

SOCKETS WITH TURNABLE PLASTIC PROTECTORS
STECKSCHLÜSSEL MIT DREHBAREN SCHUTZHÜLSEN AUS KUNSTSTOFF
DOUILLES A PROTECTIONS PLASTIFIEES



Protector
 Protektorehülsen
 Protections



Safety

Turnable plastic protector increases operator's safety during assembly process.

Unsere drehbaren Kunststoff-Hülsen erhöhen die Arbeitssicherheit während des Montageprozesses.

Nos protections rotatives plastifiées augmentent la sécurité lors du montage.

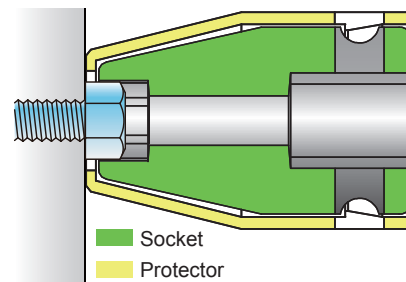


Scratch proof

Protector helps to reduce the possibility giving damage on painted, polished and sensitive surfaces. Protector is free rotation designed.

Die Protektoren vermeiden Beschädigungen an lackierten-, polierten- bzw. empfindlichen Oberflächen. Unsere Protektoren sind frei drehbar.

Les protections évitent des endommagements sur des surfaces laquées, polies ou sensibles. Nos protections ont une libre rotation.



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

3/8"

Protector
 Protektorehülsen
 Protections

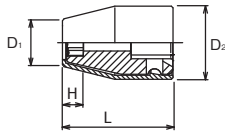
Z-SERIES
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 SPARE PART

13400M (mm)	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)
8FR	15.7	22	6	33.3	40
10FR	18.2	22	7	33.3	40
12FR	20.8	22	9	33.3	43
13FR	21.8	25	10	33.3	56
14FR	23.6	25	10	33.3	56
16FR	26.1	25	11	33.3	57
17FR	27.3	25	12	33.3	60



13400M-FR

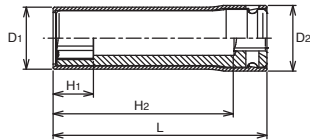
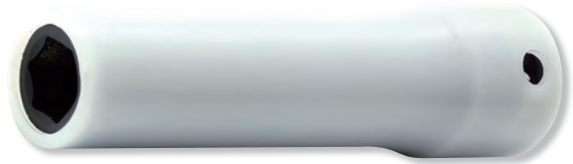
6-point Sockets
 6-kant Steckschlüssel
 Douilles 6-pans



13300M (mm)	D ₁ (mm)	D ₂ (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)
8FR	16.1	22	9	67.5	81.3	87
10FR	18.6	22	11	67.5	81.3	99
12FR	21.1	22	13	67.5	81.3	116
13FR	22.3	25	14	67.5	81.3	143
14FR	23.6	25	15	67.5	81.3	153
16FR	26	25	17	66.5	81.3	161
17FR	27.2	25	18	66.5	81.3	173

13300M-FR

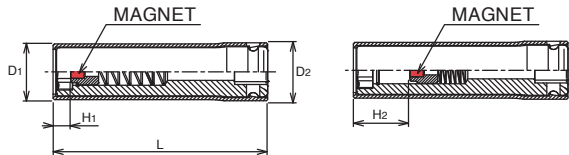
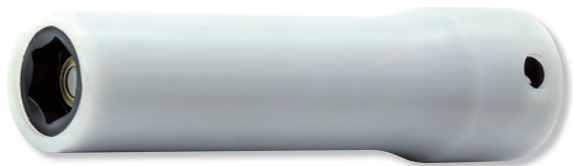
6-point Sockets, deep
 6-kant Steckschlüssel, lang
 Douilles longues, 6-pans



13300G (mm)	D ₁ (mm)	D ₂ (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)
8FR	16.1	22	5	27.5	81.3	87
10FR	18.6	22	5.5	27	81.3	110
12FR	21.1	22	7	27	81.3	141
13FR	22.3	25	7.5	26	81.3	170
14FR	23.6	25	8	25	81.3	191
16FR	26	25	8.5	28	81.3	215
17FR	27.2	25	9	28	81.3	225

13300G-FR

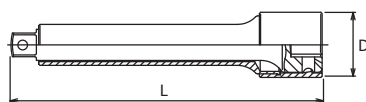
Impact Socket with Sliding Magnet
 Impact Steckschlüssel mit versenkbarem Magnet
 Douilles Impact avec aimant, glissant pour écrous



	D (mm)	L (mm)	(g)
13760-75P.FR	26.2	75	100
13760-125P.FR	26.2	125	145
13760-250P.FR	26.2	250	220

13760-P.FR


Extension Bars
 Verlängerungen
 Rallonges

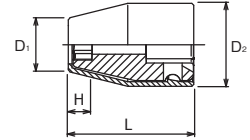


The protector could be broken with any impacts. Please handle with care.

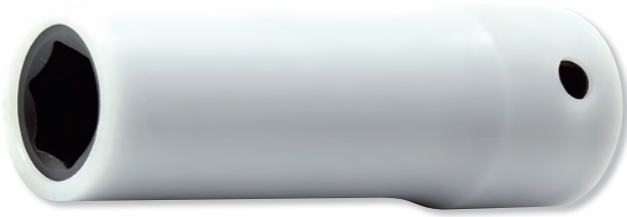
14400M-FR 6-point Sockets 6-kant Steckschlüssel Douilles 6-pans




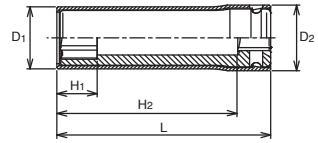
14400M (mm)	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	 (g)
10FR	19.5	28	7	39.3	90
12FR	22	28	9	39.3	90
13FR	23.2	28	10	39.3	90
14FR	24.8	28	11	39.3	90
15FR	26.6	33	11	39.3	135
16FR	27	33	10	39.3	135
17FR	28.2	33	12	39.3	135
18FR	30.2	33	13	39.3	135
19FR	31	33	13	39.3	130



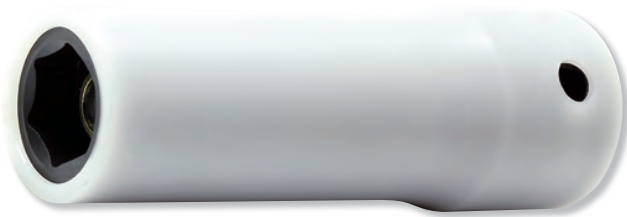
14300M-FR 6-point Sockets, deep 6-kant Steckschlüssel, lang Douilles longues, 6-pans




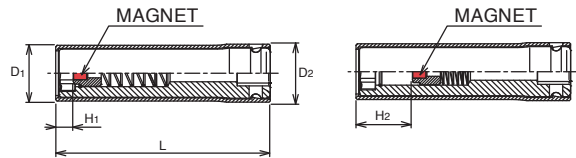
14300M (mm)	D ₁ (mm)	D ₂ (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	 (g)
10FR	19.8	28	11	63	81.3	145
12FR	22.3	28	13	63	81.3	167
13FR	23.5	28	14	63	81.3	167
14FR	24.8	28	15	63	81.3	179
16FR	27.3	33	17	63	81.3	237
17FR	28.5	33	18	63	81.3	237
18FR	29.8	33	18	62	81.3	237
19FR	31	33	20	62	81.3	245



14300G-FR Impact Socket with Sliding Magnet Impact Steckschlüssel mit versenkbarem Magnet




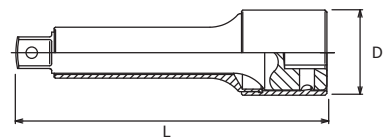
14300G (mm)	D ₁ (mm)	D ₂ (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	 (g)
10FR	19.8	28	5.5	27	81.3	145
12FR	22.3	28	7	27	81.3	170
13FR	23.5	28	7.5	26	81.3	190
14FR	24.8	28	8	25	81.3	194
16FR	27.3	33	8.5	27.5	81.3	275
17FR	28.5	33	9	27.5	81.3	277
19FR	31	33	10	28.5	81.3	313




14760-P.FR Extension Bars Verlängerungen Rallonges



	D (mm)	L (mm)	 (g)
14760-75P.FR	34.2	75	195
14760-125P.FR	34.2	125	280
14760-250P.FR	34.2	250	480



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113-75 (mm)	D (mm)	H (mm)	L (mm)	(g)
8SV	15.1	6	75	34
10SV	16.9	7	75	37
12SV	19.4	8	75	44
13SV	20.4	8	75	45
14SV	21.3	9	75	45

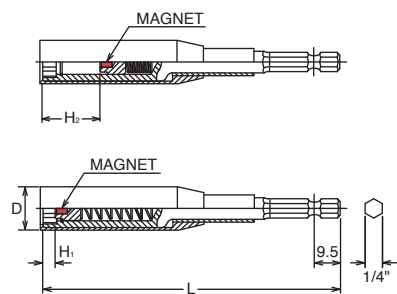
113-100 (mm)	D (mm)	H (mm)	L (mm)	(g)
8SV	15.1	6	100	43
10SV	16.9	7	100	47
12SV	19.4	8	100	54
13SV	20.4	8	100	55
14SV	21.3	9	100	55

113-150 (mm)	D (mm)	H (mm)	L (mm)	(g)
8SV	15.1	6	150	62
10SV	16.9	7	150	66
12SV	19.4	8	150	72
13SV	20.4	8	150	80
14SV	21.3	9	150	80

115-75 (mm)	D (mm)	H (mm)	L (mm)	(g)
8SV	15.1	3.5	75	35
10SV	16.9	4.2	75	40
12SV	19.4	5.6	75	48
13SV	20.4	6	75	54
14SV	21.3	6.4	75	54

115-100 (mm)	D (mm)	H (mm)	L (mm)	(g)
8SV	15.1	3.5	100	44
10SV	16.9	4.2	100	52
12SV	19.4	5.6	100	60
13SV	20.4	6	100	67
14SV	21.3	6.4	100	67

115-150 (mm)	D (mm)	H (mm)	L (mm)	(g)
8SV	15.1	3.5	150	63
10SV	16.9	4.2	150	70
12SV	19.4	5.6	150	79
13SV	20.4	6	150	87
14SV	21.3	6.4	150	87



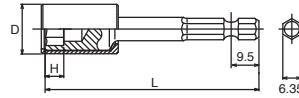
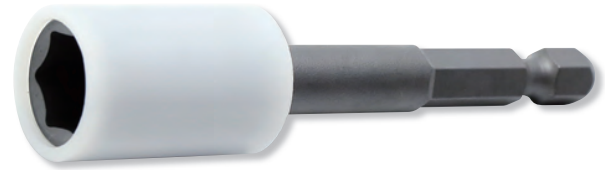
115G-100 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)
8FR	15.1	4	26	100	55
10FR	16.9	4.5	26	100	60
12FR	19.3	6	26	100	80
13FR	20.4	6.5	25	100	85
14FR	21.3	7	24	100	85

115G-150 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)
8FR	15.1	4	26	150	75
10FR	16.9	4.5	26	150	80
12FR	19.3	6	26	150	100
13FR	20.4	6.5	25	150	110
14FR	21.3	7	24	150	110

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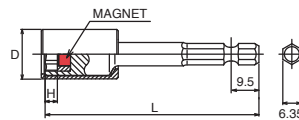
113-75SV / -100SV / -150SV

Nut Setters
 Steckschlüssel Klingen
 Embouts pour écrous



115-75SV / -100SV / -150SV

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



115G-100FR / -150FR / -200FR

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



115G-200 (mm)	D (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)
8FR	15.1	4	26	200	90
10FR	16.9	4.5	26	200	100
12FR	19.3	6	26	200	125
13FR	20.4	6.5	25	200	135
14FR	21.3	7	24	200	135



Specifications or design of any product in this catalogue are subject to change without notice.

Wir behalten uns das Recht vor, jedes in diesem Katalog gezeigte Werkzeug, auch ohne vorherige Ankündigung, in Ausführung und Design ändern zu dürfen.

Nous nous réservons le droit de modifier les modèles et les dimensions des outils présentés dans ce catalogue et ce sans autre notification préalable.



REPLACEMENT

Remove a damaged Protector and put a new Protector on socket / Extension bar by pressing. For your safety, worn out or cracked Protector must be replaced.

AUSTAUSCH

Entfernen Sie defekte Protektoren und ersetzen Sie diese auf Ihrem Steckschlüssel/Verlängerung mittels einer Presse. Bitte tauschen Sie zu Ihrer Sicherheit verschlissene Protektoren aus !

REPLACEMENT

Retirez les protections défectueuses, remplacez celles-ci et fixez-les sur les douilles/rallonges à l'aide d'une presse. Pour votre sécurité remplacez toute protection défectueuse.