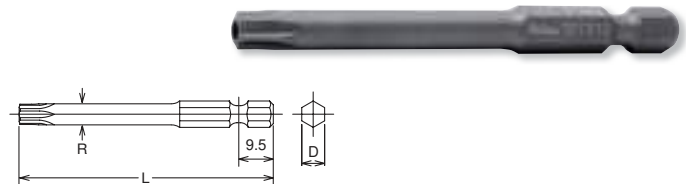


⚠ You may not hold the sliding part while moving to avoid heating up by friction and reduction by wear.

TORXplus is a registered trademark of CAMCAR Innovations.
TORXplus ist ein registriertes Markenzeichen der Firma CAMCAR Innovations.
TORXplus est une marque déposée de CAMCAR Innovations.

121T-70 / -100 (TH)

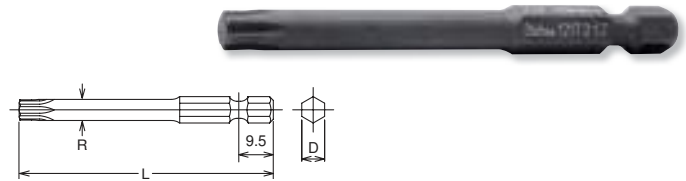
⚙ Tamper-Resistant TORX® Bits
Tamper-Resistant TORX® Bits
Embout TORX®, Tamper-Resistant



121T-50 / -70 (IP)

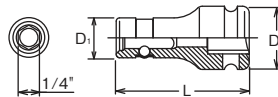
⚙ TORXPLUS® Bits
TORXPLUS® Bits
Embout TORXPLUS®

TORXplus



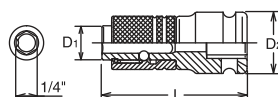
12137E 13137E 14137E

⚙ Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact



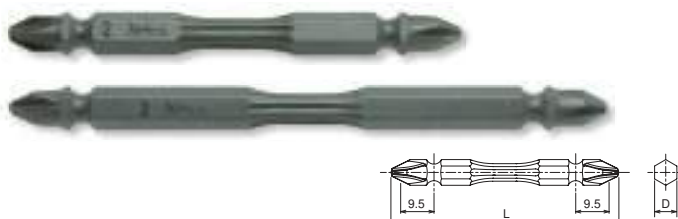
12142-F6.3 13142-F6.3 14142-F6.3

⚙ Impact Bit Holder (Quick Release)
Impact Klingenhalter (Quick Release)
Porte embouts Impact (Quick Release)

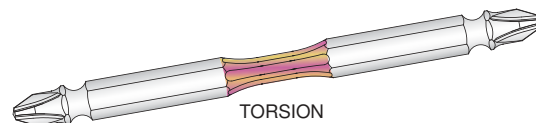


123PT-75 / -100

⊕ Double ended Torsion Bits, PH
Doppelseitige Torsionsbits, PH
Emboutis torsion double face, PH



123PT (PH)	D (mm)	L (mm)	(g)	(pcs.)
2	6.35	75	18	10
2	6.35	100	24	10

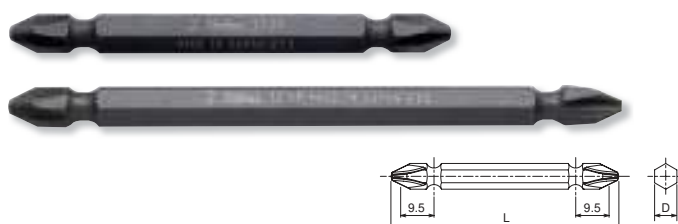


123PN-75 / -100

⊕ Double ended Bits, PH
Doppelseitige bits, PH
Emboutis double face, PH

123PG-75 / -100

⊕ Magnetic type
Magnetisch
Type magnétique



123PN.75 123PG.75 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	75	16	10
2	6.35	75	16	10
3	6.35	75	17	10

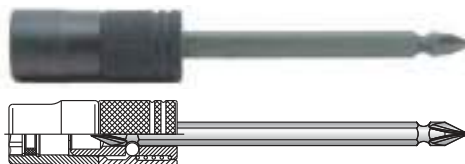
123PN.100 123PG.100 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	100	23	10
2	6.35	100	23	10
3	6.35	100	24	10

165LM

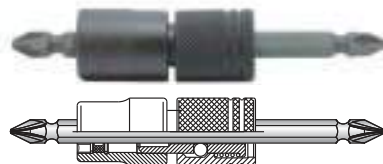
○ Slide Socket with Magnet
Gleitsteckschlüssel mit Magnet
Clé à douille coulissante avec aimant



Nut Setter



Phillips Bit



165BM

○ Double-sided socket with side magnets
Doppelseitiger Schiebsteckschlüssel mit Seitenmagneten
Clé à douille double face, coulissante avec aimants latéraux



165LM.45 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	13.5	3.5	45	55	10
10	16	4.2	45	58	10
12	18.5	5.6	45	65	10
13	20	6	45	68	10
14	21	6.4	45	70	10

Slide the socket by pulling holder, and pull back the socket to lock on the bit groove.
Ring magnet holds a bolt or nut for easy work.

Schieben Sie den Gleitsteckschlüssel durch Ziehen an der Hülse des Halters.
Ziehen Sie das Werkzeug soweit zurück bis es sich in der Nut des Bits verriegelt.
Zur Arbeitserleichterung hält der Ringmagnet die Schraube bzw. die Mutter.

Poussez la clé à douille coulissante en tirant sur le support.
Tirez l'outil vers l'arrière jusqu'à ce qu'il s'enclenche dans la rainure de la meche.
L'aimant maintient la vis ou l'écrou pour faciliter le travail.

⚠ You may not hold the sliding part while moving to avoid heating up by friction and reduction by wear.

Sie dürfen das Gleiteil nicht während der Bewegung halten, um Erwärmung durch Reibung und unnötigen Verschleiß zu vermeiden.

Ne pas tenir la partie coulissante pendant le mouvement pour éviter l'échauffement du au frottement et à l'usure inutile.

⚠ Please handle with care. The magnet could be broken with any impacts.

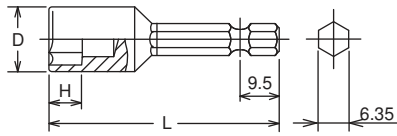
Der Magnet kann durch Stöße beschädigt werden. Bitte gehen Sie vorsichtig vor.

L'aimant peut être endommagé par des chocs importants. Veuillez procéder avec précaution.

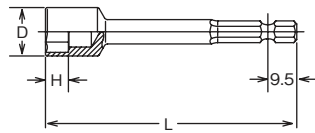
165BM.70 (mm)	D ₁ (mm)	D ₂ (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
8×10	13	16	5	6	70	55	10

165BM.80 (mm)	D ₁ (mm)	D ₂ (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
10×12	16	19.1	6	8	80	80	10
New 10×13	16	20.5	8	8	80	80	10

165BM.100 (mm)	D ₁ (mm)	D ₂ (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
New 10×12	16	19.1	8	8	100	95	10
New 10×14	16	21.5	8	10	100	105	10
New 12×14	19.1	21.5	8	10	100	130	10



113-50 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
5.5	9	4	50	15	10
6	10	5	50	17	10
7	11	5	50	19	10
8	12	6	50	20	10
10	14.2	7	50	31	10
11	16	8	50	28	10
12	17	8	50	39	10
13	18	8	50	42	10
14	19	9	50	46	10



113-75 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	75	31	10
8	12.7	6	75	32	10
10	14.5	7	75	35	10
12	17	8	75	42	10
13	18	8	75	41	10
14	19	9	75	43	10

113-150 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	150	59	10
8	12.7	6	150	60	10
10	14.5	7	150	64	10
12	17	8	150	70	10
13	18	8	150	76	10
14	19	9	150	78	10

113-250 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	250	99	10
8	12.7	6	250	100	10
10	14.5	7	250	105	10
12	17	8	250	113	10
13	18	8	250	114	10
14	19	9	250	119	10

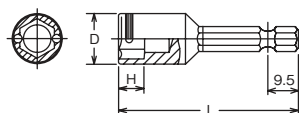
113-50 (E)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
E 4	6.1	4.5	50	12	10
E 5	7.5	4.5	50	15	10
E 6	8.3	5.0	50	17	10
E 7	8.8	5.8	50	18	10
E 8	10.1	6.6	50	19	10
E10	12	7.4	50	20	10

113-50 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
7(2B)	11	5	50	20	10
8(2B)	12	6	50	21	10
10(2B)	14.2	7	50	26	10
13(2B)	18	8	50	31	10

113-50 (inch)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3/8(2B)	14.2	7	50	26	10



NUT GRIP®



113-50



Nut Setters
Steckschlüssel Klingen
Embout pour écrous



113-50 (inch)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/4	10	5	50	17	10
5/16	12	6	50	20	10
3/8	14.2	7	50	31	10
1/2	18	8	50	42	10

113-75 / -100 / -150 / -200 / -250



Nut Setters
Steckschlüssel Klingen
Embout pour écrous



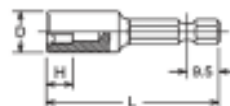
113-100 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	100	40	10
8	12.7	6	100	41	10
10	14.5	7	100	45	10
12	17	8	100	52	10
13	18	8	100	51	10
14	19	9	100	53	10

113-200 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	200	78	10
8	12.7	6	200	79	10
10	14.5	7	200	83	10
12	17	8	200	91	10
13	18	8	200	93	10
14	19	9	200	95	10

113-50 (E)



Nut Setters, TORX®
Steckschlüssel Klingen, TORX®
Embout pour écrous, TORX®



113-50 (2B)



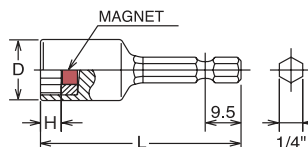
Nut Setters, with 2 Balls
Steckschlüssel Klingen, mit 2-facher Kugelhalterung
Douilles à billes de retenue
Nut Grip®



115-50



Nut Setters with Magnet
Steckschlüssel Klingen mit Magnet
Embouts avec aimant pour écrous



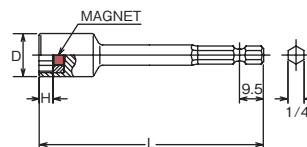
115-50 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
5.5	9	2.1	50	15	10
6	10	2.4	50	17	10
7	11	2.8	50	19	10
8	12	3.5	50	20	10
10	14.2	4.2	50	29	10
11	16	4.9	50	35	10
12	17	5.6	50	40	10
13	18	6	50	50	10
14	19	6.4	50	60	10

115-50 (inch)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/4	10	2.4	50	17	10
5/16	12	3.5	50	20	10
3/8	14.2	4.2	50	29	10
1/2	18	6	50	50	10

115-75 / -100 / -150 / -200 / -250



Nut Setters with Magnet
Steckschlüssel Klingen mit Magnet
Embouts avec aimant pour écrous



115-75 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	75	32	10
8	12.7	3.5	75	33	10
10	14.5	4.2	75	38	10
12	17	5.6	75	46	10
13	18	6	75	49	10
14	19	6.4	75	52	10

115-100 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	100	41	10
8	12.7	3.5	100	42	10
10	14.5	4.2	100	50	10
12	17	5.6	100	58	10
13	18	6	100	62	10
14	19	6.4	100	65	10

115-150 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	150	60	10
8	12.7	3.5	150	61	10
10	14.5	4.2	150	68	10
12	17	5.6	150	77	10
13	18	6	150	82	10
14	19	6.4	150	85	10

115-200 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	200	79	10
8	12.7	3.5	200	80	10
10	14.5	4.2	200	88	10
12	17	5.6	200	97	10
13	18	6	200	102	10
14	19	6.4	200	105	10

115-250 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	250	101	10
8	12.7	3.5	250	103	10
10	14.5	4.2	250	110	10
12	17	5.6	250	118	10
13	18	6	250	122	10
14	19	6.4	250	124	10

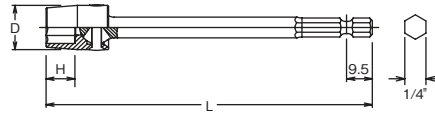


113UN-100 / -150 / -200

6-point Universal Joint Nut Setters
6-kant Steckschlüsselklingen mit Gelenk
Douilles 6-pans articulées à embout

113UN-100 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	13	7	100	50	10
10	15	8	100	53	10
12	17	10	100	56	10
13	18	10	100	65	10
14	19.2	10	100	67	10

113UN-150 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	13	7	150	65	10
10	15	8	150	70	10
12	17	10	150	77	10
13	18	10	150	92	10
14	19.2	10	150	92	10



113UN-200 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	13	7	200	75	10
10	15	8	200	87	10
12	17	10	200	98	10
13	18	10	200	116	10
14	19.2	10	200	116	10

115G-75 / -100 / -150 / -200 / -250

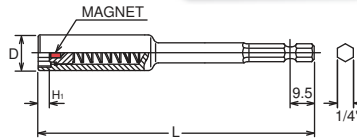
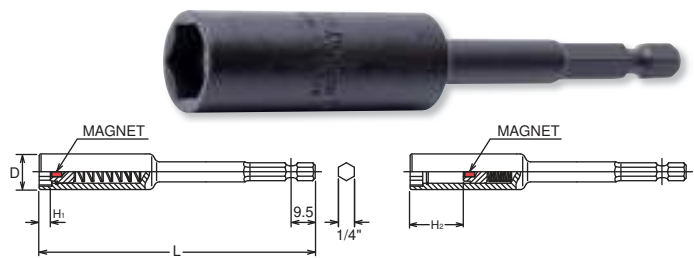
Nut Setters with sliding Magnet
Steckschlüssel Klingen mit versenkbarem Magnet
Embout avec aimant, glissant pour écrous



115G-75 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
7	11.5	3.5	26	75	34	10
8	12.7	4	26	75	41	10
10	14.5	4.5	26	75	48	10
12	17	6	26	75	65	10
13	18	6.5	25	75	70	10
14	19	7	24	75	73	10

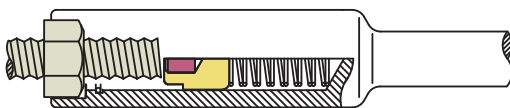
115G-150 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
7	11.5	3.5	26	150	67	10
8	12.7	4	26	150	70	10
10	14.5	4.5	26	150	77	10
12	17	6	26	150	95	10
13	18	6.5	25	150	100	10
14	19	7	24	150	105	10

115G-250 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
8	12.7	4	26	250	110	10
10	14.5	4.5	26	250	120	10
12	17	6	26	250	130	10
13	18	6.5	25	250	150	10



115G-100 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
7	11.5	3.5	26	100	51	10
8	12.7	4	26	100	51	10
10	14.5	4.5	26	100	57	10
12	17	6	26	100	77	10
13	18	6.5	25	100	80	10
14	19	7	24	100	82	10

115G-200 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
7	11.5	3.5	26	200	86	10
8	12.7	4	26	200	89	10
10	14.5	4.5	26	200	96	10
12	17	6	26	200	119	10
13	18	6.5	25	200	125	10
14	19	7	24	200	128	10



Sliding magnet system provides bolt clearance and magnetic function at the same time. The item 115G is mainly designed for assembly line work.

Die Steckschlüsselklinge mit versenkbarem Magnet bietet die Funktion eines Haltemagneten und genügend Freiraum für überstehende Bolzen. Dieses Werkzeug eignet sich vor allem für Montagearbeiten.

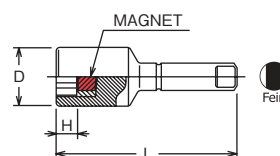
L'embout avec aimant glissant offre une fonction d'aimant et laisse assez d'espace pour des goujons surmontés. L'objet 115G a été conçu spécialement pour le travail d'assemblage.

119 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
5.5	9	2.1	50	17	10
6	10	2.4	50	20	10
7	11	2.8	50	22	10
8	12	3.5	50	23	10
10	14.2	4.2	50	30	10
12	17	5.6	50	42	10
13	18	6	50	52	10

119 (inch)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/4	10	1.8	50	20	10
5/16	12	3.5	50	23	10
3/8	14.2	4.2	50	30	10

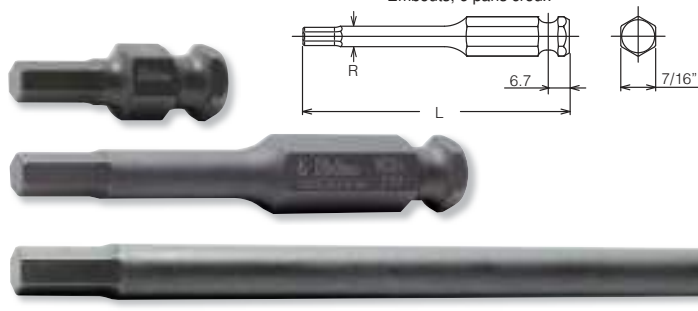
119

Nut Setters with Magnet
Steckschlüssel Klingen mit Magnet
Embout avec aimant pour écrous

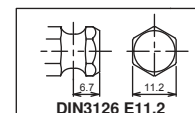


183H-35 / -75 / -150

Hex Bits
Sechskant Bits
Embouts, 6 pans creux



183H-35 (inch)	L (mm)	(g)	(pcs.)
3/16	35	15	10
7/32	35	16	10
1/4	35	18	10
5/16	35	20	10
3/8	35	26	10
7/16	35	28	10
1/2	35	38	10



183H-35 (mm)	L (mm)	(g)	(pcs.)
3	35	15	10
4	35	15	10
5	35	15	10
6	35	18	10
7	35	19	10
8	35	20	10
9	35	23	10
10	35	26	10
11	35	28	10
12	35	30	10
14	35	35	10
16	35	47	10
17	35	50	10
18	35	53	10
19	35	56	10



183H-75 (mm)	L (mm)	R (mm)	(g)	(pcs.)
3	75	6	34	10
4	75	6	35	10
5	75	6.5	36	10
6	75	7.5	39	10
7	75	8.5	44	10
8	75	9.5	47	10
10	75	-	57	10
11	75	-	60	10
12	75	-	65	10
14	75	-	79	10

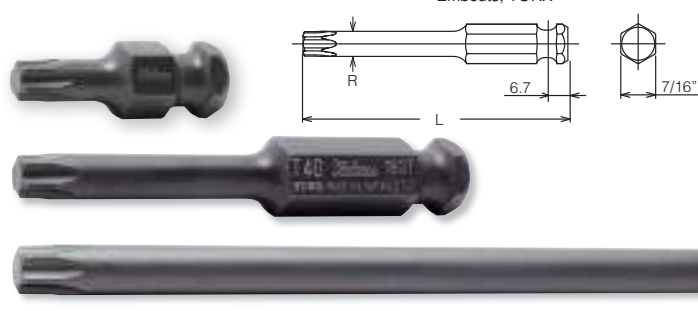


183H-150 (mm)	L (mm)	R (mm)	(g)	(pcs.)
4	150	6	51	10
5	150	6.5	55	10
6	150	7.5	65	10
8	150	9.5	87	10
10	150	-	118	10
12	150	-	136	10

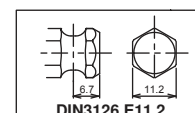


183T-35 / -75 / -150 (T)

TORX® Bits
TORX® Bits
Embouts, TORX®



183T-35 (T)	L (mm)	(g)	(pcs.)
T25	35	18	10
T30	35	18	10
T40	35	20	10
T45	35	22	10
T50	35	26	10
T55	35	30	10
T60	35	38	10



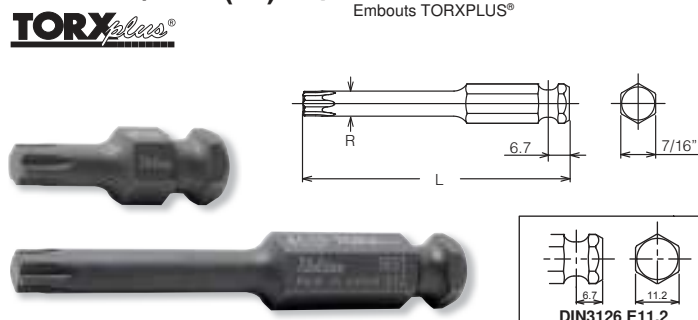
183T-75 (T)	L (mm)	R (mm)	(g)	(pcs.)
T30	75	6	35	10
T40	75	6.9	37	10
T45	75	8	41	10
T50	75	9	45	10
T55	75	11.4	55	10
T60	75	13.5	67	10



183T-150 (T)	L (mm)	R (mm)	(g)	(pcs.)
T30	150	6	50	10
T40	150	6.9	58	10
T45	150	8	70	10
T50	150	9	82	10
T55	150	11.4	113	10

183T-35 / -75 (IP)

TORXPLUS® Bits
TORXPLUS® Bits
Embouts TORXPLUS®



183T-35 (IP)	L (mm)	(g)	(pcs.)
30IP	35	18	10
40IP	35	20	10
45IP	35	22	10
50IP	35	26	10
55IP	35	30	10
60IP	35	38	10



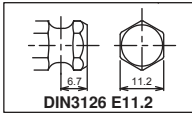
183T-75 (IP)	L (mm)	R (mm)	(g)	(pcs.)
30IP	75	6	35	10
40IP	75	6.8	37	10
45IP	75	8	41	10
50IP	75	9	45	10
55IP	75	11.4	56	10
60IP	75	13.5	67	10



The items with ⚠ have larger output size than 7/16" input hex drive.
Due to this design the Maximum output torque rating is less than standards.

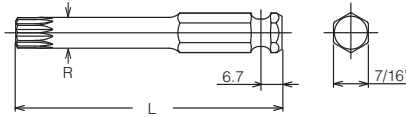
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TORX® et TORXPLUS® sont des marques déposées sous le nom de la société CAMCAR Innovations.

183X-35 (XZN)	L (mm)	(g)	(pcs.)
M 4	35	18	10
M 5	35	18	10
M 6	35	20	10
M 8	35	22	10
M10	35	26	10
M12	35	30	10
M14	35	38	10



183X-35 / -75 / -150 (XZN)

XZN Bits
XZN Bits
Embout, XZN



183X-75 (XZN)	L (mm)	R (mm)	(g)	(pcs.)
M 4	75	6	34	10
M 5	75	6	34	10
M 6	75	6.2	36	10
M 8	75	7.4	39	10
M10	75	9.8	54	10
M12	75	11.7	57	10
M14	75	13.5	67	10

183X-150 (XZN)	L (mm)	R (mm)	(g)	(pcs.)
M 5	150	6	50	10
M 6	150	6.2	53	10
M 8	150	7.4	64	10
M10	150	9.8	93	10
M12	150	11.7	121	10

The items with have larger output size than 7/16" input hex drive.
Due to this design the Maximum output torque rating is less than standards.

		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)	
13134	3/8"	22.5	22	32	70	10	*1
14134	1/2"	22.5	25	38	90	10	*2
16134	3/4"	24	44	52	200	2	*3

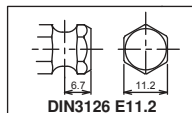
*1 C-Ring=C32,Pin/O-Ring=A32/B32

*2 C-Ring=C41,Pin/O-Ring=A41/B41

*3 C-Ring=C61,Pin/O-Ring=A61/B61

→ P256-257

For DIN3126 E11.2 Bits
Für DIN3126 E11.2 Bits
Pour DIN3126 E11.2 Embouts



13134-SC



Replacement Screw : M8x5, ● 4mm
Ersatzschraube : M8x5, ● 4mm
Vis de remplacement : M8x5, ● 4mm

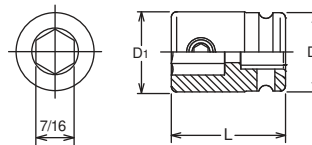
16134-SC



Replacement Screw : M8x6, ● 4mm
Ersatzschraube : M8x6, ● 4mm
Vis de remplacement : M8x6, ● 4mm

13134 14134 16134

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact



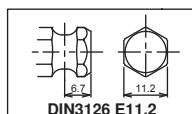
		D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)	
13142-F11.2	3/8"	18.9	22	46	116	10	*1
14142-F11.2	1/2"	18.9	25	46	207	10	*2

*1 C-Ring=C32,Pin/O-Ring=A32/B32

*2 C-Ring=C41,Pin/O-Ring=A41/B41

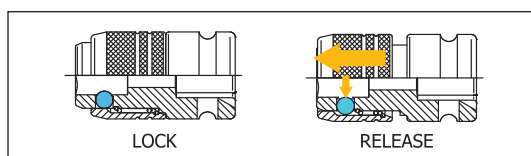
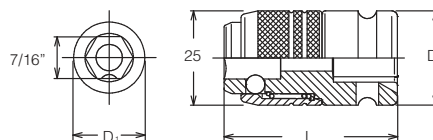
→ P256-257

For DIN3126 E11.2 Bits
Für DIN3126 E11.2 Bits
Pour DIN3126 E11.2 Embouts



13142-F11.2 14142-F11.2

Impact Bit Holder (Quick Release)
Impact Klingenhalter (Quick Release)
Porte embouts Impact (Quick Release)



110-35B / -50B / -100B / -150B -35P / -50P / -100P / -150P

Adaptors
Verbindungsstücke
Adaptateurs



110		TYPE	L (mm)	(g)	(pcs.)
35B	1/4"	Ball	35	9	10
35P		Pin	35	9	10
50B		Ball	50	15	10
50P		Pin	50	15	10
100B		Ball	100	34	10
100P		Pin	100	34	10
150B		Ball	150	54	10
150P		Pin	150	54	10

● DIN 3126 Form E 6.3

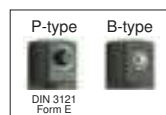
112-50B / -100B / -150B -50P / -100P / -150P

Adaptors
Verbindungsstücke
Adaptateurs



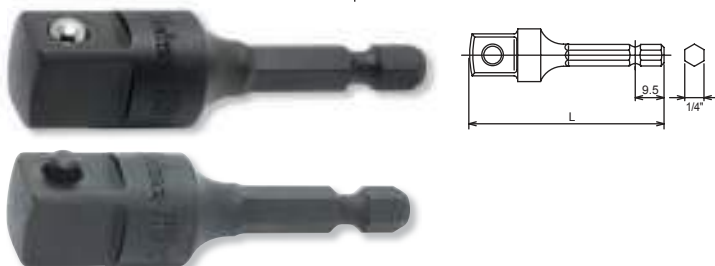
112		TYPE	L (mm)	(g)	(pcs.)
50B	3/8"	Ball	50	22	10
50P		Pin	50	22	10
100B		Ball	100	71	10
100P		Pin	100	71	10
150B		Ball	150	121	10
150P		Pin	150	121	10

● DIN 3126 Form E 6.3



135E-60B / -60P

Adaptor
Verbindungsstück
Adaptateurs



135E		TYPE	L (mm)	(g)	(pcs.)
60B	1/2"	Ball	60	46	10
60P		Pin	60	46	10

● DIN 3126 Form E 6.3

117-50B / -100B -50P / -100P

Adaptors
Verbindungsstücke
Adaptateurs



117		TYPE	L (mm)	(g)	(pcs.)
50B	1/4"	Ball	50	15	10
50P		Pin	50	15	10
100B		Ball	100	71	10
100P		Pin	100	71	10

● DIN 3126 Form G7

120-50B / -50P

Adaptor
Verbindungsstück
Adaptateurs

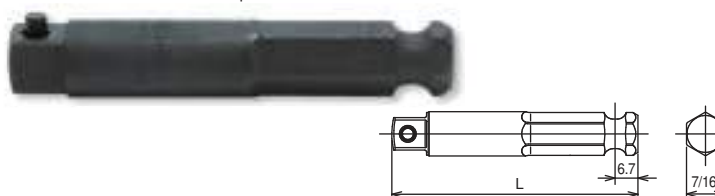


120		TYPE	L (mm)	(g)	(pcs.)
50B	3/8"	Ball	50	27	10
50P		Pin	50	27	10

● DIN 3126 Form E 8

186-75P

Adaptor
Verbindungsstück
Adaptateurs



186		L (mm)	(g)	(pcs.)
75P	3/8"	75	65	10
75P	1/2"	75	85	10

● DIN 3126 Form E 11.2