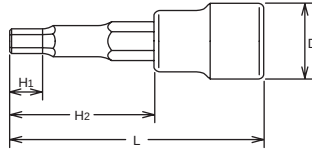


4010M-50 / -75 / -100 / -160 4010A-60

 Inhex Bit Sockets
Steckschlüssel für Innensechskant-Schrauben
 Douilles tournevis pour vis 6-pans creux



4010M-50 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
4	22	5	13.5	50	61	10
5	22	5	13.5	50	62	10
6	22	6	13.5	50	64	10
7	22	7	13.5	50	65	10
8	22	-	13.5	50	66	10
9	22	8	13.5	50	73	10
10	22	-	13.5	50	75	10
12	23	-	13.5	50	105	10
13	24	8.5	13.5	50	120	10
14	24	-	13.5	50	120	10
16	25	8.5	15	50	150	10
17	25	-	15	50	150	10
18	27	8.5	15	50	200	5
19	27	-	15	50	200	5

4010M-75 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
4	22	8.5	38.5	75	69	10
5	22	8.5	38.5	75	70	10
6	22	8.5	38.5	75	72	10
7	22	8.5	38.5	75	73	10
8	22	-	38.5	75	74	10
9	22	8.5	38.5	75	90	10
10	22	-	38.5	75	92	10
12	23	-	38.5	75	130	10
13	24	8.5	38.5	75	150	10
14	24	-	38.5	75	150	10
16	25	8.5	35	75	180	10
17	25	-	35	75	180	10
18	27	8.5	33	75	230	5
19	27	-	33	75	230	5

4010M-100 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
4	22	8.5	63.5	100	77	10
5	22	8.5	63.5	100	78	10
6	22	8.5	63.5	100	80	10
7	22	8.5	63.5	100	82	10
8	22	-	63.5	100	84	10
9	22	8.5	63.5	100	105	10
10	22	-	63.5	100	109	10
12	23	-	63.5	100	155	10
13	24	8.5	63.5	100	180	5
14	24	-	63.5	100	180	5
16	25	8.5	60	100	250	5
17	25	-	60	100	250	5
18	27	8.5	58	100	300	5
19	27	-	58	100	300	5

4010M-160 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
4	22	8.5	123.5	160	103	10
5	22	8.5	123.5	160	104	10
6	22	8.5	123.5	160	106	10
7	22	8.5	123.5	160	108	10
8	22	-	123.5	160	110	10
10	22	-	123.5	160	126	10
12	23	-	123.5	160	180	5
14	24	-	123.5	160	260	5
17	25	-	120	160	360	5
19	27	-	118	160	415	5

4010A-60 (inch)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
5/32	22	8.5	23.5	60	57	10
3/16	22	8.5	23.5	60	57	10
7/32	22	8.5	23.5	60	59	10
1/4	22	8.5	23.5	60	63	10
9/32	22	8.5	23.5	60	65	10
5/16	22	-	23.5	60	67	10
11/32	22	8.5	23.5	60	75	10
3/8	22	8.5	23.5	60	76	10
7/16	23	8.5	23.5	60	101	10
1/2	24	8.5	23.5	60	124	10
9/16	25	-	20	60	127	10
5/8	25	-	20	60	174	10
3/4	27	-	18	60	220	5



RS4010M/10-L50	10 Pieces Set/Rail 300mm	(g)
4, 5, 6, 7, 8, 10, 12, 14, 17, 19		968

RS4010M/10-L75	10 Pieces Set/Rail 300mm	(g)
4, 5, 6, 7, 8, 10, 12, 14, 17, 19		1,207

RS4010A/10-L60	10 Pieces Set/Rail 300mm	(g)
3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4		1,080

RS4010M/10-L50  Socket Set on Rail
RS4010M/10-L75  Steckschlüsselsatz auf Schiene
RS4010A/10-L60  Jeu de douilles sur rail



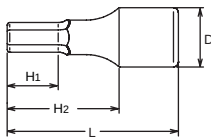
Hand Sockets
Hand Steckschlüssel
Douilles à main

1/2"

4012M-43 / -60 / -75 / -100



Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



4012M-43 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
4	21.1	11.5	23	43	40	10
5	21.1	11.5	23	43	46	10
6	21.1	11.5	23	43	42	10
7	21.1	11.5	23	43	46	10
8	21.1	11.5	23	43	49	10
9	21.1	11.5	23	43	63	10
10	23	11.5	23	43	63	10
11	25	11.5	23	43	74	10
12	25	11.5	23	43	81	10
13	25	11.5	23	43	85	10
14	25	11.5	23	43	88	10
15	26	11.5	23	43	91	10
16	26	11.5	23	43	100	10
17	26	11.5	23	43	101	10
18	26	11.5	23	43	106	10
19	26	11.5	23	43	110	10
20	26	11.5	23	43	130	10
21	26	11.5	23	43	140	10
22	26	11.5	23	43	145	10
23	28	11.5	23	43	167	10
24	28	11.5	23	43	170	10
27	32	11.5	23	43	226	10

4012M-75 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
4	21.1	15.5	53	75	52	10
5	21.1	15.5	53	75	58	10
6	21.1	15.5	53	75	62	10
7	21.1	15.5	53	75	70	10
8	21.1	15.5	53	75	74	10
9	21.1	15.5	53	75	88	10
10	23	15.5	53	75	94	10
11	25	15.5	53	75	119	10
12	25	15.5	53	75	122	10
13	25	15.5	53	75	137	10
14	25	15.5	53	75	148	10
15	26	15.5	53	75	151	10
16	26	15.5	53	75	171	10
17	26	15.5	53	75	184	10
18	26	15.5	53	75	196	10
19	26	15.5	53	75	212	10
22	26	22.5	53	75	266	10
24	27.9	22.5	53	75	315	10

4012M-60 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
4	21.1	15.5	38	60	49	10
5	21.1	15.5	38	60	55	10
6	21.1	15.5	38	60	56	10
7	21.1	15.5	38	60	60	10
8	21.1	15.5	38	60	64	10
9	21.1	15.5	38	60	78	10
10	23	15.5	38	60	78	10
11	25	15.5	38	60	100	10
12	25	15.5	38	60	107	10
13	25	15.5	38	60	111	10
14	25	15.5	38	60	122	10
15	26	15.5	38	60	125	10
16	26	15.5	38	60	134	10
17	26	15.5	38	60	141	10
18	26	15.5	38	60	153	10
19	26	15.5	38	60	159	10
21	26	15.5	38	60	197	10
22	26	22.5	38	60	205	10
23	28	22.5	38	60	242	10
24	28	22.5	38	60	245	10

4012M-100 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
4	24	15.5	78	100	75	10
5	24	15.5	78	100	81	10
6	24	15.5	78	100	85	10
7	24	15.5	78	100	93	10
8	24	15.5	78	100	97	10
9	24	15.5	78	100	111	10
10	24	15.5	78	100	117	10
11	24	15.5	78	100	142	10
12	24	15.5	78	100	143	10
13	24	15.5	78	100	158	10
14	24	15.5	78	100	169	10
15	24	15.5	78	100	172	10
16	24	15.5	78	100	192	5
17	24	15.5	78	100	215	5
18	24	15.5	78	100	227	5
19	24	15.5	78	100	243	5

RS4012M/10-L60



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



RS4012M/10-L60

10 Pieces set/Rail 300mm

(g)

4, 5, 6, 7, 8, 10, 12, 14, 17, 19

910

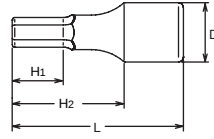


4012M/A are for hand use only.
Do not use with a power or impact wrench.
Nicht mit elektrischen/maschinellen Schraubern verwenden.
À ne pas utiliser sur des machines

4012A-43 / -60 / -75 / -100



Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



4012A-43 (inch)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
5/32	21.1	11.5	23	43	40	10
3/16	21.1	11.5	23	43	46	10
7/32	21.1	11.5	23	43	42	10
1/4	21.1	11.5	23	43	43	10
9/32	21.1	11.5	23	43	46	10
5/16	21.1	11.5	23	43	49	10
11/32	21.1	11.5	23	43	63	10
3/8	23	11.5	23	43	59	10
7/16	25	11.5	23	43	74	10
1/2	25	11.5	23	43	85	10
9/16	25	11.5	23	43	88	10
5/8	26	11.5	23	43	100	10
3/4	26	11.5	23	43	110	10
7/8	26	11.5	23	43	141	10

4012A-75 (inch)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
5/32	21.1	15.5	53	75	52	10
3/16	21.1	15.5	53	75	58	10
7/32	21.1	15.5	53	75	62	10
1/4	21.1	15.5	53	75	65	10
9/32	21.1	15.5	53	75	70	10
5/16	21.1	15.5	53	75	74	10
11/32	21.1	15.5	53	75	88	10
3/8	23	15.5	53	75	86	10
7/16	25	15.5	53	75	119	10
1/2	25	15.5	53	75	137	10
9/16	25	15.5	53	75	148	10
5/8	26	15.5	53	75	171	10
3/4	26	15.5	53	75	212	10
7/8	26	22.5	53	75	262	10

4012A-60 (inch)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
5/32	21.1	15.5	38	60	49	10
3/16	21.1	15.5	38	60	55	10
7/32	21.1	15.5	38	60	56	10
1/4	21.1	15.5	38	60	57	10
9/32	21.1	15.5	38	60	60	10
5/16	21.1	15.5	38	60	64	10
11/32	21.1	15.5	38	60	78	10
3/8	23	15.5	38	60	74	10
7/16	25	15.5	38	60	100	10
1/2	25	15.5	38	60	111	10
9/16	25	15.5	38	60	122	10
5/8	26	15.5	38	60	134	10
3/4	26	15.5	38	60	159	10
7/8	26	22.5	38	60	202	10

4012A-100 (inch)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
5/32	24	15.5	78	100	75	10
3/16	24	15.5	78	100	81	10
7/32	24	15.5	78	100	85	10
1/4	24	15.5	78	100	88	10
9/32	24	15.5	78	100	93	10
5/16	24	15.5	78	100	97	10
11/32	24	15.5	78	100	111	10
3/8	24	15.5	78	100	109	10
7/16	24	15.5	78	100	142	10
1/2	24	15.5	78	100	158	10
9/16	24	15.5	78	100	169	10
5/8	24	15.5	78	100	192	5
3/4	24	15.5	78	100	243	5

RS4012A/10-L60	10 Pieces set/Rail 300mm	(g)
3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4		950

RS4012A/10-L60



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



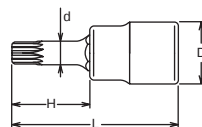
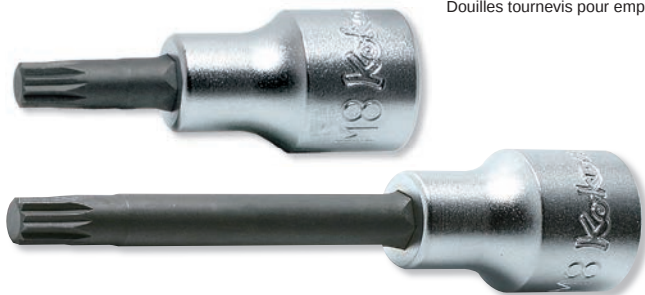
4012M/A are for hand use only.
Do not use with a power or impact wrench.
Nicht mit elektrischen/maschinellen Schraubern verwenden.
À ne pas utiliser sur des machines

Hand Sockets Hand Steckschlüssel Douilles à main

1/2"

4020-60 / -100 / -120 / -140

 XZN Bit Sockets
Steckschlüssel für XZN Schrauben
Douilles tournevis pour empreinte XZN



4020-60 (XZN)	D (mm)	d (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	22	7.8	23.5	60	60	10
M 6	22	7.8	23.5	60	61	10
M 8	22	7.8	23.5	60	63	10
M10	23	11.9	23.5	60	93	10
M12	23	11.9	23.5	60	97	10
M14	24	13.9	23.5	60	105	10
M16	25	16.9	20	60	165	10
M18	25	17.9	20	60	170	5

4020-120 (XZN)	D (mm)	d (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	22	7.8	83.5	120	86	10
M 6	22	7.8	83.5	120	87	10
M 8	22	7.8	83.5	120	89	10
M10	23	11.9	83.5	120	152	10
M12	23	11.9	83.5	120	156	10
M14	24	13.9	83.5	120	164	5

4020-100 (XZN)	D (mm)	d (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	22	7.8	63.5	100	77	10
M 6	22	7.8	63.5	100	78	10
M 8	22	7.8	63.5	100	80	10
M10	23	11.9	63.5	100	132	10
M12	23	11.9	63.5	100	136	10
M14	24	13.9	63.5	100	144	5
M16	25	16.9	60	100	250	5
M18	27	17.9	60	100	300	5

4020-140 (XZN)	D (mm)	d (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	22	7.8	103.5	140	95	10
M 6	22	7.8	103.5	140	96	10
M 8	22	7.8	103.5	140	98	10
M10	23	11.9	103.5	140	172	5
M12	23	11.9	103.5	140	176	5
M14	24	13.9	103.5	140	184	5

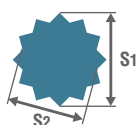
RS4020/6-L60 RS4020/6-L100

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



RS4020/6-L60	6 Pieces Set/Rail 150mm	(g)
M5, M6, M8, M10, M12, M14		500
RS4020/6-L100	6 Pieces Set/Rail 150mm	(g)
M5, M6, M8, M10, M12, M14		680

XZN



XZN		M4	M5	M6	M8	M10	M12	M14	M16	M18
S1	(ref. mm)	3.6	4.8	6.1	7.3	9.7	11.5	13.3	15.7	16.9
S2	(ref. mm)	3.1	4.1	5.1	6.1	8.1	9.7	11.2	13.2	14.2

	 PH	 PZ	 Slotted	 HEX	 HEX (ball point)	 Triple Square (XZN)	 TORX® (T)	 TORX® (TH)	 TORXplus® (IP)	 TORXplus® (IPR)	 Ribe-CV
1/4"	No.2000 series	No.2000(PZ) series	No.2005 series	No.2010M/A series	No.2011M series	No.2020 series	No.2025 series	No.2025(TH) series	No.2025(IP) series	No.2025(IPR) series	—
3/8"	No.3000 series	No.3000(PZ) series	No.3005 series	No.3010M/A No.3012M/A No.3015M series	No.3011M series	No.3020 series	No.3025 series	No.3025(TH) series	No.3025(IP) series	No.3025(IPR) series	No.3027 series
1/2"	No.4000 series	No.4000(PZ) series	No.4005 series	No.4010M/A No.4012M/A series	—	No.4020 series	No.4025 series	—	No.4025(IP) series	—	No.4027 series

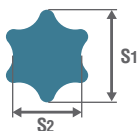
4025-60 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T15	22	23.5	60	58	10
T20	22	23.5	60	59	10
T25	22	23.5	60	60	10
T27	22	23.5	60	60	10
T30	22	23.5	60	60	10
T40	22	23.5	60	62	10
T45	22	23.5	60	64	10
T50	22	23.5	60	74	10
T55	23	23.5	60	96	10
T60	24	23.5	60	122	10
T70	24	23.5	60	135	10
T80	24	20	60	168	10

4025-100 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T20	22	73.5	100	76	10
T25	22	73.5	100	76	10
T27	22	73.5	100	77	10
T30	22	73.5	100	77	10
T40	22	73.5	100	78	10
T45	22	73.5	100	80	10
T50	22	73.5	100	98	10
T55	23	73.5	100	132	10
T60	24	73.5	100	170	5
T70	24	73.5	100	175	5

4025-140 (T)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T20	22	103.5	140	94	10
T25	22	103.5	140	95	10
T27	22	103.5	140	95	10
T30	22	103.5	140	95	10
T40	22	103.5	140	97	10
T45	22	103.5	140	99	10
T50	22	103.5	140	129	10
T55	23	103.5	140	175	5
T60	24	103.5	140	229	5
T70	24	103.5	140	245	5
T80	24	100	140	320	5

RS4025/9-L60	9 Pieces Set/Rail 250mm	(g)
T20, T25, T27, T30, T40, T45, T50, T55, T60		700

TORX®
(T)



T	T8	T9	T10	T15	T20	T25	T27	T30	T40	T45	T50	T55	T60	T70	T80	T90	T100
S1 (ref. mm)	2.3	2.5	2.7	3.3	3.9	4.5	5.0	5.6	6.7	7.9	8.9	11.3	13.3	15.6	17.6	20.0	22.2
S2 (ref. mm)	1.7	1.8	2.0	2.3	2.8	3.2	3.6	4.0	4.8	5.6	6.2	8.0	9.5	11.1	12.7	14.2	15.8

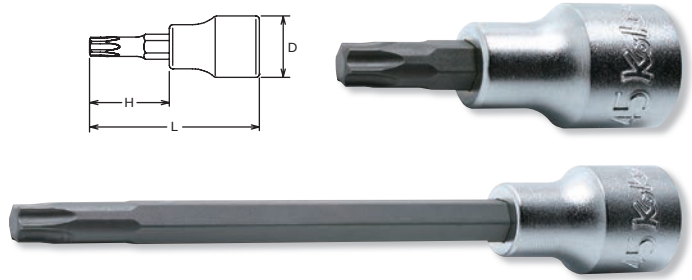
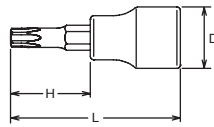
4025-60	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
T35	22	23.5	60	96	10

For T35 Special screws

4025-60 / -100 / -140 (T)



TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis, TORX®



RS4025/9-L60



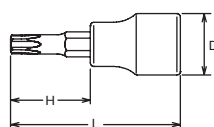
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail



4025-60-T35



Bit Socket
Bit-Steckschlüssel
Douilles tournevis



4025-60 / -100 (IP)



TORXPLUS® Bit Sockets
TORXPLUS® Bit-Steckschlüssel
Douilles tournevis, TORXPLUS®

TORXplus®



4025-60 (IP)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
20IP	22	23.5	60	60	10
25IP	22	23.5	60	60	10
27IP	22	23.5	60	60	10
30IP	22	23.5	60	60	10
40IP	22	23.5	60	60	10
45IP	22	23.5	60	64	10
50IP	22	23.5	60	74	10
55IP	23	23.5	60	96	10
60IP	24	23.5	60	122	10
70IP	24	23.5	60	170	10

RS4025/9-IP



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



4025-100 (IP)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
40IP	22	63.5	100	79	10
45IP	22	63.5	100	81	10
50IP	22	63.5	100	100	10
55IP	23	63.5	100	133	10
60IP	24	63.5	100	172	5
70IP	25	63.5	100	241	5

RS4025/9-IP

9 Pieces set/Rail 250mm

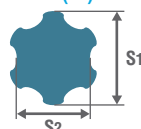


20IP, 25IP, 27IP, 30IP, 40IP, 45IP, 50IP, 55IP, 60IP

(g)

700

TORXPLUS®
(IP)

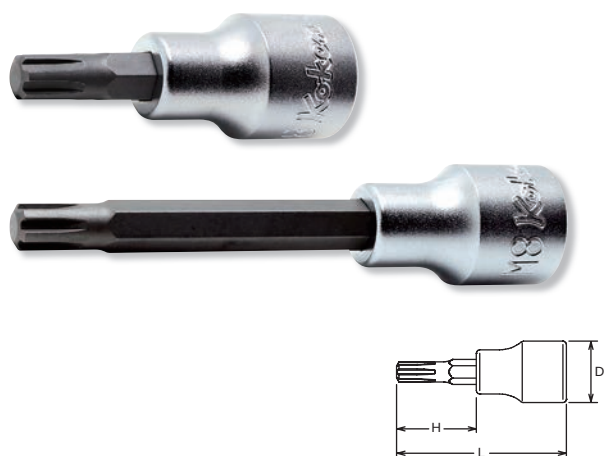


IP	8IP	9IP	10IP	15IP	20IP	25IP	27IP	30IP	40IP	45IP	50IP	55IP	60IP	70IP
S1 (ref. mm)	2.3	2.5	2.7	3.3	3.9	4.5	5.0	5.6	6.7	7.9	8.9	11.3	13.3	15.6
S2 (ref. mm)	1.8	1.9	2.1	2.5	3.0	3.4	3.9	4.3	5.2	6.2	6.9	9.0	10.4	12.3

4027-60 / -100 / -140



Bit Sockets for Ribe Screws
Steckschlüsselsklingen für Ribe Schrauben
Douilles tournevis pour écrous profil Ribe



4027-60	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	22	23.5	60	60	10
M 6	22	23.5	60	62	10
M 7	22	23.5	60	63	10
M 8	22	23.5	60	64	10
M 9	22	23.5	60	70	10
M10	22	23.5	60	74	10
M12	23	23.5	60	96	10
M13	24	23.5	60	116	10
M14	24	23.5	60	122	10
M16	24	25	60	135	10

4027-100	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 5	22	63.5	100	67	10
M 6	22	63.5	100	68	10
M 7	22	63.5	100	75	10
M 8	22	63.5	100	81	10
M 9	22	63.5	100	90	10
M10	22	63.5	100	101	10
M12	23	63.5	100	134	10
M13	24	63.5	100	155	5
M14	24	63.5	100	173	5
M16	24	60	100	241	5

RS4027/7-L60



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



4027-140	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
M 8	22	103.5	140	98	10
M10	22	103.5	140	127	10
M12	23	103.5	140	171	5
M14	24	103.5	140	226	5
M16	24	100	140	320	5

RS4027/7-L60

7 Pieces set/Rail 200mm

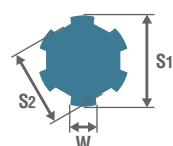


M5, M6, M8, M10, M12, M14, M16

(g)

600

Ribe CV



CV	M5	M6	M7	M8	M9	M10	M12	M13	M14	M16
W (ref. mm)	1.2	1.3	1.4	1.8	2.0	2.3	2.6	3.1	3.2	3.6
S1 (ref. mm)	5.0	6.0	7.0	8.0	9.0	10.0	12.0	13.0	14.0	16.0
S2 (ref. mm)	3.8	4.5	5.0	6.0	7.1	7.4	9.0	11.0	10.4	11.9

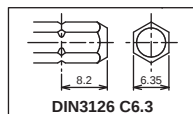
4110M (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	24	10	32	57	10
10	24	10	32	62	10
10.5	24	10	32	64	10
12	24	10	32	64	10
13	24	10	32	66	10
13.5	24	10	32	67	10
14	24.2	10	32	68	10
19	25	15	37	101	10
20	26	15	37	114	10

4110A (inch)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3/8	24	10	32	62	10
1/2	24	10	32	64	10

4101	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
1	2.7×18.6	22	40	59	10
2	3.7×24	24	40	79	10
3	3.7×30	30	40	128	10

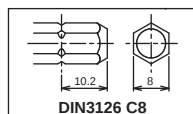
	D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)
4137	13	22	38	53	10

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



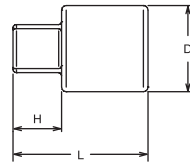
	D ₁ (mm)	D ₂ (mm)	L (mm)	(g)	(pcs.)
4138	16	22	38	62	10

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



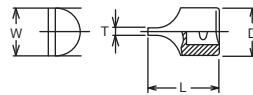
4110M / 4110A

4-point Male Sockets
Öldienst-Steckschlüssel, Vierkant
Douilles mâles 4-pans



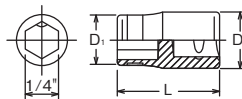
4101

Sockets for Slotted Heads
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente



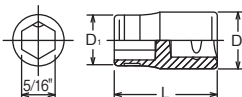
4137

Bit Holder
Klingenhälter
Porte-embouts



4138

Bit Holder
Klingenhälter
Porte-embouts



Hand Sockets Hand Steckschlüssel Douilles à main

1/2"

3749S-1/2

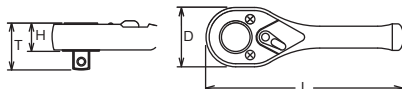
Reversible Ratchet Short
Knarre, verstellbar
Cliquet, réversible



* Renewal Kits → 3749SRK-1/2 → P318

3749SB-1/2

Reversible Ratchet short with quick release button
Knarre, verstellbar mit Entriegelungsknopf
Cliquet, réversible avec bouton de débrayage



* Renewal Kits → 3749SBRK-1/2 → P318

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3749S-1/2	34	29	14.4	110	200	5
3749SB-1/2	34	29	14.4	110	200	5



Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

Die Umschaltknarre mit Entriegelungsknopf hat aufgrund der technischen Konstruktion eine geringere Festigkeit als eine normale Ratsche. Stellen Sie sicher, dass Sie die Ratsche richtig verwenden.

Le cliquet réversible avec bouton de libération rapide a une résistance moindre que le cliquet normal en raison de sa conception technique. Veillez à utiliser le cliquet correctement.

4752J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



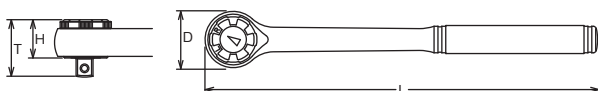
* Renewal Kits → 4752RK → P319

[L/R Marking]



4752N

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



A pointer and L/R markings on the ratchet head indicate the turning direction.

The reduced diameter of the head allows easier access in tight spots.

Eine L/R Markierung auf dem Knarrenkopf zeigt die gerade eingestellte Drehrichtung an. Der geringe Kopfdurchmesser erleichtert das Arbeiten auch an schwer zugänglichen Stellen.

Un marquage L/R sur la tête de cliquet indique le sens de rotation.

Le diamètre de tête réduit et facilite le travail dans les endroits difficilement accessibles.

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
4752J	35	38.8	24.5	250	470	1
4752N	35	38.8	24.5	250	480	1

GEAR TEETH



4749series



4753series



4750series



4752series



4774series



1/2" Hand Sockets Hand Steckschlüssel Douilles à main



4750J Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



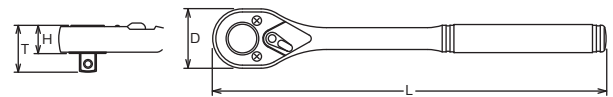
4750P Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



4750N Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



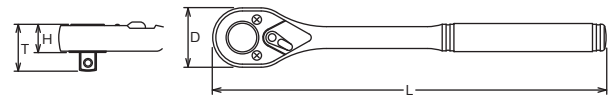
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4750J	38	35.9	21.3	250	508	1
4750P	38	35.9	21.3	250	553	1
4750N	38	35.9	21.3	250	548	1



4750JB Reversible Ratchet with quick release button
4750PB Knarre, verstellbar mit Entriegelungsknopf
4750NB Cliquet, réversible avec bouton de débrayage ⚠



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4750JB	38	35.9	21.3	250	508	1
4750PB	38	35.9	21.3	250	553	1
4750NB	38	35.9	21.3	250	548	1

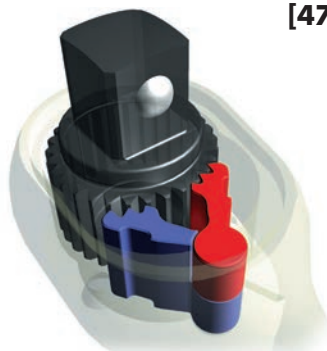


⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

Die Umschaltknarre mit Entriegelungsknopf hat aufgrund der technischen Konstruktion eine geringere Festigkeit als eine normale Ratsche. Stellen Sie sicher, dass Sie die Ratsche richtig verwenden.

Le cliquet réversible avec bouton de libération rapide a une résistance moindre que le cliquet normal en raison de sa conception technique. Veuillez à utiliser le cliquet correctement.

[4750 series]



Two dogs are set in the same axis and the three teeth hold the ratchet gear. The enlarged contact area produces an about 10% higher torque value and the S.O.D.H system provides smooth and light movements.

Die scharnierartig eingelagerten Sperrklinken haben jetzt jeweils drei Zähne im Eingriff. Die dadurch vergrößerte Greiffläche erhöht das maximale Drehmoment um ca. 10%. Auch diese Knarre besticht durch ihren leichten und geschmeidigen Lauf.

Les deux rochets étant placés sur le même axe, les trois dents de l'engrenage sont engagées en permanence. Ce système assure une augmentation de 10% du couple maximum admissible. Ce cliquet se caractérise également par son fonctionnement souple et sans à-coup.

Hand Sockets Hand Steckschlüssel Douilles à main

1/2"

Z-SERIES

HAND

TITANIUM

SCREWDRIVERS

ACCESSORIES

IMPACT

SLEEVE-DRIVE

PROTECTOR

INDUSTRIAL

AUTOMOTIVE

MOTORCYCLE

CONSTRUCTION

SPARE PART

4753J Reversible Ratchet Knarre, verstellbar Cliquet, réversible



* Renewal Kits → 4753RK → P318

4753P Reversible Ratchet Knarre, verstellbar Cliquet, réversible



* Renewal Kits → 4753RK → P318

4753N Reversible Ratchet Knarre, verstellbar Cliquet, réversible

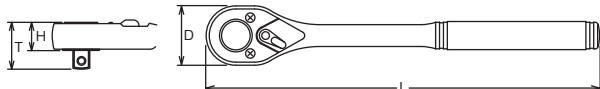


* Renewal Kits → 4753RK → P318

D4753J Reversible Ratchet Knarre, verstellbar Cliquet, réversible



* Renewal Kits → 4753RK → P318



Special ratchet, surface phosphatised, no chrome flaking possible
Sonderknarre Oberfläche phosphatiert, keine Chromabplatzungen möglich
Cliquet spécial surface phosphatée, pas d'écaillage du chrome possible

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4753J	38	36.2	21.6	250	545	1
4753P	38	36.2	21.6	250	570	1
4753N	38	36.2	21.6	250	595	1
D4753J	38	36.2	21.6	250	510	1

4753JB Reversible Ratchet with quick release button Knarre, verstellbar mit Entriegelungsknopf Cliquet, réversible avec bouton de débrayage

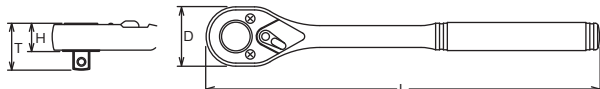


4753PB

4753NB



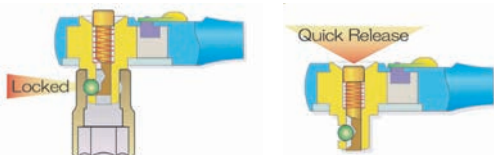
* Renewal Kits → 4753BRK → P318



Reversible Ratchet with Quick Release Button :
Sockets and accessories are safely locked. By pushing the button the sockets or extension bars are released from the ratchet.

Umstellbare Knarre mit Entriegelungsknopf :
Steckschlüssel und Zubehöriteile werden sicher und fest gehalten. Bei Drücken des Knopfes lösen sich die Teile.

Cliquet réversible avec bouton de débrayage :
Les douilles et accessoires ne peuvent plus tomber. Une pression du pouce sur le bouton suffit pour les libérer.



Warning: Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

Die Umschaltknarre mit Entriegelungsknopf hat aufgrund der technischen Konstruktion eine geringere Festigkeit als eine normale Ratsche. Stellen Sie sicher, dass Sie die Ratsche richtig verwenden.

Le cliquet réversible avec bouton de libération rapide a une résistance moindre que le cliquet normal en raison de sa conception technique. Veuillez à utiliser le cliquet correctement.

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4753JB	38	36.2	21.6	250	545	1
4753PB	38	36.2	21.6	250	570	1
4753NB	38	36.2	21.6	250	595	1

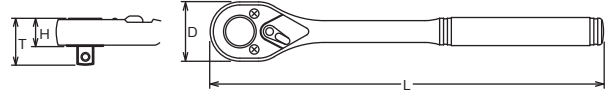


4749J-380 4749N-380

Reversible Ratchet (long)
Verstellbare Knarre, lang
Cliquet réversible, long



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4749J-380	44.6	33	18.4	380	743	1
4749N-380	44.6	33	18.4	380	753	1

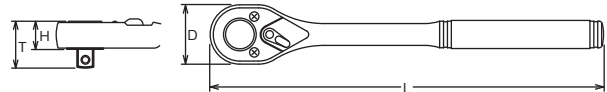


4753P-410

Reversible Ratchet (long)
Verstellbare Knarre, lang
Cliquet réversible, long



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4753P-410	38	36.2	21.6	410	790	1



⚠ 4753P-410 have longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

Sie haben einen längeren Griff als Standardprodukte und können mit einem übermäßigen Drehmoment belastet werden. Im Interesse Ihrer eigenen Sicherheit sollten Sie sie immer gleichmäßig und schrittweise belasten, um Brüche und mögliche Verletzungen zu vermeiden.

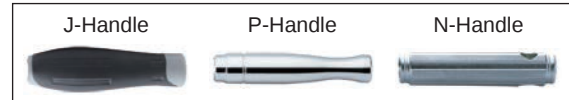
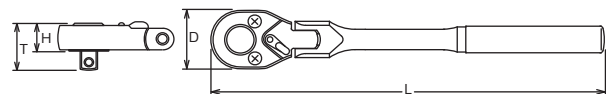


4774J 4774P 4774N

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4774J	38	36.2	21.6	330	685	1
4774P	38	36.2	21.6	330	700	1
4774N	38	36.2	21.6	330	700	1

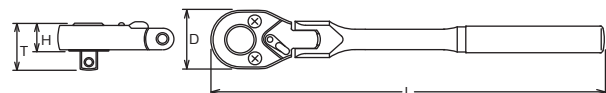


4774P-450

Flexible Ratchet (long), reversible
Gelenk-Knarre lang, verstellbar
Cliquet articulé long, réversible



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4774P-450	38	36.2	21.6	450	790	1



⚠ 4774P-450 has longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

Sie haben einen längeren Griff als Standardprodukte und können mit einem übermäßigen Drehmoment belastet werden. Im Interesse Ihrer eigenen Sicherheit sollten Sie sie immer gleichmäßig und schrittweise belasten, um Brüche und mögliche Verletzungen zu vermeiden.

Hand Sockets Hand Steckschlüssel Douilles à main

1/2"

Z-SERIES

HAND

TITANIUM

SCREWDRIVERS

ACCESSORIES

IMPACT

SLEEVE-DRIVE

PROTECTOR

INDUSTRIAL

AUTOMOTIVE

MOTORCYCLE

CONSTRUCTION

SPARE PART

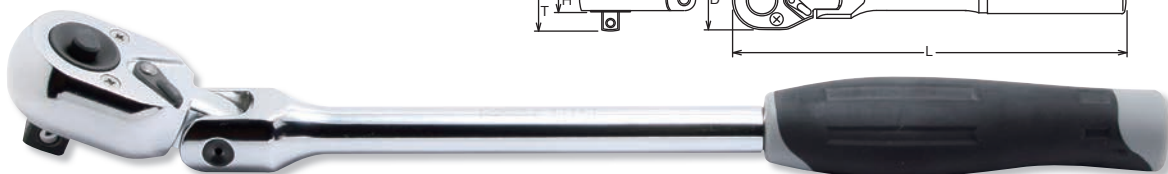
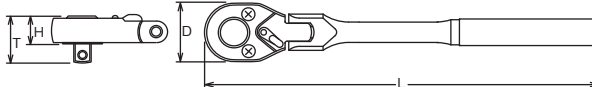
4774JB 4774PB 4774NB

Flexible Ratchet, reversible with quick release button
Gelenk-Knarre, verstellbar mit Entriegelungsknopf
Cliquet, articulé, réversible avec bouton de débrayage

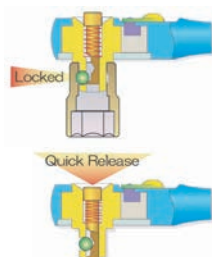


OVAL SHAPE SHANK

* Renewal Kits → 4753BRK → P318



GRIP VARIATION



⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

Die Umschaltknarre mit Entriegelungsknopf hat aufgrund der technischen Konstruktion eine geringere Festigkeit als eine normale Ratsche. Stellen Sie sicher, dass Sie die Ratsche richtig verwenden.

Le cliquet réversible avec bouton de libération rapide a une résistance moindre que le cliquet normal en raison de sa conception technique. Veillez à utiliser le cliquet correctement.

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
4774JB	38	36.2	21.6	330	685	1
4774PB	38	36.2	21.6	330	700	1
4774NB	38	36.2	21.6	330	700	1

Reversible Ratchet with Quick Release Button :

Sockets and accessories are safely locked. By pushing the button the sockets or extension bars are released from the ratchet.

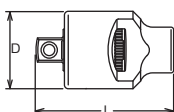
Umstellbare Knarre mit Entriegelungsknopf :

Steckschlüssel und Zubehörfteile werden sicher und fest gehalten. Bei Drücken des Knopfes lösen sich die Teile.

Cliquet réversible avec bouton de débrayage :

Les douilles et accessoires sont bien fixés. En poussant le bouton ils se libèrent facilement.

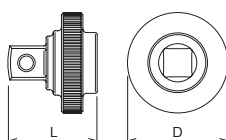
4755 Ratchet Adaptor Aufsteckknarre Cliquet adaptable



* Renewal Kits → 4755RK → P319

	D (mm)	L (mm)	(g)	(pcs.)
4755	33.5	65	270	5

4756 Quick Spinner Rändel-Drehscheibe Lanceur



	D (mm)	L (mm)	(g)	(pcs.)
4756	38	34.5	95	10

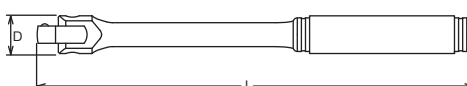
4768J-380 / -450 / -600

Hinge Handles
Gelenkgriffe
Poignées articulées



4768P-380 / -450 / -600

Hinge Handles
Gelenkgriffe
Poignées articulées



* Renewal Kits → 4768RK → P321



⚠ 4768-450/600 have longer handle than standard, and can be loaded to excessive torque value. Please use carefully.

Der 4768-450 und 4768-600 hat einen längeren Griff als die Standardausführung und kann mit einem zu hohen Drehmoment belastet werden. Bitte vorsichtig verwenden.

Les modèles 4768-450 et 4768-600 ont une poignée plus longue que la norme et peuvent être soumis à un couple excessif. Pour votre sécurité, appliquez toujours la charge de manière uniforme et progressive afin d'éviter toute rupture et blessure.

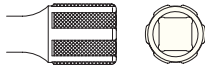
	D (mm)	L (mm)	(g)	(pcs.)
4768J-380	28	380	600	1
4768J-450	28	450	690	1
4768J-600	28	600	1120	1
4768P-380	28	380	665	2
4768P-450	28	450	748	2
4768P-600	28	600	1170	1

	D (mm)	d (mm)	L (mm)	(g)	(pcs.)
4760-35	24	–	35	56	10
4760-50	24	16	50	92	10
4760-75	24	14.3	75	138	10
4760-100	24	14.3	100	158	5
4760-125	24	14.3	125	194	5
4760-150	24	14.3	150	266	5
4760-200	24	14.3	200	295	5
4760-250	24	14.3	250	358	5
4760-300	24	16	300	492	2
4760-400	24	16	400	650	1
4760-500	24	16	500	808	1
4760-600	24	16	600	968	1
4760-900	24	16	900	1430	1
4760-1000	24	16	1000	1593	1

PK4760/5 5 Pieces Set/△=1,050g
PLASTIC TRAY

Extension Bars
4760 Extension Bars
50, 75, 125, 150, 250

Rotation and general handling of extensions with oily hands is greatly improved with the **Koken** developed 6 point knurling. Also the **Koken** 6 point knurling stops the extensions from rolling around the work area.



Durch die von **Koken** entwickelte 6 fache Rändelung wird die Handhabung deutlich erleichtert. Außerdem wird das Herumrollen der Verlängerungen wirksam verhindert.

La manipulation des rallonges est grandement facilitée par le profil moleté développé par **Koken**. Ce même profil empêche le roulement intempestif des rallonges sur le plan de travail.

	D (mm)	d (mm)	L (mm)	(g)	(pcs.)
4763-50	24	16.5	50	95	10
4763-75	24	12	75	111	10
4763-125	24	12	125	157	5
4763-150	24	12	150	181	5
4763-250	24	12	250	357	5
4763-300	24	12	300	480	2
4763-400	24	12	400	650	1

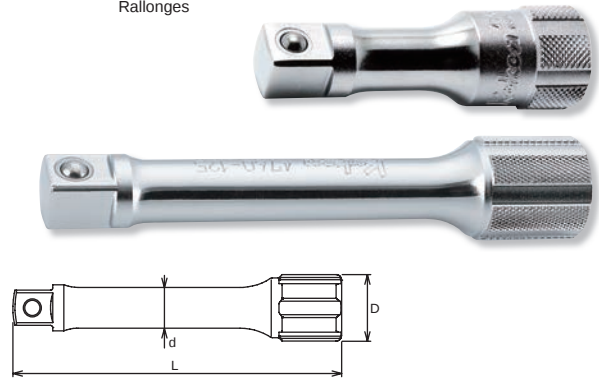
! The Wobble-Fix Extension Bar has less strength than normal extension bar due to its specific design with a reduced square drive. Make sure to use it correctly.

Die Wobble-Fix Verlängerungen haben aufgrund ihrer speziellen Konstruktion mit einem reduzierten Vierkanttrieb eine geringere Festigkeit als eine normale Verlängerung. Achten Sie darauf, sie richtig zu verwenden.

La barre d'extension angulaire est moins résistante qu'une barre d'extension normale en raison de sa conception spécifique avec un carré d'entraînement réduit. Veuillez l'utiliser correctement.



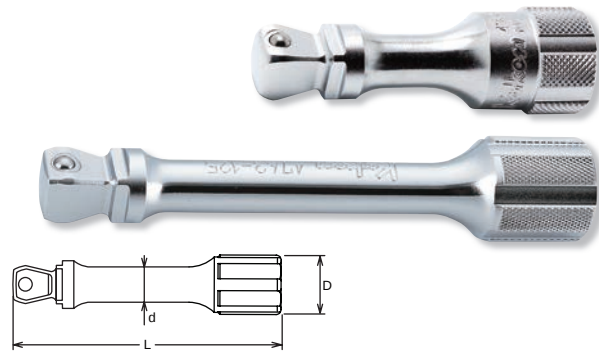
4760 Extension Bars Verlängerungen Rallonges



PK4760/5 Extension Bars in Plastic Box Verlängerungen in Kunststoff-Kassette Rallonges en boîte plastique



4763 Wobble-Fix Extension Bars Winkel-Verlängerungen Rallonges angulaires

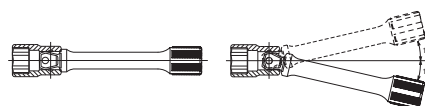


PK4763/5 Wobble-Fix Extension Bars in Plastic Box Winkel Verlängerungen in Kunststoff-Kassette Rallonges angulaires en boîte plastique



PK4763/5 5 Pieces Set/△=950g
PLASTIC TRAY

Extension Bars
4763 Wobble-Fix Extension Bars
50, 75, 125, 150, 250



Wobble-Fix Extension Bar

Two way usage

- In a fixed position, as a normal extension bar
- In a half-fixed position, as a flexible extension bar providing a 15° angle operation

Winkel-Verlängerungen

Winkelverlängerungen lassen sich in zwei Einstellungen verwenden

- voll eingesteckt und starr,
- halb eingesteckt, mit einem Arbeitswinkel von 15°.

Rallonges angulaires

Deux utilisations possibles

- comme rallonge normale, dans une position fixe
- comme une rallonge angulaire avec une possibilité d'inclinaison jusqu'à 15°

Hand Sockets Hand Steckschlüssel Douilles à main

1/2"

Z-SERIES

HAND

TITANIUM

SCREWDRIVERS

ACCESSORIES

IMPACT

SLEEVE-DRIVE

PROTECTOR

INDUSTRIAL

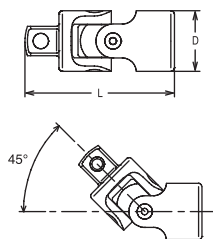
AUTOMOTIVE

MOTORCYCLE

CONSTRUCTION

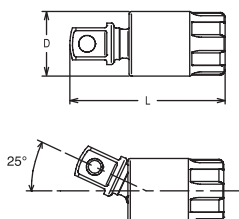
SPARE PART

4770 Universal Joint Gelenk-Einsatz Cardan universel



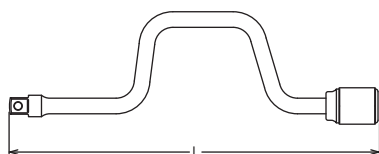
	D (mm)	L (mm)	(g)	(pcs.)
4770	25	62.4	150	10

4771 Universal Joint Gelenk-Einsatz Joint articulé



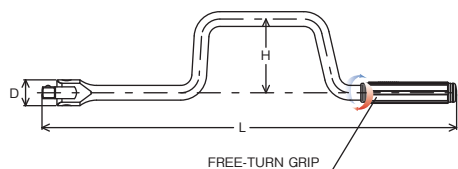
	D (mm)	L (mm)	(g)	(pcs.)
4771	23.7	57.7	113	10

4780-400 Speed Handle Winde Vilebrequin



	L (mm)	(g)	(pce.)
4780	400	644	1

4781N-450 Flexible Speed Handle Gelenkgriff-Winde Vilebrequin



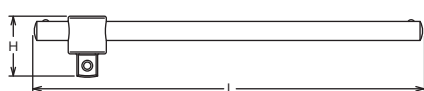
* Renewal Kits → 4768RK → P321

	D (mm)	H (mm)	L (mm)	(g)	(pce.)
4781N-450	28	80	450	1000	1

4785 T-Handle T-Griff Poignée coulissante



	H (mm)	L (mm)	(g)	(pcs.)
4785	42	300	410	2



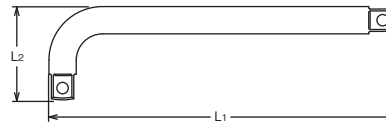


4747

L-Handle
L-Griff
Poignées en L



	L ₁ (mm)	L ₂ (mm)	(g)	(pcs.)
4747	263	53	470	1

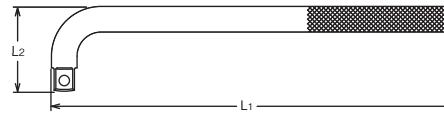


4788-250 / -300 / -450

L-Handles
L-Griffe
Poignées en L



	L ₁ (mm)	L ₂ (mm)	(g)	(pcs.)
4788-250	250	53	417	2
4788-300	300	53	503	1
4788-450	450	53	745	1



⚠ 4788-450 have longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

	(sq.)	(sq.)	D (mm)	L (mm)	(g)	(pcs.)
4433A-35	1/2"	3/8"	21.9	35	50	10
4433A-75	1/2"	3/8"	21.9	75	120	10
4433A-125	1/2"	3/8"	21.9	125	164	5
4433A-250	1/2"	3/8"	21.9	250	275	5
4433A-600	1/2"	3/8"	21.9	600	530	1

Items in this catalogue marked **⚠** can be loaded to torque values which may cause breakage.

In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

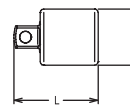
Die mit **⚠** gekennzeichneten Artikel können bei Überbelastungen zu Bruch gehen. Aus Gründen Ihrer Sicherheit, sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene, mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués **⚠** des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

4433A

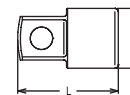
Adaptors
Verbindungsstücke
Réducteurs

Warranty 290Nm
Garantie 290Nm
Garantie 290Nm



4466A

Adaptor
Verbindungsstück
Réducteurs



	(sq.)	(sq.)	D (mm)	L (mm)	(g)	(pcs.)
4466A	1/2"	3/4"	25	42	108	10

Hand Sockets
Hand Steckschlüssel
Douilles à main

1/2"

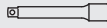
4223M-01
4223M-06

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



4223M-01	15 Pieces Set/⚖️=2,600g
4223M-06	15 Pieces Set/⚖️=2,600g

METAL CASE:W415×H120×T50mm

Sockets	Accessories
(4223M-01) 4401M 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22	 4753J  4760-125  4770
(4223M-06) 4406M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22	

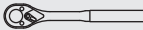
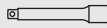
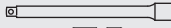
4238AM

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



4238AM	38 Pieces Set/⚖️=8,050g
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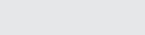
METAL CASE:W446×H266×T50mm

Sockets	Accessories
4405M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32	 4753N  4760-125  4760-250
4405A 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4	 4770  4780
4300C Spark Plug Socket 20.8	 4785

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

4241M-01	28 Pieces Set/△=6,500g
4241M-06	28 Pieces Set/△=6,500g
4241M-10	28 Pieces Set/△=6,500g

METAL CASE:W446×H266×T50mm

Sockets	Accessories
(4241M-01) 4401M 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	 4753J  4760-125  4760-250
(4241M-06) 4406M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	 4768J-380  4770  4785
(4241M-10) 4410M Surface Drive Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	

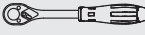
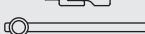
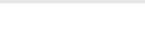
4241M-01 4241M-06 4241M-10

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



4241A-00	19 Pieces Set/△=4,900g
4241A-05	19 Pieces Set/△=4,900g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
(4241A-00) 4400A 6-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4	 4753J  4760-125  4760-250
(4241A-05) 4405A 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4	 4768J-380  4770  4785

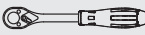
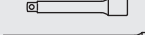
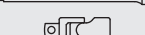
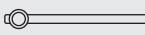
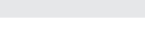
4241A-00 4241A-05

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



4249M-01	20 Pieces Set/△=4,800g
4249M-06	20 Pieces Set/△=4,800g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
(4249M-01) 4401M 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30	 4753J  4760-125  4760-250
(4249M-06) 4406M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30	 4770  4785

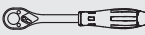
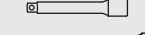
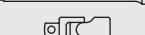
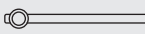
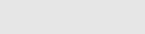
4249M-01 4249M-06

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



4250M-01	18 Pieces Set/△=4,700g
4250M-06	18 Pieces Set/△=4,700g
4250M-10	18 Pieces Set/△=4,700g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
(4250M-01) 4401M 6-pt. Sockets 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	 4753J  4760-125  4760-250
(4250M-06) 4406M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	 4770  4785
(4250M-10) 4410M Surface Drive Sockets 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	

4250M-01 4250M-06 4250M-10

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



4251M-01 4251M-06 4251M-10 4251A-00 4251A-05

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



4251M-01	22 Pieces Set/△=3,200g
4251M-06	22 Pieces Set/△=3,200g
4251M-10	22 Pieces Set/△=3,200g
4251A-00	18 Pieces Set/△=2,700g
4251A-05	18 Pieces Set/△=2,700g

METAL CASE:W337×H76×T52mm

METAL GRACE 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4252M-01 4252M-06 4252M-10

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



4252M-01	13 Pieces Set/△=1,200g
4252M-06	13 Pieces Set/△=1,200g
4252M-10	13 Pieces Set/△=1,200g

METAL CASE:W168×H60×T42mm

METAL GRINDWHEELS—WHEELS—WHEELS		
Sockets		
	(4252M-01) 4401M 6-pt. Sockets	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
	(4252M-06) 4406M 12-pt. Sockets	
	(4252M-10) 4410M Surface Drive Sockets	

4254

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



4254	12 Pieces Set/△=1,070g
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METAL CASE:W215×H80×T47mm

Sockets		Accessories	
(3/8")	3425- E6, E8		4763-50
(1/2")	4425- E10, E12, E14		4433A-35
(3/8")	3325- E6, E8		
(1/2")	4325- E10, E12, E14		

4262M-01 4262M-06 4262M-10

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



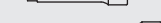
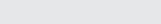
4262M-01	20 Pieces Set/△=4,400g
4262M-06	20 Pieces Set/△=4,400g
4262M-10	20 Pieces Set/△=4,400g

METAL CASE:W445×H190×T50mm

Sockets		Accessories	
(4262M-01) 4401M 6-pt. Sockets	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27		4753J
(4262M-06) 4406M 12-pt. Sockets	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27		4760-125
(4262M-10) 4410M Surface Drive Sockets	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27		4760-250
			4770
			4785

4272AM-01	29 Pieces Set/△=5,000g
4272AM-06	29 Pieces Set/△=5,000g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
(4272AM-01) 4401M 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	 4753J
4400A 6-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	 4760-125
(4272AM-06) 4406M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	 4760-250
4405A 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	 4770
	 4785

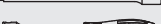
4272AM-01 4272AM-06

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



4275	24 Pieces Set/△=5,340g
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METAL CASE:W445×H190×T50mm

Sockets	Accessories
4406M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	 4750J
4300C Spark Plug Sockets 16, 20.8	 4760-125
4300M Wheel Nut Sockets 17(L60), 19(L60), 21(L60)	 4760-250
	 4768J-380
	 4770
	 4785

4275

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



4276	17 Pieces Set/△=2,890g
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METAL CASE:W370×H150×T50mm

Sockets	Accessories
4010M.50 Bit Sockets 6, 7, 8, 10, 12, 14	 4752J
4025.60 TORX® Bit Sockets T20, T25, T27, T30, T40, T45, T50, T55, T60	 4763-125

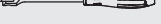
4276

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



4277	27 Pieces Set/△=5,660g
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METAL CASE:W445×H190×T50mm

Sockets	Accessories
4406M 12-pt. Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	 4750J
4305M 12-pt. Deep Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	 4760-125
	 4768J-380

4277

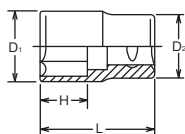
Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille



6400M / 6400A



6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

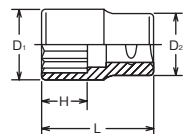


6400M 6405M (mm)	D1 (mm)	D2 (mm)	H (mm)	L (mm)	(g)	(pcs.)
14	22.1	34	11	50	160	10
16	24.6	34	12	50	167	10
17	26	34	12.5	50	175	5
18	27	34	13	50	178	5
19	28.5	34	13.5	50	179	5
20	29.5	34	14	50	185	5
21	31	34	14.5	50	185	5
22	32	34	15	50	187	5
23	33.5	34	16	50	187	5
24	34.5	34	17	50	200	5
25	36	34	17.5	50	217	5
26	37	34	18	50	222	5
27	38.5	37	19	53	254	5
28	39.5	38	19.5	53	298	5
29	41	38	20	55	292	5
30	42	38	21	55	301	5
31	43.5	38	22	57	294	5
32	44.5	40	23	57	351	5
33	46	40	23.5	57	384	5
34	47	40	24	57	397	5
35	48.5	42	24.5	59	422	5
36	49.5	42	25	59	438	5
37	51	42	25.5	59	484	5
38	52	45	26	59	523	5
39	53.5	45	26.5	59	538	5
40	54.5	45	27	62	550	5
41	56	47	28	62	633	5
42	57	47	28.5	62	652	2
43	58.5	47	29	62	659	2
44	59.5	47	29.5	62	657	2
45	61	47	30	68	734	2
46	62	47	31	68	791	2
47	63.5	48	31.5	68	816	2
48	64.5	45	32	68	800	2
50	67	48	34	68	880	2
52	69.5	53	33	72	925	2
54	72	55	33	72	1040	2
55	73.5	53	36	72	1006	2
56	74.5	53	36	72	1092	2
57	76	53	36	72	1169	2
58	77	53	36	72	1149	2
60	79.5	58	39	76	1402	2
63	83.5	58	39	76	1494	2
65	86	63	42	80	1608	2
70	92	68	45	84	1785	2
75	98.5	73	48	86	2186	1
78	102.1	73	55	86	2425	1
80	104.5	78	52	90	2475	1
85	111	78	52	90	2620	1

6405M / 6405A



12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans

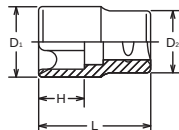


6400A 6405A (inch)	D1 (mm)	D2 (mm)	H (mm)	L (mm)	(g)	(pcs.)
5/8	24.6	34	12	50	168	10
11/16	27	34	13	50	178	5
3/4	28.5	34	13.5	50	179	5
25/32	29.5	34	14	50	185	5
13/16	31	34	14.5	50	185	5
7/8	32	34	15	50	187	5
15/16	34.5	34	17	50	200	5
31/32	36	34	17.5	50	217	5
1	37	34	18	50	222	5
1. 1/16	38.5	37	19	53	254	5
1. 1/8	41	38	20	53	292	5
1. 3/16	42	38	21	55	301	5
1. 1/4	44.5	40	23	57	351	5
1. 5/16	46	40	23.5	57	384	5
1. 3/8	48.5	42	24.5	57	422	5
1. 7/16	51	42	25.5	59	484	5
1. 1/2	52	45	26	59	523	5
1. 9/16	54.5	45	27	59	550	5
1. 5/8	56	47	28	62	633	5
1.11/16	58.5	47	29	62	659	2
1. 3/4	59.5	47	29.5	62	657	2
1.13/16	62	47	31	68	791	2
1. 7/8	64.5	45	32	68	892	2
1.15/16	66	48	32.5	68	870	2
2	68.5	52	34.5	68	949	2
2. 1/16	71	54	33	72	983	2
2. 1/8	72	55	33	72	1040	2
2. 3/16	74.5	53	36	72	1092	2
2. 1/4	76	53	36	72	1169	2
2. 5/16	78.5	53	36	72	1344	2
2. 3/8	79.5	58	39	76	1402	2
2. 7/16	82	58	39	76	1420	2
2. 1/2	84.5	58	39	76	1497	2
2. 9/16	86	63	42	80	1608	2
2. 5/8	88.5	63	42	80	1709	2
2.11/16	89.5	63	42	80	1634	2
2. 3/4	92	68	45	84	1785	2
2.13/16	94.5	68	45	84	2018	2
2. 7/8	96	68	45	84	2062	2
2.15/16	98.5	73	48	86	2186	1
3	101	73	48	86	2309	1
3. 1/8	104.5	78	52	90	2475	1

6425



TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®

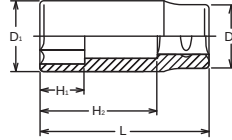


6425 (E)	D1 (mm)	D2 (mm)	H (mm)	L (mm)	(g)	(pcs.)
E18	22.1	34	11.9	50	156	5
E20	24.6	34	13.3	50	166	5
E22	27.1	34	14.4	50	178	5
E24	28.6	34	16	50	185	5
E26	31.1	34	17.7	55	217	5
E28	32.1	34	24.1	60	237	5
E30	35	34	24.1	60	242	5
E32	36.1	34	24.1	60	247	5

6300M / 6300A



6-point Deep Sockets
6-kant-Steckschlüssel, lang
Douilles longues 6-pans



6300M 6305M (mm)	D ₁ (mm)	D ₂ (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
17	26	34	18	64	90	278	5
18	27	34	19	64	90	281	5
19	28.5	34	20	64	90	292	5
20	29.5	34	21	64	90	334	5
21	31	34	22	64	90	343	5
22	32	34	23	64	90	347	5
23	33.5	34	24	64	90	361	5
24	34.5	34	25	64	90	352	5
25	36	34	26	64	90	369	5
26	37	34	27	64	90	384	5
27	38.5	37	28	64	90	425	5
28	39.5	38	29	63	90	470	5
29	41	38	30	63	90	503	5
30	42	38	31	63	90	503	5
31	43.5	38	32	62	90	517	5
32	44.5	40	34	62	90	544	5
33	46	40	34	62	90	557	5
34	47	40	35	61	90	570	5
35	48.5	42	36	61	90	622	5
36	49.5	42	37	61	90	631	2
38	52	45	39	60	90	710	2
40	54.5	45	41	60	90	742	2
41	56	47	42	59	90	802	2
42	57	47	43	59	90	829	2
44	59.5	47	45	59	90	838	2
46	62	47	47	58	90	906	2
48	64.5	50	49	57	90	998	2
50	67	48	51	57	90	1005	2
52	69.5	53	49	—	100	1270	2
53	71	54	49	—	100	1338	2
54	72	55	49	—	100	1351	2
55	73.5	53	52	—	100	1388	2
56	74.5	53	52	—	100	1389	2
57	76	53	52	—	100	1467	2
58	77	53	52	—	100	1480	2
60	79.5	58	55	—	100	1626	2
63	83.5	58	55	—	100	1740	2
65	86	63	65	—	100	1939	2

6012M-75 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
12	35	15.5	40	75	253	10
14	35	15.5	40	75	265	10
15	35	15.5	40	75	271	10
16	35	15.5	40	75	285	10
17	35	15.5	40	75	292	10
18	35	15.5	40	75	302	10
19	35	15.5	40	75	312	10
20	35	15.5	40	75	323	10
21	38	15.5	40	75	330	10
22	38	22.5	40	75	340	10
24	38	22.5	40	75	362	10
27	38	22.5	40	75	402	10
30	38	28.5	40	75	445	10
32	38	28.5	40	75	485	10
36	42	28.5	40	75	663	10

6101	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
6101	6.4×33.5	35	50	205	5

6305M / 6305A



12-point Deep Sockets
12-kant Steckschlüssel, lang
Douilles longues, 12-pans

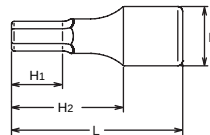


6300A 6305A (inch)	D ₁ (mm)	D ₂ (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
3/4	28.5	34	20	64	90	292	5
25/32	29.5	34	21	64	90	334	5
13/16	31	34	22	64	90	343	5
7/8	32	34	23	64	90	347	5
15/16	34.5	34	25	64	90	352	5
1	37	34	27	64	90	384	5
1. 1/16	38.5	37	28	64	90	425	5
1. 1/8	41	38	30	63	90	503	5
1. 3/16	42	38	31	63	90	503	5
1. 1/4	44.5	40	34	62	90	544	5
1. 5/16	46	40	34	62	90	557	5
1. 3/8	48.5	42	36	61	90	622	5
1. 7/16	51	42	38	61	90	656	2
1. 1/2	52	45	39	60	90	710	2
1. 9/16	54.5	45	41	60	90	742	2
1. 5/8	56	47	42	59	90	802	2
1.11/16	58.5	47	44	59	90	831	2
1. 3/4	59.5	47	45	59	90	838	2
1.13/16	62	47	47	58	90	906	2
2	68.5	52	52	57	90	1061	2
2. 1/16	71	54	49	—	100	1338	2
2. 1/8	72	55	49	—	100	1351	2
2. 3/16	74.5	53	52	—	100	1389	2
2. 1/4	76	53	52	—	100	1467	2
2. 5/16	78.5	53	52	—	100	1787	2
2. 3/8	79.5	58	55	—	100	1626	2
2. 7/16	82	58	55	—	100	1715	2

6012M-75



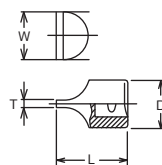
Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



6101



Socket for Slotted Heads
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente



6749
6749-1000 ⚠
6749-HEAD
PIPE-400 / -800

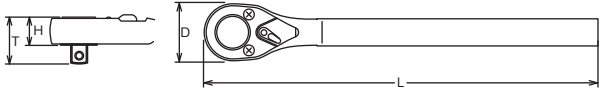
Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



* Renewal Kits → 6749RK

→ P318

RATCHET
HANDLE



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
6749	68	49.6	29.6	565	2840	1
6749-1000	68	49.6	29.6	965	3960	1
6749-HEAD	68	49.6	29.6	165	1730	1
PIPE-400	—	—	—	400	1110	1
PIPE-800	—	—	—	800	2230	1

⚠ 6749-1000 has longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

Der Gelenkgriff 6749-1000 ist länger als die Standardversion. Aus Gründen Ihrer Sicherheit, sollten dies Werkzeug nie ruckartig sondern nach und nach belastet werden, um Bruch und damit verbundene, mögliche Verletzungen zu vermeiden.

Le modèle 6749-1000 a une poignée plus longue que la norme et peut être soumis à un couple excessif. Pour votre sécurité, appliquez toujours la charge de manière uniforme et progressive afin d'éviter toute rupture et blessure.



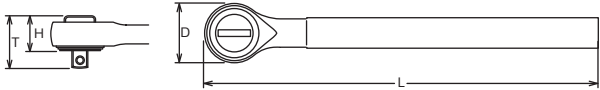
6752
6752-HEAD
PIPE-400

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



* Renewal Kits → 6752RK

→ P319



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
6752	67	55.5	35.5	500	2360	1
6752-HEAD	67	55.5	35.5	100	1250	1
PIPE-400	—	—	—	400	1110	1

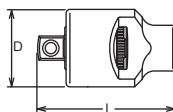


60

* Renewal Kits → 6755RK → P319

	D (mm)	L (mm)	(g)	(pce.)
6755	62	97	1162	1

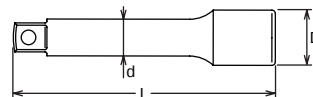
6755 Ratchet Adaptor
Aufsteckknarre
Cliquet adaptable



6760 Extension Bars
Verlängerungen
Rallonges



	D (mm)	d (mm)	L (mm)	(g)	(pce.)
6760-75	35	25	75	335	5
6760-100	35	25	100	434	2
6760-125	35	25	125	528	2
6760-150	35	25	150	624	2
6760-200	35	25	200	815	1
6760-300	35	25	300	1203	1
6760-400	35	25	400	1585	1

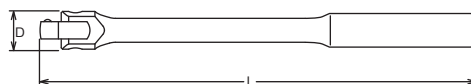


6768 Hinge Handle
Gelenkgriff
Poignée articulée



* Renewal Kits → 6768RK → P321

	D (mm)	L (mm)	(g)	(pce.)
6768	42	450	1715	1



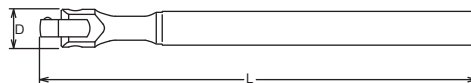
6768-600 / -1000 
6768-HEAD
PIPE-400 / -800

Hinge Handle
Gelenkgriff
Poignée articulée



* Renewal Kits → 6768RK → P321

6768	D (mm)	L (mm)	(g)	(pce.)
6768-600	42	600	2360	1
6768-1000	42	1000	3480	1
6768-HEAD	42	200	1250	1
PIPE-400	—	400	1110	1
PIPE-800	—	800	2230	1



 6768-600/-1000 have longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

Der Art. 6768-600/-1000 hat einen längeren Griff als die Standardausführung und kann mit einem zu hohen Drehmoment belastet werden. Bitte vorsichtig verwenden. Les modèles 6768-600 et 6768-1000 ont une poignée plus longue que la norme et peuvent être soumis à un couple excessif. Pour votre sécurité, appliquez toujours la charge de manière uniforme et progressive afin d'éviter toute rupture et blessure.

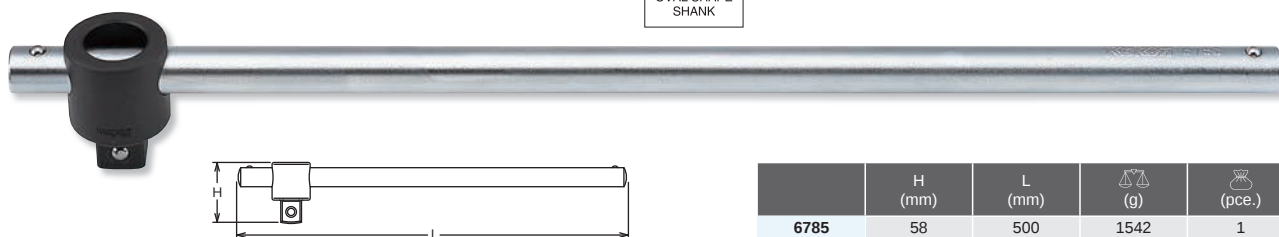


6785

T-Handle
T-Griff
Poignée coulissante



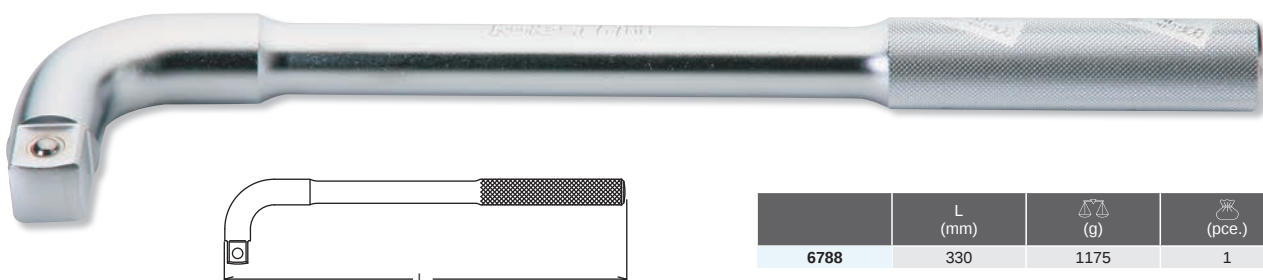
OVAL SHAPE SHANK



	H (mm)	L (mm)	(g)	(pce.)
6785	58	500	1542	1

6788

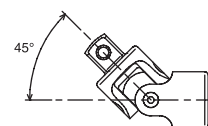
L-Handle
L-Griff
Poignée en L



	L (mm)	(g)	(pce.)
6788	330	1175	1

6770

Universal Joint
Gelenk-Einsatz
Cardan universel



	D (mm)	L (mm)	(g)	(pcs.)
6770	36	105	478	2

6644A

Adaptor
Verbindungsstück
Réducteur

Warranty 668Nm
Garantie 668Nm
Garantie 668Nm



	(sq.)	(sq.)	D (mm)	L (mm)	(g)	(pcs.)
6644A	3/4"	1/2"	32	47	136	5
6688A	3/4"	1"	35	60	285	5

Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

Le passage d'un entraînement carré plus grand à un entraînement carré plus petit peut entraîner une charge de couple excessive et provoquer une rupture. Respectez toujours le couple de sécurité de l'entraînement carré plus petit.

6688A

Adaptor
Verbindungsstück
Augmentateur



3/4" Hand Sockets Hand Steckschlüssel Douilles à main

6201M-00 Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille
6201A-00
6201M-05
6201A-05



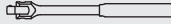
6201A-00 18 Pieces Set/△=17,600g
6201A-05 18 Pieces Set/△=17,600g

METAL CASE:W580×H200×T85mm

Sockets	Accessories
(6201A-00) 6400A 6-pt. Sockets 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4, 1.5/16, 1.7/16, 1.1/2, 1.5/8, 1.11/16, 1.13/16, 1.7/8, 2	 6749  6760-200  6760-400  6768  6785
(6201A-05) 6405A 12-pt. Sockets 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4, 1.5/16, 1.7/16, 1.1/2, 1.5/8, 1.11/16, 1.13/16, 1.7/8, 2	

6201M-00 16 Pieces Set/△=17,300g
6201M-05 16 Pieces Set/△=17,300g

METAL CASE:W580×H200×T85mm

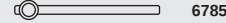
Sockets	Accessories
(6201M-00) 6400M 6-pt. Sockets 22, 24, 27, 30, 32, 36, 41, 46, 50, 55, 60	 6749  6760-200  6760-400  6768  6785
(6201M-05) 6405M 12-pt. Sockets 22, 24, 27, 30, 32, 36, 41, 46, 50, 55, 60	

6212M-00 Socket Sets
Steckschlüssel Sätze
Jeu de clés à douille
6212M-05



6212M-00 12 Pieces Set/△=8,200g
6212M-05 12 Pieces Set/△=8,200g

METAL CASE:W580×H124×T70mm

Sockets	Accessories
(6212M-00) 6400M 6-pt. Sockets 22, 24, 27, 30, 32, 36, 41, 46, 50	 6749  6760-200  6785
(6212M-05) 6405M 12-pt. Sockets 22, 24, 27, 30, 32, 36, 41, 46, 50	

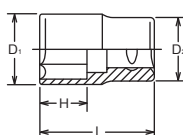
8400M / 8400A



6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



FLAT DRIVE®

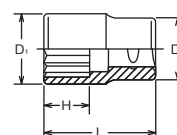


8400M 8405M (mm)	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pce.)
24	36.5	44	17	60	348	1
27	40.5	44	19	60	362	1
28	41.5	44	19.5	60	368	1
29	43	44	20	60	378	1
30	44	45	21	65	410	1
32	46.5	45	23	65	455	1
33	48	46	23.5	65	485	1
34	49	46	24	65	500	1
35	50.5	48	24.5	65	536	1
36	51.5	48	25	65	600	1
38	54	50	26	65	624	1
40	56.5	53	27	65	686	1
41	58	53	28	68	747	1
42	59	53	28.5	68	789	1
46	64	53	31	72	928	1
50	69	53	34	72	943	1
54	74	55	37	72	1016	1
55	75.5	53	42	77	1167	1
56	76.5	53	42	77	1160	1
58	79	53	41	77	1200	1
60	81.5	58	46	82	1440	1
63	85.5	58	45	82	1470	1
64	86.5	58	46	82	1540	1
65	88	63	49	86	1683	1
67	90.5	63	49	86	1840	1
68	91.5	63	49	86	1800	1
70	94	68	50	88	1963	1
71	95.5	68	50	88	2200	1
75	100.5	73	53	90	2204	1
78	104	75	52.5	90	2500	1
80	106.5	75	58	95	2550	1
83	110.5	78	57	95	2730	1
85	113	80	57	95	2680	1
90	119	80	59	100	3420	1
95	125.5	85	58	100	4900	1
100	131.5	85	57	100	4840	1

8405M / 8405A



12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



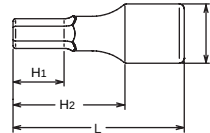
8400A 8405A (inch)	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pce.)
15/16	36.5	44	17	60	355	1
1. 3/16	44	45	21	65	410	1
1. 1/4	46.5	45	23	65	455	1
1. 5/16	48	46	23.5	65	485	1
1. 3/8	50.5	48	24.5	65	536	1
1. 7/16	53	50	25.5	65	607	1
1. 1/2	54	50	26	65	624	1
1. 9/16	56.5	53	27	65	686	1
1. 5/8	58	53	28	68	747	1
1.11/16	60.5	53	29	68	830	1
1. 3/4	61.5	53	29.5	68	807	1
1.13/16	64	53	31	72	928	1
1. 7/8	66.5	53	32	72	936	1
1.15/16	68	53	32.5	72	941	1
2	70.5	53	37	72	976	1
2. 1/16	73	54	37	72	1027	1
2. 1/8	74	55	37	72	1016	1
2. 3/16	76.5	53	41	77	1192	1
2. 1/4	78	53	41	77	1177	1
2. 5/16	80.5	53	41	77	1292	1
2. 3/8	81.5	58	46	82	1440	1
2. 7/16	84	58	45	82	1495	1
2. 1/2	86.5	58	45	82	1497	1
2. 9/16	88	63	49	86	1683	1
2. 5/8	90.5	63	49	86	1840	1
2.11/16	91.5	63	49	86	1800	1
2. 3/4	94	68	50	88	1963	1
2.13/16	96.5	68	50	88	2035	1
2. 7/8	98	70	50	88	2100	1
2.15/16	100.5	73	53	90	2204	1
3	103	75	53	90	2406	1
3. 1/8	106.5	75	58	95	2550	1
3. 1/4	110.5	78	57	95	2730	1
3. 3/8	114	80	57	95	3050	1
3. 1/2	119	80	59	100	3420	1
3. 3/4	125.5	85	58	100	4900	1

8012M-80 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
17	44.2	15.5	45	80	400	5
19	44.2	15.5	45	80	410	5
22	47.9	22.5	45	80	436	5
24	47.9	22.5	45	80	471	5
27	47.9	22.5	45	80	526	5
30	47.9	22.5	45	80	658	5
32	47.9	22.5	45	80	715	5
36	54.2	22.5	45	80	945	5

8012M-80



Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux

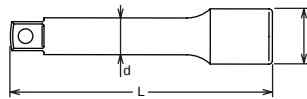


8760

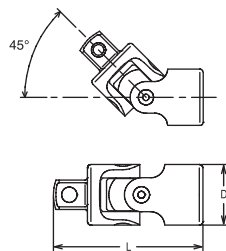
Extension Bars
Verlängerungen
Rallonges



	D (mm)	d (mm)	L (mm)	(g)	(pcs.)
8760-200	44	32	200	1300	1
8760-400	44	32	400	2570	1



	D (mm)	L (mm)	(g)	(pcs.)
8770	48	143	1170	1



8770

Universal Joint
Gelenk-Einsatz
Cardan universel



	(sq.)	(sq.)	D (mm)	L (mm)	(g)	(pcs.)
8866A	1"	3/4"	44	60	338	5

⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque and possibly cause breakage.

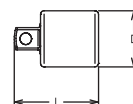
Reduzierstücke sind mit Vernunft einzusetzen.
Es besteht Bruchgefahr. Überschreiten Sie niemals die Sicherheitsgrenzen.

Le passage d'un entraînement carré plus grand à un entraînement carré plus petit peut entraîner une charge de couple excessive et provoquer une rupture.

8866A

Adaptor
Verbindungsstück
Réducteur

Warranty 1850Nm
Garantie 1850Nm
Garantie 1850Nm

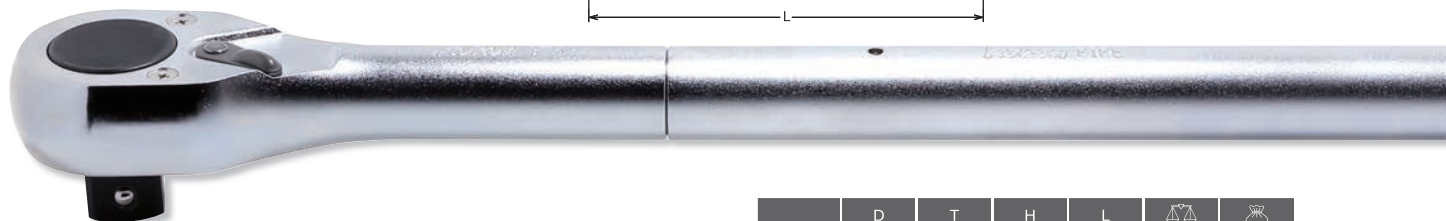
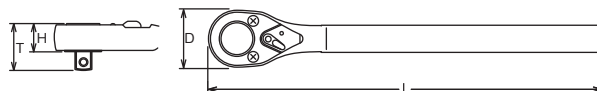


8749 8749-1000 ⚠ 8749-HEAD PIPE-580 / -800

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



* Renewal Kits → 8749RK → P318



⚠ 8749-1000 has longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

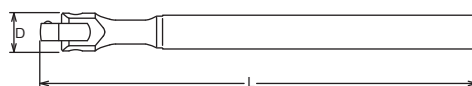
Der Art. 8749-1000 hat einen längeren Griff als die Standardausführung und kann mit einem zu hohen Drehmoment belastet werden. Bitte vorsichtig verwenden.

Le modèle 8749-1000 a une poignée plus longue que la norme et peut être soumis à un couple excessif. Pour votre sécurité, appliquez toujours la charge de manière uniforme et progressive afin d'éviter toute rupture et blessure.

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
8749	70	62.2	36.2	800	4100	1
8749-1000	70	62.2	36.2	1020	4720	1
8749-HEAD	70	62.2	36.2	220	2490	1
PIPE-580	—	—	—	580	1610	1
PIPE-800	—	—	—	800	2230	1

8768 8768-1000 ⚠ 8768-HEAD PIPE-400 / -800

Hinge Handle
Gelenkgriff
Poignée articulée



⚠ 8768-1000 has longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

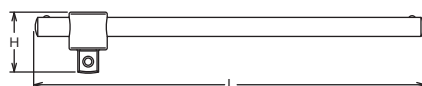
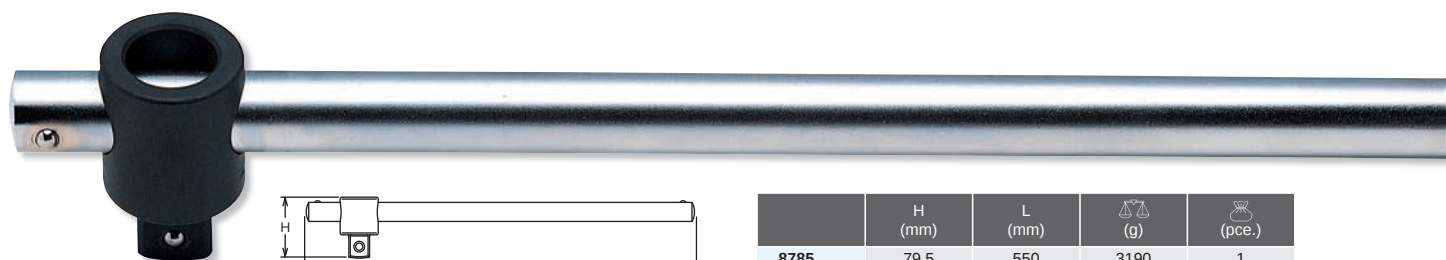
Der Art. 8768-1000 hat einen längeren Griff als die Standardausführung und kann mit einem zu hohen Drehmoment belastet werden. Bitte vorsichtig verwenden.

Le modèle 8768-1000 a une poignée plus longue que la norme et peut être soumis à un couple excessif. Pour votre sécurité, appliquez toujours la charge de manière uniforme et progressive afin d'éviter toute rupture et blessure.

* Renewal Kits → 8768RK → P321

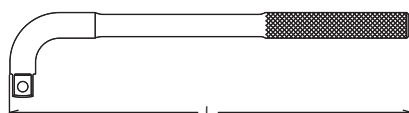
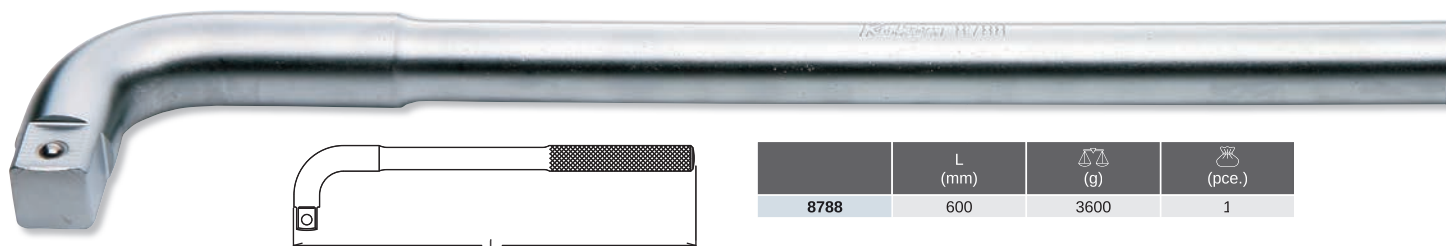
	D (mm)	L (mm)	(g)	(pce.)
8768	55	600	2590	1
8768-1000	55	1000	3710	1
8768-HEAD	55	200	1480	1
PIPE-400	—	400	1110	1
PIPE-800	—	800	2230	1

8785 8785-700 T-Handle T-Griff Poignée coulissante

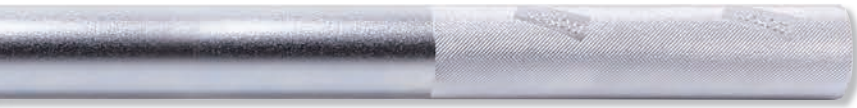


	H (mm)	L (mm)	(g)	(pce.)
8785	79.5	550	3190	1
8785-700	79.5	700	3906	1

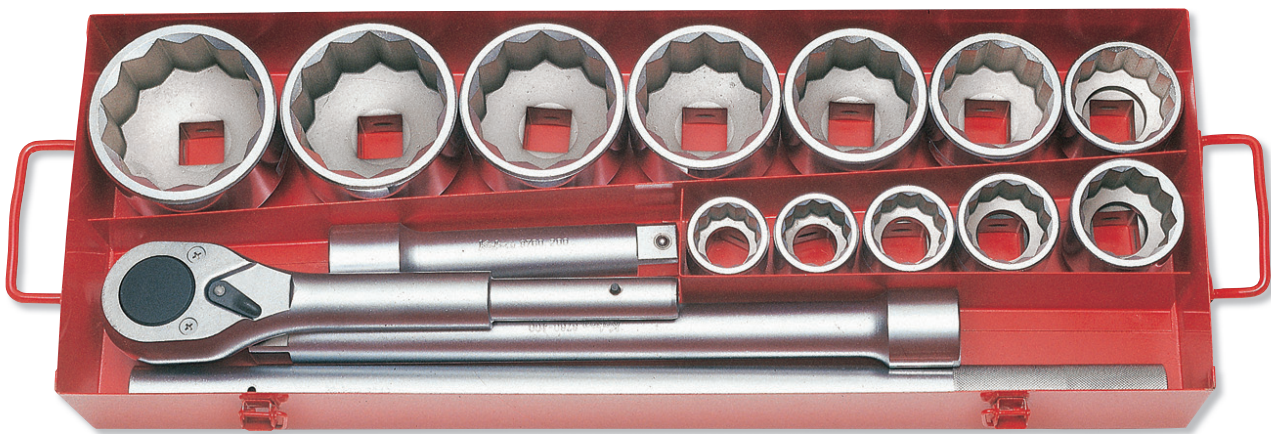
8788 L-Handle L-Griff Poignée en L



	L (mm)	(g)	(pce.)
8788	600	3600	1

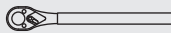
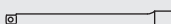


8225M-00 Socket Sets
Steckschlüssel Sätze
8225M-05 Jeu de clés à douille



8225M-00	15 Pieces Set/箱=27,000g
8225M-05	15 Pieces Set/箱=27,000g

METAL CASE:W600×H217×T97mm

Sockets	Accessories
(8225M-00) 8400M 6-pt. Sockets 32, 33, 36, 41, 46, 50, 55, 60, 65, 70, 75, 80	 8749
(8225M-05) 8405M 12-pt. Sockets 32, 33, 36, 41, 46, 50, 55, 60, 65, 70, 75, 80	 8760-200
	 8760-400



A collection of various grey metal sockets and accessories, including hex sockets, double-flange sockets, and sockets with integrated ball joints. The sockets are arranged on a white background, with some showing the 'Korken' brand name and others showing technical specifications like '1/4-7/16-125'.

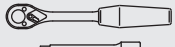
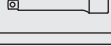
TITAN-SOCKETS & ACCESSORIES
TITAN STECKSCHLÜSSEL UND ZUBEHÖRTEILE
DOUILLES ET ACCESSOIRES TITAN

TI4261M

Socket Set Titanium
Steckschlüssel Satz Titanium
Jeu de clés à douille Titanium



Pentagon Drive

TI4261M 18 Pieces Set/△=4,280g	
WOODEN CASE:W445×H190×T60mm	
Sockets	Accessories
 TI4400M 6-pt. Sockets 8, 10, 11, 12, 13, 14, 17, 19, 21, 22, 24, 26, 27	 TI4749J  TI4760-125  TI4760-250  TI4768J-380  TI4770

Characteristic of TITAN

- Light weight : Makes it effective for operating tools. The specific gravity is only about 58% of chrome molybdenum steel which is used for our normal products.
- Non-Corrosion : Corrosion Resistance is greatly improved against salt water and any kind of chemical products.
- Non-Magnetic : Non-Magnetic material will prevent the tools from magnetizing.

Eigenschaften der TITAN Legierung

- Geringes Gewicht : Das spezifische Gewicht liegt bei 58% herkömmlicher Chrom-Molybdän Stähle.
- Korrosionsfest : Meerwasser oder Säuren hinterlassen keine Spuren.
- Nicht magnetisch : Titan Werkzeuge lassen sich nicht magnetisieren.

Caractéristiques de l'alliage TITAN

- Légèreté : Son poids spécifique n'est que 58% de celui de l'acier au chrome-molybdène utilisé pour tous nos produits standards.
- Anti-corrosion : Aussi bien pour l'eau que pour tous les produits chimiques.
- Anti-magnétique : Le Titan empêche toute magnétisation de l'outil.



Pentagonal drive is designed to avoid using with normal square drive items, so that it will provide extra safety and much more strength.

Der 5-kant Antrieb (Pentagon-Drive) gewährt einen kraftvollen Anzug und unterbindet aus Sicherheitsgründen die Verwendung von Zubehörteilen anderer Legierungen.

L'entraînement pentagonal est conçu pour obtenir un serrage puissant et pour empêcher l'utilisation d'accessoires traditionnels et ce pour des raisons de sécurité.



ACCESSORIES
ZUBEHÖRTEILE
ACCESSOIRES

Stud Pullers & Setters

Stehbolzendreher

Extracteurs de goujons

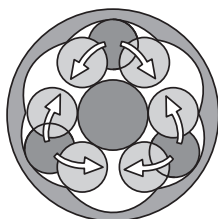
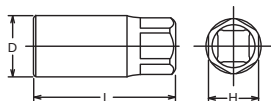
Z-SERIES
HAND
TITANIUM
ACCESSORIES
SCREWDRIVERS
IMPACT
SLEEVE-DRIVE
PROTECTOR
INDUSTRIAL
AUTOMOTIVE
MOTORCYCLE
CONSTRUCTION
SPARE PART

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** → **P321**



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
Jeu 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
Jeu 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)	(pce.)
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 → P321

⚠ 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.)

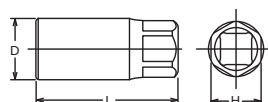
Die Stehbolzendreher ab Abmessung 22mm haben keinen 3/4" Antriebsvierkant.
Bitte benutzen Sie den Aussensechskant.

Les extracteurs de goujon à partir de la dimension 22mm n'ont pas de carré d'entraînement 3/4".
Veuillez utiliser le l'hexagone extérieur.

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

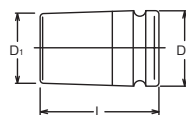
*2 C-Ring=C42, Pin/O-Ring=A42/B42

→ P268-269

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



Stud Pullers & Setters

Stehbolzendreher

Extracteurs de goujons

Z-SERIES

HAND

TITANIUM

ACCESSORIES

SCREWDRIVERS

IMPACT

SLEEVE-DRIVE

PROTECTOR

INDUSTRIAL

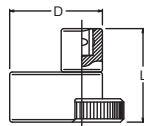
AUTOMOTIVE

MOTORCYCLE

CONSTRUCTION

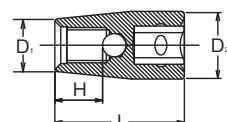
SPARE PART

4104 Stud Puller Stehbolzendreher Extracteurs de goujons



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

4103M / 4103A Stud Bolt Setters Stehbolzensetzer Monte-goujons



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	22.9	13	44	86	10
10(1.5)		15.3	22.9	13	44	86	10
12(1.25)		17.8	22.9	14	44	86	10
12(1.75)		17.8	22.9	14	44	86	10

4103A (inch)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/4(28)	1/2"	10.7	22	9	37	55	10
5/16(18)		13.2	22	11	37	61	10
5/16(24)		13.2	22	11	37	61	10
3/8(16)		14.6	22.9	12	44	84	10
7/16(14)		16.5	22.9	14	44	85	10
1/2(13)		19	22.9	14	44	88	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.

RS4103A/6 6-piece socket set on rail Steckschlüsselsatz auf Schiene Jeu de douilles sur rail



RS4103A/6	6 Pieces Set/Rail 200mm	(g)
1/4(28), 5/16(18), 5/16(24), 3/8(16), 7/16(14), 1/2(13)		468

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



4203M	4 Pieces Set/△=530g
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METAL CASE: W130×H65×T26mm

Stud Bolt Setter

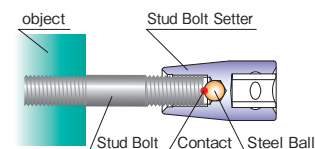
4103M Stud Bolt Setters
6(1.0), 8(1.25), 10(1.5), 12(1.75)

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

13103M (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
5(0.8)		9.5	19	8	32	39	10	*1
6(1.0)		10.8	19	9	32	41	10	*1
7(1.0)	3/8"	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 → P268-269

14103M (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
6(1.0)		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)	1/2"	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 → P268-269

⚠ Depending on the stud bolt and the used torque, 4103M/13103M/14103M may cause scratches on the stud bolts or get stuck during work.

Je nach Gewindebolzen und verwendetem Drehmoment kann es zu Kratzern kommen oder dass sie während der Arbeit stecken bleiben.

Selon le montage-goujon et le couple utilisé, 4103M/13103M/14103M peut causer des rayures ou même bloquer pendant le travail.

23103M (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
6(1.0)		11.1	22	9	59	175	10	*1
8(1.25)	3/8"	13.6	22	11	61	181	10	*1
10(1.25)		16	22	13	63	188	10	*1
10(1.5)		16	22	13	63	188	10	*1

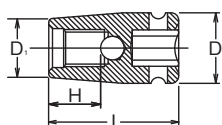
*1 C-Ring=C32, Pin/O-Ring=A32/B32 → P268-269

24103M (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8(1.25)		15.4	30	15	69	332	5	*1
10(1.25)	1/2"	17.8	30	18	72	344	5	*1
10(1.5)		17.8	30	18	72	344	5	*1
12(1.75)		20.2	30	19	74	352	5	*1

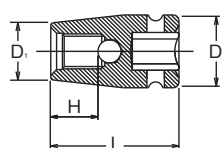
*1 C-Ring=C42, Pin/O-Ring=A42/B42 → P268-269

⚠ This item is not suitable for Impact Drivers.
Das Werkzeug ist nicht für Schlagschrauber geeignet.
Ne pas utiliser avec visseuses à choc.

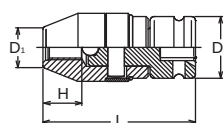
13103M ○ Impact Stud Bolt Setters Impact Stehbolzensetzer Monte-goujons Impact ⚠



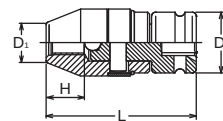
14103M ○ Impact Stud Bolt Setters Impact Stehbolzensetzer Monte-goujons Impact ⚠



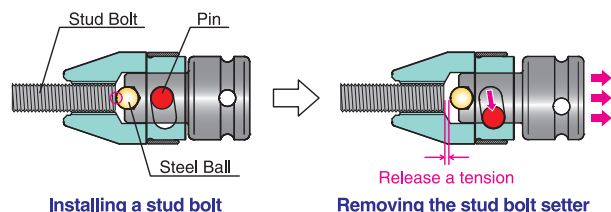
23103M ○ Stud Bolt Setter with unlocking system Stehbolzensetzer mit Entriegelungssystem Monte-goujons avec système de déverrouillage ⚠



24103M ○ Stud Bolt Setter with unlocking system Stehbolzensetzer mit Entriegelungssystem Monte-goujons avec système de déverrouillage ⚠



23103M/24103M -Stud Bolt Setter with unlocking system-



The stud setter has an unlocking system that allows the tool to be easily unscrewed from the stud.

Der Stehbolzensetzer verfügt über ein Entriegelungssystem dadurch lässt sich das Werkzeug ganz leicht vom Stehbolzen abdrehen.

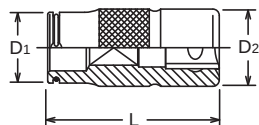
L'outil de pose de goujons dispose d'un système de déverrouillage qui permet de le détacher facilement du goujon.

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, DIN1517 tap

3264 Tap Holder set 10 pieces Halter für Gewindeschneider im Satz Jeu de portes taraud

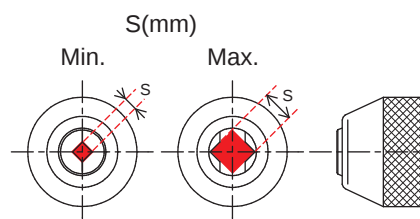
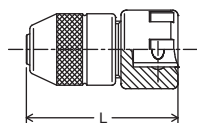


3264 10 Pieces Set/1.050g

METAL CASE: W240×H100×T32mm

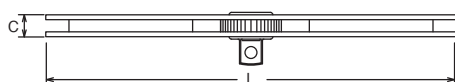
Sockets	Accessories
3131E □ 2.1 × ø2.8, □ 2.7 × ø3.5, □ 3.4 × ø4.5, □ 4.9 × ø6, □ 5.5 × ø7, □ 7 × ø9, □ 9 × ø11, □ 9 × ø12,	160K 3760-125

3131A Adjustable Tap Holder Halter für Gewindeschneider, einstellbar 4131A Porte taraud, ajustable



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

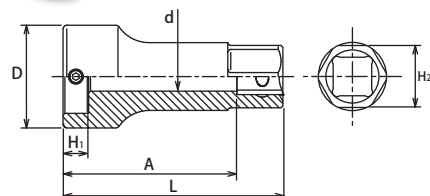
160K Reversible Ratchet Verstellbare Knarre Cliquet réversible



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		48	13	24	18	60	80	315	2
4132-50	1/2"	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

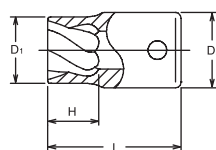
3127 (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	3/8"	11.5	19	8	32	40	10
9		13	19	8	32	40	10
9.5		13.8	19	8	32	41	10
10		14.8	19	10	32	41	10
11		16	19	10	32	43	10
12		17	19	12	32	44	10
13		18.5	19	12	32	46	10
14		19.7	19	14	32	48	10
15		20.7	19	14	32	52	10
16		22.2	22	14	32	66	10
17		23.5	22	16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



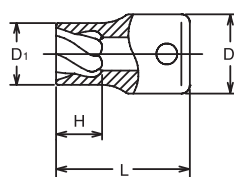
RS2127/6 Socket Set on Rail Steckschlüsselsatz auf Schiene Jeu de douilles sur rail



RS2127/10 Socket Set on Rail Steckschlüsselsatz auf Schiene Jeu de douilles sur rail



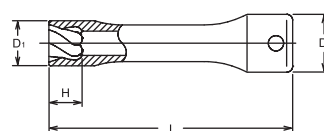
3127 NUTTWISTER®



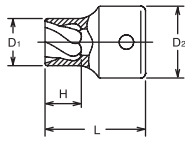
RS3127/8 Socket Set on Rail Steckschlüsselsatz auf Schiene Jeu de douilles sur rail



3128 (L80) NUTTWISTER® (Long type)



4127 NUTTWISTER®



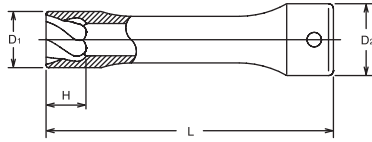
4127 (mm)		D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	 (g)	 (pcs.)
14	1/2"	19.7	30	14	42	125	10
17		23.5	30	16	42	137	10
19		26	30	16	42	146	10
21		28	30	17	42	153	10
22		29.5	30	17	42	158	10
24		32	30	18	42	174	10
25.4		33.5	30	18	42	183	10

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	5
19		26	30	16	120	247	5
21		28	30	17	120	262	5
22		29.5	30	17	120	259	5

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.

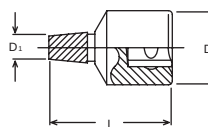


NUTTWISTER®

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



3129-32 / -60 BOLT TWISTER®



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

RS3129/6-L32 / -L60

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



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

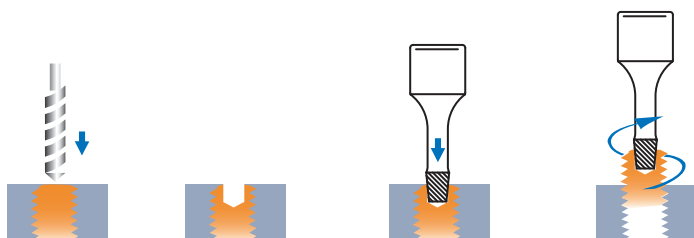
RS4129/5-L37	5 Pieces Set/Rail 150mm	(g)
8, 10, 12, 14, 16		370

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



RS4129/5-L37 / -L75

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



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

Eine effektive Methode und einfache Lösung zum Entfernen von verdrehten Schrauben. Bohren Sie ein Loch in die Mitte der Schraube und treiben Sie den BOLT TWISTER fest in das Loch. Die scharfen Spiralkanten halten die gebrochene Schraube fest und entfernen diese leicht.

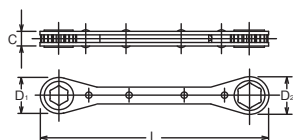
Une méthode efficace et une solution simple pour enlever les vis tordues. Percez un trou au centre de la vis et enfoncez fermement le BOLT TWISTER dans le trou. Les arêtes hélicoïdales tranchantes maintiennent la vis cassée et permettent de la retirer facilement.

BOLT TWISTER	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	5
12×14	145	23.6	24.6	9	112	5

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

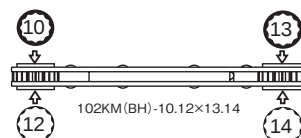
102KM / 102KA Reversible Umstellbar Réversible



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

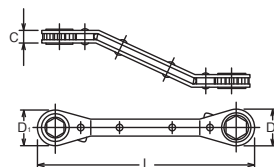
1203	7 Pieces Set/250g
METAL CASE:W130×H65×T20mm	
Sockets	Accessory
150.10H 5, 6, 7, 8, 9, 10	145KM-10H

103KM / 103KA

Reversible
Umstellbar
Réversible

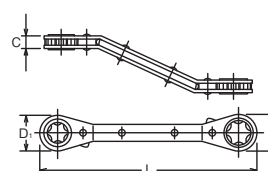
103KA.BH

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



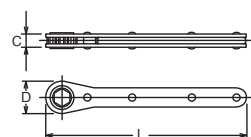
103KT

Reversible TORX®
Umstellbar TORX®
Réversible TORX®



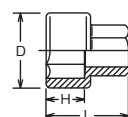
145KM-10H

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

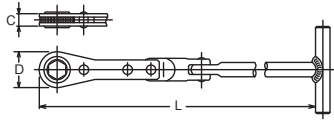
Sockets with 10mm 6-point Drive End in Set with Ratchet
Steckschlüssel mit 10mm Sechskant-Antrieb mit Knarre im Satz
Jeu de douilles à conducteur 10mm 6-pans mâle, avec cliquet



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



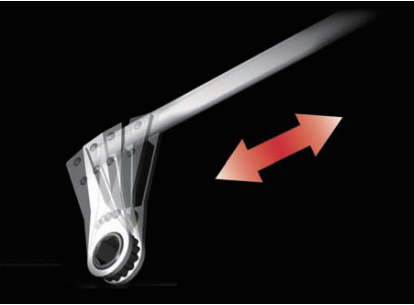
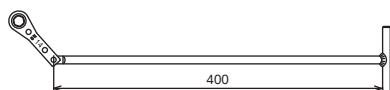
154M (mm)	L (mm)	D (mm)	C (mm)	 (g)	 (pcs.)
8	294	17.1	7.5	178	2
10	297	20.1	7.5	183	2
12	300	23.6	9	189	2
13	301	24.6	9	194	2
14	301	24.6	9	194	2

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	

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

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

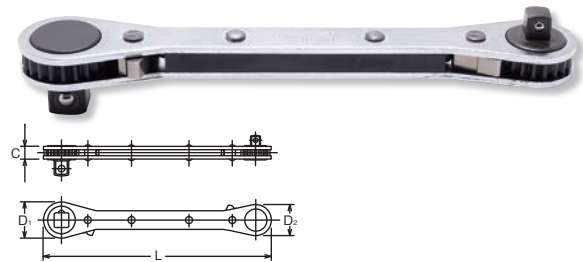
1/4" × 1/4"

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

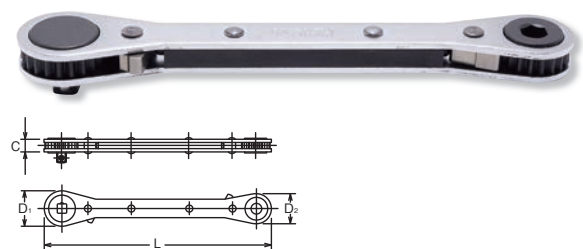
1/4"

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

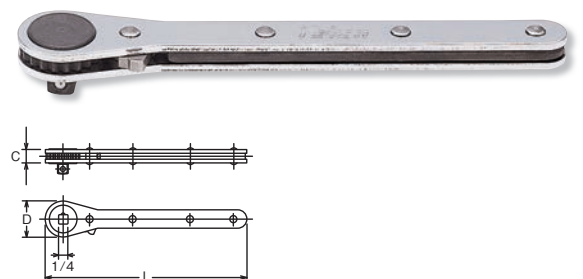
137 For 1/4" and 3/8" Square Drive Sockets
Für Steckschlüssel mit 1/4" und 3/8" Antrieb
Pour douilles d'un carré conducteur de 1/4" et 3/8"



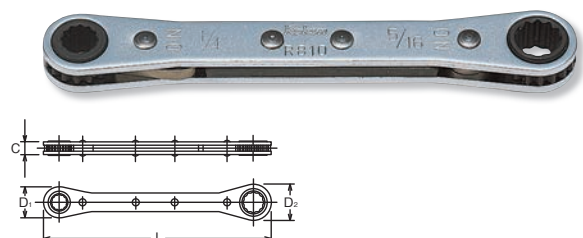
138 For Bits 101
Für Klingen 101
Pour embouts 101



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

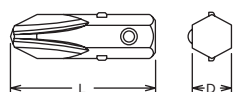
AUTOMOTIVE

MOTORCYCLE

CONSTRUCTION

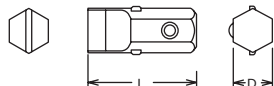
SPARE PART

101P PH Bits PH Bits Embouts, PH



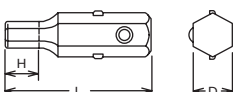
101P (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	20.5	3	10
2	6.35	20.5	4	10
3	6.35	20.5	5	10

101S Slotted Bits Schlitz Bits Embouts, fente



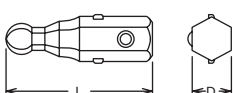
101S	D (mm)	L (mm)	(g)	(pcs.)
1.0x7	6.35	15	3	10
1.2x7	6.35	15	3	10

101H Hex Bits Sechskant Bits Embouts, 6 pans creux



101H (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	6.35	6	20.5	5	10
4	6.35	6	20.5	5	10
5	6.35	6	20.5	5	10
6	6.35	6.5	20.5	5	10
7	6.35	—	20.5	6	10
8	6.35	—	20.5	7	10

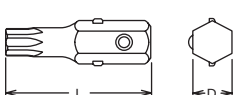
101B Ball-point Hex Bits Sechskant Bits Embouts, 6 pans creux



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

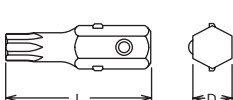
 Ball point bits have less strength due to the special design.
Make sure to use them correctly.

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)	H (mm)	L (mm)	(g)	(pcs.)
3	8	6	32	11	10
4	8	6	32	11	10
5	8	6	32	12	10
6	8	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

128H

Hex Bits
Sechskant Bits
Embouts, 6 pans creux



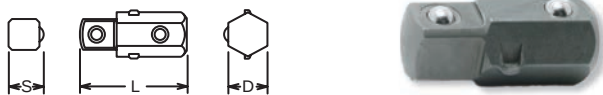
128T

TORX® Bits
TORX® Bits
Embouts, TORX®



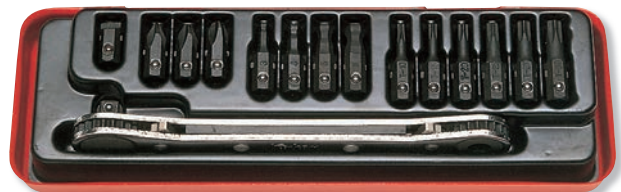
101A

Adaptor
Verbindungsstück
Adaptateur



1202

Bit Set
Bit-Satz
Jeu d'embouts



2254M

Bit Set
Bit-Satz
Jeu d'embouts



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

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

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



R810B Bit Set Bit-Satz Jeu d'embouts



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



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



R810E Socket Set Steckschlüssel Satz Jeu de clés à douilles



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

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

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

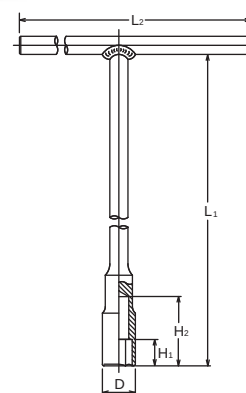
R810D 17 Pieces Set/△=336g	
METAL CASE:W130×H65×T20mm	
Bits, Sockets	Accessories
101P PH Bits 1, 2, 3 101S Slotted Bit 1x7 128H Hex Bits 3, 4, 5, 6, 8 2400M Sockets 5, 6, 7, 8, 9, 10	102NA-1/4x5/16 101A

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

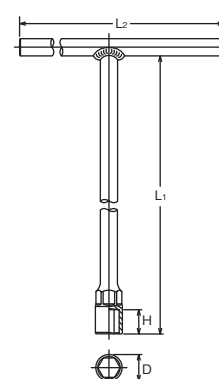
156M (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L ₁ (mm)	L ₂ (mm)	(g)	(pce.)
8	12	9	41	355	200	231	1
10	14.5	11	41	355	200	289	1
12	16.8	13	41	355	200	429	1
14	20	16	41	355	200	454	1



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
21	29	27	350	300	1070	1
22	30	28	350	300	1062	1
24	33	30	350	300	1140	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



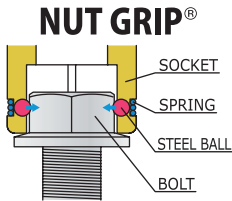
124M-600 (2B)

○ 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.

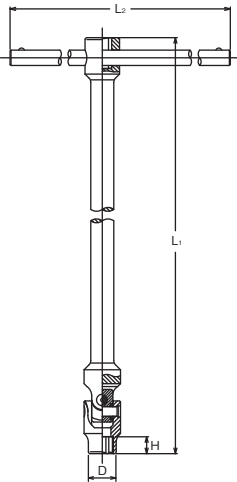


photo: 3116M

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



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

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



For Slotted Heads
Für Schlitzschrauben
Pour vis à fente

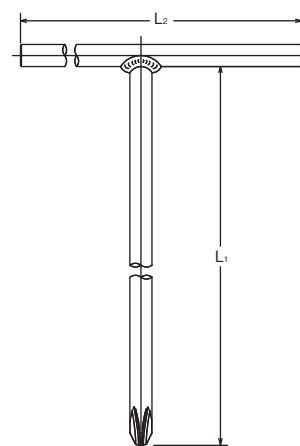
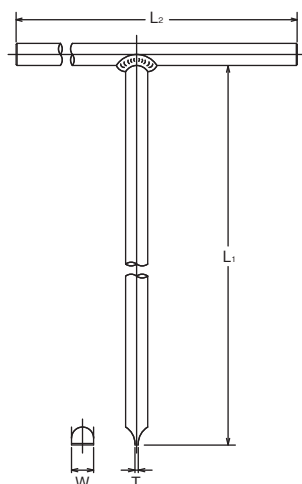
157S	T×W	L ₁ (mm)	L ₂ (mm)	(g)	(pce.)
6	1.0×6	200	180	84	1
8	1.2×8	250	180	170	1

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

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 with freewheel handle
T-Griff mit freilauf Hülse
Poignée en T avec poignée libre



OVAL SHAPE SHANK



3716  T-Handle
T-Griff
Poignée coulissante



WOBBLE-FIX
EXTENSION BAR

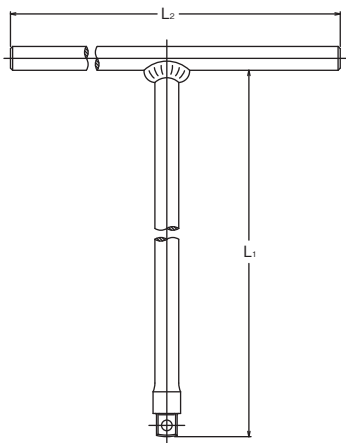
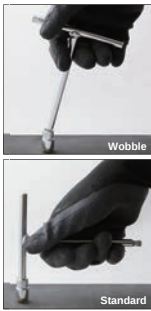


photo: 3715SLK



2716WC  Dual square drive T-Handle
T-Griff mit 2-fachem Antriebsvierkant
Poignée en T avec double carré d'entraînement

3716WC  Dual square drive T-Handle
T-Griff mit 2-fachem Antriebsvierkant
Poignée en T avec double carré d'entraînement



		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

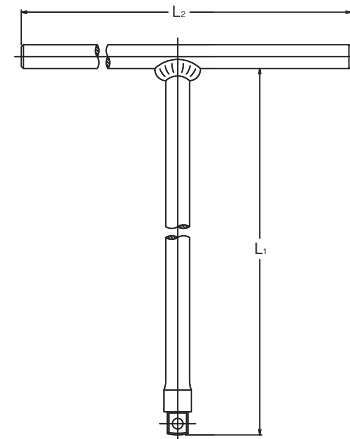
3716
3716 has a reduced square drive and similar function as offset extension bars.

		L ₁ (mm)	L ₂ (mm)	 (g)	 (pcs.)
New 2716WC	1/4"	120	100	87	10
New 3716WC	3/8"	120	100	119	10

4715  T-Handle
T-Griff
Poignée coulissante

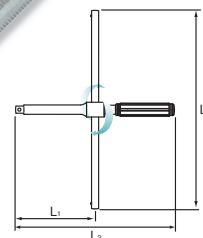
4715S  T-Handle
T-Griff
Poignée coulissante

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



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

* 4112N Renewal Kits → 4112RK → P319

		L (mm)	 (g)	 (pce.)
6112	3/4"	190	1900	1

* Renewal Kits → 6112RK → P319

4112G Attack Driver
Handschlagschrauber
Tournevis à frapper



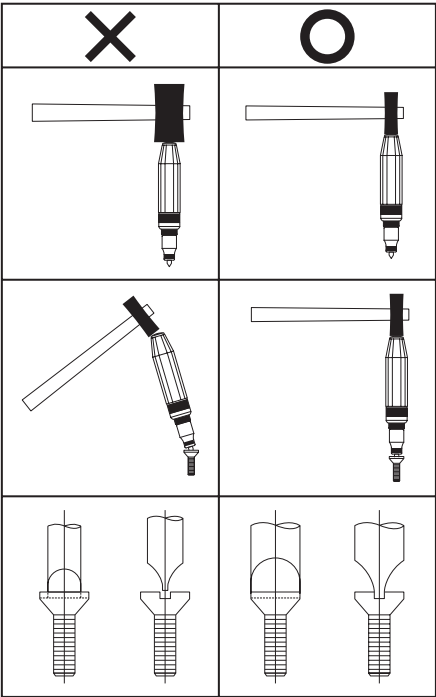
4112N Attack Driver
Handschlagschrauber
Tournevis à frapper



6112 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.



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 → P168

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 → P168

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 → P168-169

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 → P168

AN112C 8 Pieces Set/△=1,350g
METAL CASE:W215×H80×T47mm

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

100P, S Bits → P168

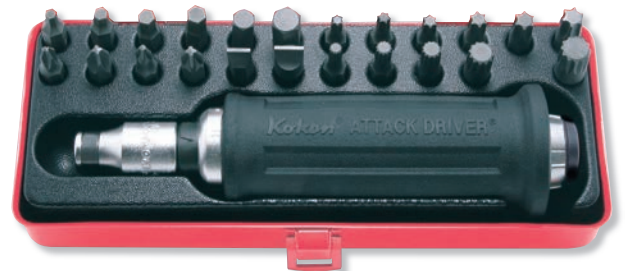
AG318A Attack Driver Set
Handschlagschrauber-Satz
Jeu de tournevis à frapper



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



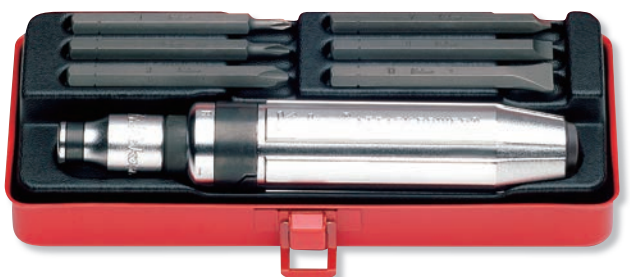
AG112F Attack Driver Set
Handschlagschrauber-Satz
Jeu de tournevis à frapper



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

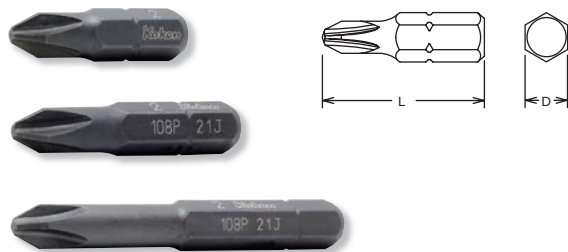


AN112C Attack Driver Set
Handschlagschrauber-Satz
Jeu de tournevis à frapper



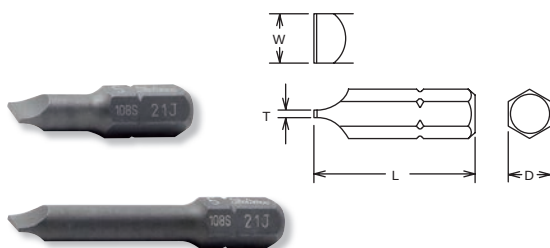
108P-25 / -32 / -50

PH Bits
PH Bits
Embout, PH



108S-25 / -39

Slotted Bits
Schlitz Bits
Embout, fente



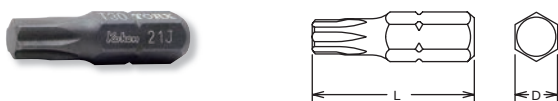
108H-25

Hex Bits
Sechskant Bits
Embout, 6 pans creux



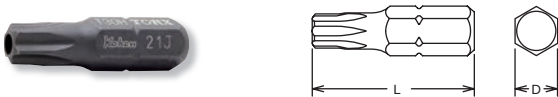
108T-25 (T)

TORX® Bits
TORX® Bits
Embout, TORX®



108T-25 (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.

Die manipulationssicheren TORX®-Bits haben aufgrund ihres speziellen Designs eine geringere Festigkeit.
Achten Sie darauf, sie richtig zu verwenden.

Les embouts TORX® à l'abri de manipulation sont moins résistants en raison de leur conception spéciale.
Veuillez les utiliser correctement.

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	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	0.5×3	6.35	25	3	10
4	0.6×4	6.35	25	3	10
4.5	0.6×4.5	6.35	25	4	10
5	0.8×5	6.35	25	5	10
5.5	0.8×5.5	6.35	25	5	10
6	1.0×6	6.35	25	5	10
8	1.2×8	6.35	25	6	10

108S-39	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	0.5×3	6.35	39	6	10
4	0.6×4	6.35	39	6	10
4.5	0.6×4.5	6.35	39	6	10
5	0.8×5	6.35	39	7	10
5.5	0.8×5.5	6.35	39	8	10
6	1.0×6	6.35	39	9	10
8	1.2×8	6.35	39	12	10

108H-25 (mm)	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	6.35	9	25	4	10
4	6.35	9.5	25	5	10
5	6.35	10.5	25	5	10
6	6.35	11.5	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)	H (mm)	L (mm)	(g)	(pcs.)
1/8	6.35	9	25	4	10
9/64	6.35	9.5	25	5	10
5/32	6.35	9.5	25	5	10
3/16	6.35	10.5	25	5	10
7/32	6.35	11.5	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