



ACTION

IMPACT SOCKETS FOR OPTIMAL PERFORMANCE AND SAFETY

www.rami-yokota.com



ENGLISH

Impact sockets
Sleeve drive sockets
Accessories

DEUTSCH

Kraftsteckschlüssel
Spindelgeführte
Steckschlüssel
Zubehör

FRANÇAIS

Douilles à choc
Douilles guidées
Accessoires

CONTENTS | INHALT | SOMMAIRE

	ABOUT ACTION	ÜBER ACTION	A PROPOS D'ACTION	PAGE SEITE PAGE
	INTRODUCTION	Einleitung	A propos d'ACTION	4
	IMPACT SOCKETS FOR SCREWDRIVERS	KRAFTSTECKSCHLÜSSEL FÜR DREHSCHRAUBER	DOUILLES À CHOC POUR VISSEUSES	
1/4"	6-POINT & TAP HOLD SOCKETS	6-Kant & Gewindebohrerhalter	6-pans douille porte-taraud	6
	IMPACT SOCKETS	KRAFTSTECKSCHLÜSSEL	DOUILLES À CHOC	
1/4"	6-POINT NORMAL	6-Kant normale Länge	6-Pans normales	7
	6-POINT DEEP	6-Kant tiefe Ausführung	6-pans profonde	7
	TORX®	Torx®	Torx®	8
	SURFACE DRIVE	Surface Drive	Surface Drive	9
	UNIVERSAL JOINT SOCKETS	Kugelgelenkschlüssel	Cardan 6-pans	9
3/8"	6-POINT NORMAL	6-Kant normale Länge	6-Pans normales	10
	6-POINT DEEP	6-Kant tiefe Ausführung	6-Pans profonde	10
	12-POINT NORMAL	12-Kant normale Länge	12-Pans normales	11
	12-POINT DEEP	12-Kant tiefe Ausführung	12-Pans profonde	11
	SURFACE DRIVE	Surface Drive	Surface Drive	12
	TORX®	Torx®	Torx®	13
	TRIPLE SQUARE	Außen-6-Kant (Inbus) AußenXZN	Empreinte 6-Pans Carré triple	15
	TAP HOLDING SOCKETS	Gewindebohrerhalter	Douille porte-taraud	15
	UNIVERSAL JOINTS	Kugelgelenkschlüssel	Cardan	15
	HEX DRIVER-6-POINT (INBUS)	Außen-6-Kant (Inbus)	Empreinte 6-pans	16
	RIBE DRIVER	RIBE Profil	Profil Ribe	16
1/2"	4-POINT / DOUBLE SQUARE	4-Kant Doppel-4-Kant	4-Pans Douille octagonal	16
	6-POINT NORMAL	6-Kant normale Länge	6-Pans normales	18
	6-POINT DEEP	6-Kant tiefe Ausführung	6-Pans profonde	18
	12-POINT NORMAL	12-Kant normale Länge	12-Pans normales	21
	12-POINT DEEP	12-Kant tiefe Ausführung	12-Pans profonde	21
	SURFACE DRIVE	Surface Drive	Surface Drive	22
	TORX®	Torx®	Torx®	22
	UNIVERSAL JOINTS	Kugelgelenkschlüssel	Cardan	24
	TRIPLE SQUARE	Außen-6-Kant (Inbus) Außen XZN	Empreinte 6-Pans Carré triple	25
	RIBE DRIVER	RIBE Profil	Profil Ribe	25
	TAP HOLDING SOCKETS	Gewindebohrerhalter	Douille porte-taraud	25
	STUD BOLT SETTERS	Stehbolzensetzer	Prise goujon	26
3/4"	4-POINT	4-Kant	4-Pans	27
	6-POINT NORMAL	6-Kant normale Länge	6-Pans normales	27
	6-POINT DEEP	6-Kant tiefe Ausführung	6-Pans profonde	28
	STUD BOLT SETTERS	Stehbolzensetzer	Prise goujon	27
	8-POINT	8-Kant normale Länge	8-Pans normales	29
	12-POINT NORMAL	12-Kant normale Länge	12-Pans normales	29
	12-POINT DEEP	12-Kant tiefe Ausführung	12-Pans profonde	30
	TORX®	Torx®	Torx®	30

CONTENTS | INHALT | SOMMAIRE

1"	4-POINT NORMAL 6-POINT NORMAL 6-POINT DEEP 8-POINT NORMAL 12-POINT NORMAL 12-POINT DEEP HEX DRIVER-6-POINT (INBUS)	4-Kant normale Länge 6-Kant normale Länge 6-Kant tiefe Ausführung 8-Kant normale Länge 12-Kant normale Länge 12-Kant tiefe Ausführung Außen-6-Kant (Inbus)	4-Pans normales 6-Pans normales 6-pans profonde 8-Pans normales 12-Pans normales 12-Pans profonde Empreinte 6-pans	32 32 33 34 34 35 35
1½"	6-POINT NORMAL 6-POINT DEEP HEX DRIVER 6-POINT (INBUS)	6-Kant normale Länge 6-Kant tiefe Ausführung Außen-6-Kant (Inbus)	6-Pans normales 6-pans profonde Empreinte 6-pans	36 36 37
2½"	6-POINT NORMAL EXTENSIONS	6-Kant normale Länge VERBINDUNGSTEILE	6-Pans normales ADAPTATEURS	37
	EXTENSION BARS LOCK PIN RETAINER UNIVERSAL JOINTS IMPACT BIT HOLDER ADAPTORS QUICK-CHANGE ADAPTORS	Verlängerungen Adapter Schnellwechselfutter Kugelgelenke Verbindungsteil mit Außenvierkant Reduzierstücke Schnellwechselhalter	Rallonges Mandrin à chocs Rallonges wobble Cardans Adaptateurs Mandrin à chocs	38 38 39 39 40 40
	SLEEVE DRIVE SOCKETS	SPINDELGEFÜHRTE STECKSCHLÜSSEL	DOUILLES GUIDÉES	
3/8"	6-POINT NORMAL 6-POINT LONG 6-POINT DEEP TORX® HEX DRIVER (INBUS)	6-Kant normale Länge 6-Kant lang 6-Kant tiefe Ausführung Torx® Außen-6-Kant (Inbus) AußenXZN	6-Pans normales 6-Pans longues 6-Pans profonde Torx® Empreinte 6-Pans Carré triple	44 44 45 45 45
1/2"	6-POINT NORMAL 6-POINT LONG 6-POINT DEEP TORX® HEX DRIVER (INBUS) STUD BOLT SETTERS	6-Kant normale Länge 6-Kant lang 6-Kant tiefe Ausführung Torx® Außen-6-Kant (Inbus) AußenXZN Stehbolzensetzer	6-Pans normales 6-Pans longues 6-Pans profonde Torx® Empreinte 6-Pans Carré triple Prise goujon	46 46 47 47 47 47
3/4"	6-POINT NORMAL HEX DRIVER (INBUS) TORX® EXTENSIONS QUICKCHANGE ADATORS ADAPTORS	6-Kant normale Länge Außen-6-Kant (Inbus) Außen XZN Torx® Verlängerungen Schnellwechselhalter Verbindungsteile	6-Pans normales Empreinte 6-Pans Carré triple Torx® Rallonges Rallonges Adaptateurs	48 48 48 48 49 49
	IMPACT SOCKETS SETS TORQUE SOCKETS	KRAFTSTECKSCHLÜSSELSETS Torsionskraftsteckschlüssel	JEU DE DOUILLES À CHOC	
	IMPACT SOCKETS SETS TORQUE SOCKETS	Kraftsteckschlüsselsets Barres limiteur de couple	Jeu de douilles pour boulon Barres limiteur de couple	50 54

**SQUARE DRIVE**

ACTION impact sockets are available for Square Drives of 1/4" up to 2 1/2". The shape of the square drive of these sockets are characterized by corners that are rounded off, so the square drive of the powertool have the best possible fit. This means that the torque is transmitted on a large area, not only on the corners of the socket. This results in good endurance of the sockets and a long lifetime.

6 POINT SOCKETS

The 6-point sockets manufactured by ACTION also have rounded off corners. The rounded corners allow some space for the points of the bolthead, so the torque is transmitted on the flanks of the bolthead, giving you better results. Driving the flanks also means that the wear on the points of the bolthead or nut is reduced. For 12-points sockets, a similar geometry is used.

VIERKANTANTRIEB

ACTION Kraftsteckschlüssel sind lieferbar für Vierkantantrieb von 1/4" bis 2 1/2". Die Form des Vierkant-antriebs dieser Kraftsteckschlüssel ist in den Ecken nach außen abgerundet, wodurch der Antriebsvierkant des Schlagschraubers ausgezeichnet passt. Das bedeutet, dass das Drehmoment weitestgehend übertragen wird, nicht nur in den Ecken des Kraftsteckschlüssels. Hierdurch leben Ihre Kraftsteckschlüssel und Schlagschrauber länger.

CARRÉ D'ENTRAINEMENT

Les douilles impact ACTION sont disponibles avec des carrés d'entraînement de taille 1/4" jusque 2 1/2". La forme du carré d'entraînement de ces douilles est caractérisée par les coins arrondis, ainsi le carré d'entraînement de la visseuse a le meilleur positionnement possible. Ceci entraîne un couple de serrage transmis sur une large surface et non seulement dans les coins de la douille. Il résulte ainsi une bonne endurance des douilles et une longue durée de vie.

**SURFACE DRIVE SOCKETS**

Surface Drive Sockets are designed to drive only the center of the flank of a bolthead or nut. The Surface Drive sockets should be recommended for use on nuts with points that have worn off, but also for nuts of softer materials and polished nuts and bolheads.

SLEEVE DRIVE SOCKETS

Sleeve Drive Sockets have been developed by ACTION at the request of YOKOTA to improve the quality of a joint tightened with impulse wrenches. Sleeve Drive Sockets minimize play between socket and tool thus reducing "wobble" and stabilizing the torque setting. The use of Sleeve Drive Sockets is not only of benefit to the actual joint but also reduces vibration to the tool and operator, and reduces noise levels and tool wear.

CAUTION!

Always wear safety goggles when using impact equipment. Do not hold the socket while in use.

All ACTION impact sockets are manufactured according DIN 3121 and DIN 3129.

Universal joints, reducing adapters and thin wall sockets are supplied without warranty.

European Regulation, Directive of Machinery 2006/42/EG and EN/ISO 11148-6, states that only impact sockets are to be used on power tools.

→ If you can't find the proper dimensions, type or size in this catalogue, please contact us!

VORSICHT!

Tragen Sie immer eine Sicherheitsbrille bei der Verwendung von Kraftsteckwerkzeug und -geräten. Halten Sie keinen Kraftsteck-schlüssel fest, wenn die Maschine in Betrieb ist.

Alle ACTION Kraftsteckschlüssel sind gemäß DIN 3121 und DIN 3129 hergestellt.

Alle Kugelgelenke und dünnwandigen Kraftsteckschlüssel werden ohne Garantie geliefert.

Richtlinie für Maschinen 2006/42/EG und EN/ISO 11148-6 besagt, dass nur Kraftsteckschlüsselseinsätze auf Schlagschraubern eingesetzt werden sollen.

→ Sollten Sie die richtigen Typen oder Abmessungen bzw. Schlüsselweiten in diesem Katalog nicht finden, bitte sprechen Sie uns hierzu an!

ATTENTION!

Toujours porter des lunettes de sécurité en utilisant des outils à chocs. Ne pas tenir la douille pendant l'utilisation Toutes les douilles à chocs

Action sont usinées selon les normes DIN 3121 et DIN 3129.

Les douilles à cardan et à paroi mince sont fournies sans garantie.

La régulation européenne, Directive des machines 2006/42/EG et EN/ISO 11148-6, statue que seules les douilles à chocs sont à utiliser avec des visseuses motorisées.

→ Si vous ne pouvez trouver les dimensions, type et tailles requises pour votre application dans ce catalogue, contactez nous!

IMPACT SOCKETS FOR SCREWDRIVERS

KRAFTSTECKSCHLÜSSEL FÜR DREHSCHRAUBER

DOUILLES À CHOC POUR VISSEUSES



IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



1/4" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT NORMAL

6-Kant normal
6-Pans normale

Type		IMG	D1 mm	L mm	L1 mm	-
Metrical · Metrisch · Metric						
DO697B0504	4	A	8	55	4,5	-
DO697B0506	6	A	10	55	4,5	-
DO697B0T06	6	A	10	75	4,5	-
DO697B0T07	7	A	11	75	4,5	-
DO697B0T08	8	A	12	75	4,5	-
DO697B0T10	10	A	14	75	5,5	-
DO697B0T12	12	A	17	75	5,5	-
DO697B0T13	13	A	18	75	5,5	-
DO697B0T14	14	A	19	75	5,5	-
DO697B0W12	12	A	17	200	5,5	-
DO697B0W14	14	A	19	200	5,5	-

6-POINT MAGNETIC

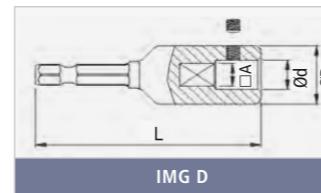
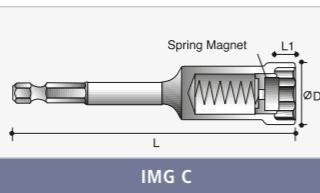
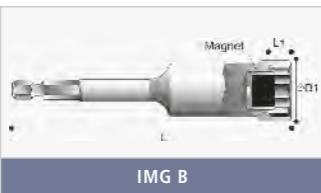
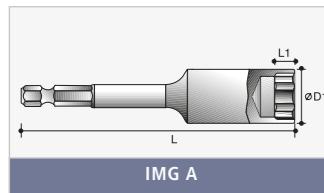
6-Kant magnetisch
6-Pans magnétique

Type		IMG	D1 mm	L mm	L1 mm	-
Metrical · Metrisch · Metric						
DO697B0M06	6	B	10	55	4,5	-
DO697B0M07	7	B	11	55	4,5	-
DO697B0M08	8	B	12	55	4,5	-
DO697B0M10	10	B	14	55	5,5	-
DO697B0M11	11	B	16	55	5,5	-
DO697B0M12	12	B	17	55	5,5	-
DO697B0M13	13	B	18	55	5,5	-
DO697B0M14	14	B	19	55	5,5	-
DO697B0N10	10	B	14	75	5,5	-
DO697B0N12	12	B	17	75	5,5	-
DO697B0P06	6	B	10	100	4,5	-
DO697B0P07	7	B	11	100	4,5	-
DO697B0P08	8	B	12	100	4,5	-
DO697B0P10	10	B	14	100	5,5	-
DO697B0P12	12	B	17	100	5,5	-
DO697B0P13	13	B	18	100	5,5	-
DO697B0P14	14	B	19	100	5,5	-
DO697B0P17	17	B	23	100	5,5	-
DO697B0Q10	10	B	14	150	5,5	-

TAP HOLDING SOCKETS

Gewindebohrerhalter
Douille porte-taraud

Type		IMG	$\varnothing A$ mm	$\varnothing d$ mm	$\varnothing D$ mm	L mm	-
Metrical · Metrisch · Metric							
DO63A65001	3,4	D	4,5	14	55	-	
DO63A65002	4,9	D	6	15	55	-	
DO63A65003	5,5	D	7	16	55	-	
DO63A65004	6,2	D	8	17	60	-	
DO63A65005	7	D	9	18	70	-	
DO63A65006	8	D	10	19	70	-	
DO63A65007	9	D	11	20	70	-	
DO63A65008	9	D	12	21	70	-	
DO63A65009	11	D	14	23	75	-	



1/4" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT NORMAL

6-Kant normale Länge
6-Pans normales

Type		IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Metric						
D00014-0-004	4	A	7,6	13	23	4
D00014-0-005	5	A	8,8	13	23	5
D00014-0-006	6	A	9,5	13	23	6
D00014-0-007	7	A	10,3	13	23	7
D00014-0-008	8	A	12,5	13	23	8
D00014-0-009	9	A	13,8	13	23	9
D00014-0-010	10	C	15	13	23	7
D00014-0-011	11	C	16,3	13	23	8
D00014-0-012	12	C	17	13	23	8
D00014-0-013	13	C	18,8	13	23	8
D00014-0-014	14	C	20	13	23	8
D00014-0-015	15	C	21	13	23	8

6-POINT

6-Kant normal
6-Pans normale

Type		IMG	D1 mm	D2 mm	L mm	L2 mm
SAE · Zoll · Pouce						
D00014-0-3/16	3/16"	A	8,5	13	23	5
D00014-0-1/4	1/4"	A	10,3	13	23	6
D00014-0-5/16	5/16"	A	12,5	13	23	7
D00014-0-3/8	3/8"	C	15	13	23	7
D00014-0-7/16	7/16"	C	16,3	13	23	8
D00014-0-1/2	1/2"	C	18,8	13	23	8

6-POINT DEEP

6-Kant tief
6-Pans profonde

Type		IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Metric						
D00014-1-004	4	A	7,6	13	50	4
D00014-1-045	4,5	A	8,2	13	50	6
D00014-1-005	5	A	8,8	13	50	6
D00014-1-006	6	A	10	13	50	7
D00014-1-007	7	A	11,3	13	50	7
D00014-1-008	8	A	12,5	13	50	9
D00014-1-009	9	C	13,8	13	50	9
D00014-1-010	10	C	15	13	50	9
D00014-1-011	11	C	16,3	13	50	9
D00014-1-012	12	C	17	13	50	9
D00014-1-013	13	C	18,8	13	50	9
D00014-1-014	14	C	20	13	50	9
D00014-1-015	15	C	21	13	50	9

6-POINT NORMAL MAGNETIC

IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



1/4" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

HEX DRIVER 6-POINT (INBUS) 1

Außen-6-Kant (Inbus)
Empreinte 6-pans (inbus)

Type	IMG	D2 mm	L mm	L1 mm	-
Metrical · Metrisch · Metric					
D064805025	2,5	D	13	35	4
D064805030	3	D	13	35	6
D064805040	4	D	13	35	6
D064805050	5	D	13	35	6
D064805060	6	D	13	35	8
D064805070	7	D	13	35	8
D064805080	8	D	13	35	8
D064805090	9	D	13	35	10
D064805100	10	D	13	35	10

TORX® INTERNAL 2

Torx® intern
Torx® intérieure

Type	IMG	D2 mm	L mm	L1 mm	-
D064701005	T5	F	13	2	35
D064701006	T6	F	13	2	35
D064701007	T7	F	13	2	35
D064701008	T8	F	13	2	35
D064701009	T9	F	13	2	35
D064701010	T10	F	13	2,8	35
D064701015	T15	F	13	2,8	35
D064701020	T20	F	13	2,8	35
D064701025	T25	F	13	3	35
D064701027	T27	F	13	3	35
D064701030	T30	F	13	3,8	35

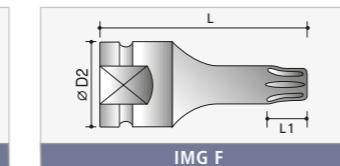
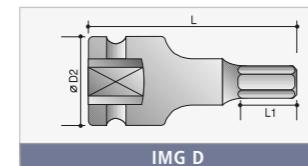
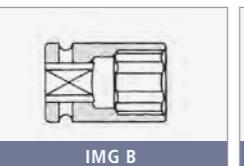
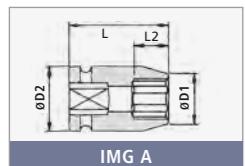
Torx® is a trademark of Textron.

TORX® TAMPER RESISTANT INTERNAL 2

Torx® Tamper Resistant intern
Torx® Tamper Resistant intérieure

Type	IMG	D2 mm	L mm	L1 mm	-
D064706008	T8	F	13	2,0	35
D064706009	T9	F	13	2,0	35
D064706010	T10	F	13	2,8	35
D064706015	T15	F	13	2,8	35
D064706020	T20	F	13	2,8	35
D064706025	T25	F	13	3,0	35
D064706027	T27	F	13	3,0	35
D064706030	T30	F	13	3,8	35

Torx® is a trademark of Textron.



IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



1/4" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

SURFACE DRIVE NORMAL 1

Surface Drive - normal
Surface Drive normale

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
------	-----	-------	-------	------	-------

Metrical · Metrisch · Metric

D063405040	4	A	7,6	13	23	4
D063405045	4,5	A	8,2	13	23	5
D063405050	5	A	8,8	13	23	5
D063405055	5,5	A	9,5	13	23	5
D063405060	6	A	10	13	23	6
D063405070	7	A	11,3	13	23	6
D063405080	8	A	12,5	13	23	7
D063405090	9	C	13,8	13	23	7
D063405100	10	C	15	13	23	7
D063405110	11	C	16,3	13	23	8
D063405120	12	C	17	13	23	8
D063405130	13	C	18,8	13	23	8
D063405140	14	C	20	13	23	8
D063405150	15	C	21	13	23	8

SURFACE DRIVE DEEP 2

Surface Drive tief
Surface Drive profonde

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
------	-----	-------	-------	------	-------

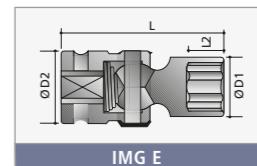
Metrical · Metrisch · Metric

D063407040	4	A	7,6	13	50	4
D063407045	4,5	A	8,2	13	50	6
D063407050	5	A	8,8	13	50	6
D063407055	5,5	A	9,5	13	50	6
D063407060	6	A	10	13	50	7
D063407070	7	A	11,3	13	50	7
D063407080	8	A	12,5	13	50	9
D063407090	9	C	13,8	13	50	9
D063407100	10	C	15	13	50	9
D063407110	11	C	16,3	13	50	9
D063407120	12	C	17	13	50	9
D063407130	13	C	18,8	13	50	9
D063407140	14	C	20	13	50	9
D063407150	15	C	21	13	50	9

PIN AND RING

Ring und Stift
Joint torique clavette

DO1014-0-000



IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



3/8" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT NORMAL

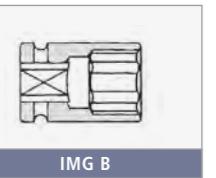
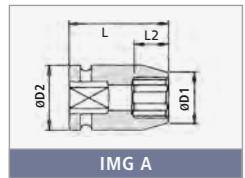
6-Kant normal
6-Pans normale

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metric					
D01038-0-006	6	A	11	19	30
D01038-0-007	7	A	12,5	19	30
D01038-0-008	8	A	14	19	30
D01038-0-009	9	A	15	19	30
D01038-0-010	10	A	16	19	30
D01038-0-011	11	A	17,5	19	30
D01038-0-012	12	B	19	19	30
D01038-0-013	13	A	20	22	30
D01038-0-014	14	A	21	22	30
D01038-0-015	15	B	22	22	30
D01038-0-016	16	C	24	22	30
D01038-0-017	17	C	25	22	30
D01038-0-018	18	C	26	22	30
D01038-0-019	19	C	27,5	22	30
D01038-0-020	20	C	28	22	30
D01038-0-021	21	C	30	22	30
D01038-0-022	22	C	32	23	30
D01038-0-024	24	C	34	23	30

6-POINT NORMAL

6-Kant normal
6-Pans normale

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
SAE - Zoll - Pouze					
D01038-0-5/16	5/16"	A	12,5	19	30
D01038-0-3/8	3/8"	A	14,5	19	30
D01038-0-7/16	7/16"	A	17	19	30
D01038-0-1/2	1/2"	B	19	19	30
D01038-0-9/16	9/16"	B	20	20	30
D01038-0-5/8	5/8"	B	24	24	30
D01038-0-11/16	11/16"	B	24	24	30
D01038-0-3/4	3/4"	B	26	26	30
D01038-0-13/16	13/16"	B	28	28	30
D01038-0-7/8	7/8"	B	30	30	30
D01038-0-15/16	15/16"	B	32	32	30



IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



3/8" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT DEEP

6-Kant tief
6-Pans profonde

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
------	-----	-------	-------	------	-------

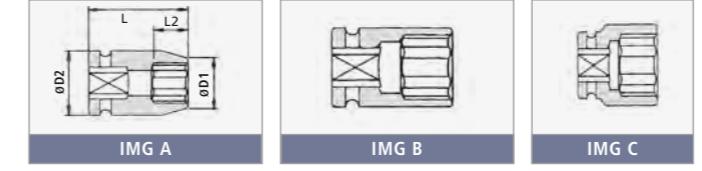
D01038-1-007	7	A	12,5	19	63
D01038-1-008	8	A	13,8	19	63
D01038-1-009	9	A	15	19	65
D01038-1-010	10	A	16	19	65
D01038-1-011	11	A	17,5	19	65
D01038-1-012	12	B	19	19	65
D01038-1-013	13	A	20	22	65
D01038-1-014	14	A	21	22	65
D01038-1-015	15	B	22	22	65
D01038-1-016	16	C	24	22	65
D01038-1-017	17	C	25	22	65
D01038-1-018	18	C	26	22	65
D01038-1-019	19	C	27,5	22	65
D01038-1-020	20	C	28	22	65
D01038-1-021	21	C	30	22	65
D01038-1-022	22	C	32	23	65

12-POINT NORMAL

12-Kant normal
12-Pans normale

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
------	-----	-------	-------	------	-------

D065815006	6	A	11	19	30
D065815007	7	A	12	19	30
D065815008	8	A	13	19	30
D065815009	9	A	15	19	30
D065815010	10	A	16,5	19	30
D065815011	11	A	17,5	19	30
D065815012	12	A	19	20	30
D065815013	13	A	20	22	30
D065815014	14	A	21	22	32
D065815015	15	B	22	22	32
D065815016	16	C	24	22	32
D065815017	17	C	25	22	32
D065815018	18	C	26	22	34
D065815019	19	C	27	22	34
D065815020	20	C	28	22	34
D065815021	21	C	30	22	34
D065815022	22	C	31	23	34
D065815023	23	C	32	23	34
D065815024	24	C	34	23	34
D065815025	25	C	35	23	36
D065815026	26	C	36	23	36



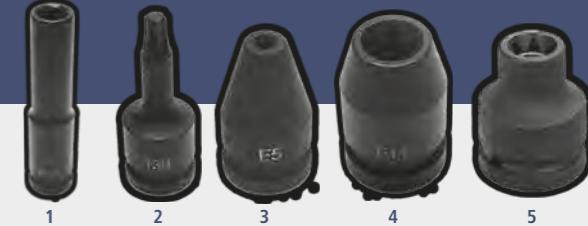
STUD BOLT SETTERS				
Stehbolzensetzer Prise Goujon				
Type	Size Gewinde Taille	D1 mm	D2 mm	L mm
D069781050	M5x0,8	12	22	50
D069781053	M6x1,0	12,5	22	50
D069781056	M7x1,0	13	22	50
D069781059	M8x1,0	15	22	50
D069781060	M8x1,25	14,5	22	50
D069781062	M10x1,25	18	22	50
D069781063	M10x1,5	17	22	50
D069781066	M12x1,75	19	22	50



IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



□ 3/8" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT L=150

6-Kant L=150
6-Pans L=150

Type	IMG	D1 mm	D2 mm	L mm	L2 mm	
Metrical - Metrisch - Metric						
D060715006	6	G	11	19	150	4
D060715008	8	G	13	19	150	8
D060715010	10	G	16	19	150	8
D060715012	12	G	18,5	19	150	9
D060715013	13	G	20	22	150	9
D060715014	14	G	21	22	150	9
D060715015	15	G	22	22	150	11
D060715016	16	G	24	22	150	11
D060715017	17	G	25	22	150	11
D060715018	18	G	26	22	150	12

6-POINT L=200

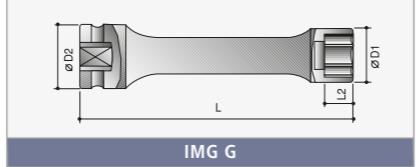
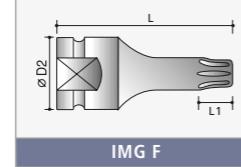
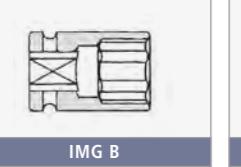
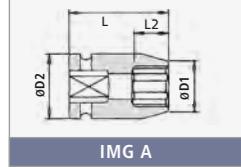
6-Kant L=200
6-Pans L=200

Type	IMG	D1 mm	D2 mm	L mm	L2 mm	
Metrical - Metrisch - Metric						
D060716006	6	G	11	19	200	4
D060716008	8	G	13	19	200	8
D060716010	10	G	16	19	200	8
D060716012	12	G	18,5	19	200	9
D060716013	13	G	20	22	200	9
D060716014	14	G	21	22	200	9
D060716015	15	G	22	22	200	11
D060716016	16	G	24	22	200	11
D060716017	17	G	25	22	200	11

6-POINT L=250

6-Kant L=250
6-Pans L=250

Type	IMG	D1 mm	D2 mm	L mm	L2 mm	
Metrical - Metrisch - Metric						
D060717006	6	G	11	19	250	4
D060717008	8	G	13	19	250	8
D060717010	10	G	16	19	250	8
D060717012	12	G	18,5	19	250	9
D060717013	13	G	20	22	250	9
D060717014	14	G	21	22	250	9
D060717015	15	G	22	22	250	11
D060717016	16	G	24	22	250	11
D060717017	17	G	25	22	250	11



□ 3/8" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

SURFACE DRIVE NORMAL

Surface Drive normal
Surface Drive normale

Type	IMG	D1 mm	D2 mm	L mm	L2 mm	
Metrical - Metrisch - Metric						
D063415008	8	A	13,8	19	32	8
D063415009	9	A	15	19	32	8
D063415010	10	A	16	19	32	8
D063415011	11	A	17,5	19	32	9
D063415012	12	B	19	32	9	
D063415013	13	A	20	22	32	9
D063415014	14	B	22	22	32	9
D063415015	15	B	22	22	32	11
D063415016	16	C	24	22	32	11
D063415017	17	C	25	22	32	11
D063415018	18	C	26	22	32	11
D063415019	19	C	28	22	32	11

SURFACE DRIVE DEEP

Surface Drive tief
Surface Drive profonde

Type	IMG	D1 mm	D2 mm	L mm	L2 mm	
Metrical - Metrisch - Metric						
D063417008	8	A	13,8	19	80	12
D063417009	9	A	15	19	80	12
D063417010	10	A	16	19	80	12
D063417011	11	A	17,5	19	80	25
D063417012	12	B	19	19	80	25
D063417013	13	A	20	22	80	25
D063417014	14	B	22	22	80	25
D063417015	15	B	22	22	80	25
D063417016	16	C	24	22	80	25
D063417017	17	C	25	22	80	25
D063417018	18	C	26	22	80	25
D063417019	19	C	28	22	80	25

TORX® EXTERNAL

Torx® extern
Torx® extérieure

Type	IMG	D1 mm	D2 mm	L mm	L2 mm	
Metrical - Metrisch - Metric						
D063310005	E5	A	9	19	32	4,5
D063310006	E6	A	10	19	32	5
D063310007	E7	A	10	19	32	6
D063310008	E8	A	10,5	19	32	6
D063310010	E10	A	12,5	19	32	7,5
D063310011	E11	A	14,5	19	32	8
D063310012	E12	A	15	19	32	8,5
D063310014	E14	A	17,5	19	32	10
D063310016	E16	B	19	19	32	11
D063310018	E18	B	21	21	34	12,5

TORX® THIN WALL EXTERNAL

Torx® dünnwandig extern
Torx® à paroi mince extérieure

Type	IMG	D1 mm	D2 mm	L mm	L2 mm	
Metrical - Metrisch - Metric						
D063315005	E5	A	8	19	32	4,5
D063315006	E6	A	9	19	32	5
D063315007	E7	A	9,3	19	32	6
D063315008	E8	A</td				

IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



3/8" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT THIN WALL NORMAL 1

6-Kant dünnwandig normal
6-Pans à paroi mince normales

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metric					
DO61110006	6	A	10,5	19	30
DO61110007	7	A	11,5	19	30
DO61110008	8	A	12,5	19	30
DO61110009	9	A	14	19	30
DO61110010	10	A	15	19	30
DO61110011	11	A	17	19	30
DO61110012	12	A	17,5	19	30
DO61110013	13	B	19	19	30
DO61110014	14	B	20	20	30

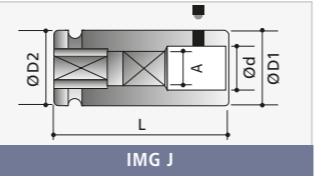
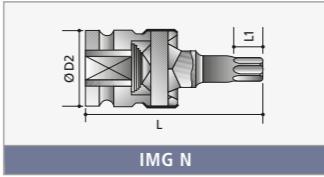
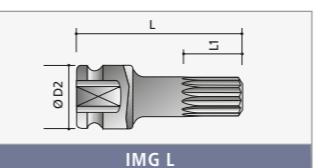
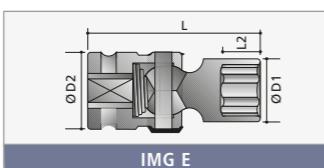
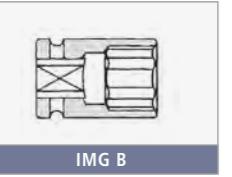
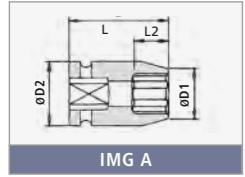
Thin wall sockets are not covered by the ACTION warranty.

6-POINT THIN WALL DEEP 2

6-Kant dünnwandig tief
6-Pans à paroi mince profonde

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metric					
DO61112007	7	A	11,5	19	65
DO61112008	8	A	12,5	19	65
DO61112009	9	A	14	19	65
DO61112010	10	A	15	19	65
DO61112011	11	A	17	19	65
DO61112012	12	A	17,5	19	65
DO61112013	13	B	19	19	65
DO61112014	14	B	20	20	65
DO61112015	15	A	21	22	65
DO61112016	16	C	22,5	22	65
DO61112017	17	C	24	22	65
DO61112018	18	C	25	22	65
DO61112019	19	C	26	22	65
DO61112020	20	C	27	22	65
DO61112021	21	C	28	22	65
DO61112022	22	C	30	23	65

Thin wall sockets are not covered by the ACTION warranty.



IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



3/8" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT UNIVERSAL JOINT NORMAL 3

6-Kant Kugelgelenkschlüssel normal

6-Pans Cardan normale

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metric					

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metric					
DO1038-2-009	9	E	15	24	53
DO1038-2-010	10	E	15	24	53
DO1038-2-011	11	E	17	24	53
DO1038-2-012	12	E	19	24	53
DO1038-2-013	13	E	19	24	53
DO1038-2-014	14	E	21	24	53
DO1038-2-015	15	E	22	24	53
DO1038-2-016	16	E	23	24	53
DO1038-2-017	17	E	25	24	53
DO1038-2-018	18	E	25	24	53
DO1038-2-019	19	E	27	24	53
DO1038-2-020	20	E	30	24	53
DO1038-2-021	21	E	30	24	53
DO1038-2-022	22	E	32	24	53

Type	IMG	D1 mm	D2 mm	L mm	L1 mm	-
Metrical - Metrisch - Metric						
DO65216005	M5	L	19	50	7	-
DO65216006	M6	L	19	50	7	-
DO65216008	M8	L	19	50	9	-
DO65216010	M10	L	19	50	9	-
DO65216012	M12	L	19	50	11	-
DO65216014	M14	L	19	50	11	-
DO65216016	M16	L	19	50	13	-

Type	IMG	D1 mm	D2 mm	L mm	L1 mm	-
Metrical - Metrisch - Metric						
DO65217005	M5	L	19	100	7	-
DO65217006	M6	L	19	100	7	-
DO65217008	M8	L	19	100	9	-
DO65217010	M10	L	19	100	9	-
DO65217012	M12	L	19	100	11	-
DO65217014	M14	L	19	100	11	-
DO65217016	M16	L	19	100	13	-

Type	IMG	D1 mm	D2 mm	L mm	L1 mm	-
Metrical - Metrisch - Metric						
DO65218005	M5	L	19	120	7	-
DO65218006	M6	L	19	120	7	-
DO65218008	M8	L	19	120	9	-
DO65218010	M10	L	19	120	9	-
DO65218012	M12	L	19	120	11	-
DO65218014	M14	L	19	120	11	-
DO65218016	M14	L	19	120	13	-

Type	IMG	D1 mm	D2 mm	L mm	-
Metrical - Metrisch - Metric					
DO6321B001	3,4	J	19	19	4,5
DO6321B002	4,9	J	19	19	6,0
DO6321B003	5,5	J	19	19	7,0
DO6321B004	6,2	J	19	19	8,0
DO6321B005	7,0	J	19	19	9,0
DO6321B006	8,0	J	19	19	10,0
DO6321B007	9,0	J	19	19	11,0
DO6321B008	9,0	J	22	22	12,0
DO6321B009	11,0	J	22	22	14,0

Type	

IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



3/8" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

HEX DRIVER 6-POINT (INBUS) 1

Außen-6-Kant (Inbus)
Empreinte 6-pans (inbus)

Type	mm	IMG	D2 mm	L mm	L1 mm	-
------	----	-----	-------	------	-------	---

Metrical · Metrisch · Metrics

DO696203A	3	P	19	50	16	-
DO696204A	4	P	19	50	16	-
DO696205A	5	P	19	50	16	-
DO696206A	6	P	19	50	16	-
DO696207A	7	P	19	50	16	-
DO696208A	8	P	19	50	16	-
DO696209A	9	P	19	50	16	-
DO696210A	10	P	19	50	16	-
DO696211A	11	P	19	50	16	-
DO696212A	12	P	19	50	16	-
DO696213A	13	P	19	50	16	-
DO696214A	14	P	19	50	16	-
DO696215A	15	P	19	50	16	-
DO696216A	16	P	19	50	16	-

DO64819003	3	P	19	150	16	-
DO64819004	4	P	19	150	16	-
DO64819005	5	P	19	150	16	-
DO64819006	6	P	19	150	16	-
DO64819007	7	P	19	150	16	-
DO64819008	8	P	19	150	16	-
DO64819009	9	P	19	150	16	-
DO64819010	10	P	19	150	16	-
DO64819011	11	P	19	150	16	-
DO64819012	12	P	19	150	16	-
DO64819013	13	P	19	150	16	-
DO64819014	14	P	19	150	16	-
DO64819015	15	P	19	150	16	-
DO64819016	16	P	19	150	16	-

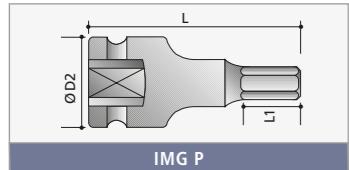
RIBE DRIVER 2

RIBE Profil
Profil Ribe

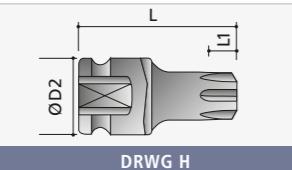
Type	mm	IMG	D2 mm	L mm	L1 mm	-
------	----	-----	-------	------	-------	---

Metrical · Metrisch · Metrics

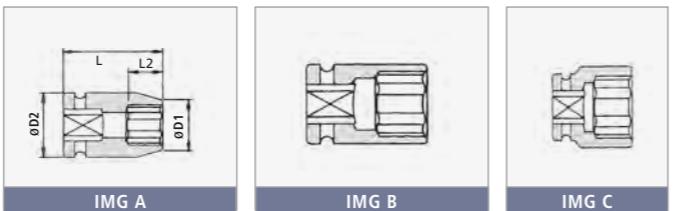
DO65315005	M5	H	19	50	4,5	-
DO65315006	M6	H	19	50	5	-
DO65315007	M7	H	19	50	6,5	-
DO65315008	M8	H	19	50	7,5	-
DO65315010	M10	H	19	50	9	-
DO65315012	M12	H	19	50	10	-
DO65315014	M14	H	19	50	12	-
DO65315016	M16	H	19	50	14	-



IMG P



DRWG H



IMG A

IMG B

IMG C

IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC

1/2" IMPACT SOCKETS | 1/2" KRAFTSTECKSCHLÜSSEL | 1/2" DOUILLES À CHOC



IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



1/2" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT NORMAL

6-Kant normal
6-Pans normale

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metric						
DO2012-0-008	8	A	14,5	25	38	9
DO2012-0-009	9	A	16	25	38	12
DO2012-0-010	10	A	17	25	38	12
DO2012-0-011	11	A	19	25	38	12
DO2012-0-012	12	A	20	24	38	12
DO2012-0-013	13	A	21	25	38	12
DO2012-0-014	14	A	22	25	38	12
DO2012-0-015	15	A	24	30	38	12
DO2012-0-016	16	A	25	30	38	12
DO2012-0-017	17	A	26	30	38	13
DO2012-0-018	18	A	27,5	30	38	13
DO2012-0-019	19	A	29	30	38	13
DO2012-0-020	20	B	30	30	38	13
DO2012-0-021	21	B	32	30	38	13
DO2012-0-022	22	C	32	30	38	13
DO2012-0-023	23	C	32,5	30	38	13
DO2012-0-024	24	C	35	30	45	20
DO2012-0-025	25	C	36	30	45	20
DO2012-0-026	26	C	37,5	30	45	22
DO2012-0-027	27	C	39	30	50	22
DO2012-0-028	28	C	40	30	50	22
DO2012-0-029	29	C	41	30	50	22
DO2012-0-030	30	C	42,5	30	50	22
DO2012-0-032	32	C	44	30	50	28
DO2012-0-034	34	C	45	30	50	28
DO2012-0-036	36	C	48	30	50	28
DO2012-0-038	38	C	53	38	50	24
DO2012-0-041	41	C	58	44	60	27
DO2012-0-046	46	C	65	44	70	30

6-POINT NORMAL

6-Kant normal
6-Pans normale

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
SAE - Zoll - Pouce						
DO2012-0-3/8	3/8"	A	16	22	38	12
DO2012-0-7/16	7/16"	A	18	22	38	12
DO2012-0-1/2	1/2"	A	20	22	38	12
DO2012-0-9/16	9/16"	A	22	24	38	12
DO2012-0-5/8	5/8"	B	25	25	38	12
DO2012-0-11/16	11/16"	B	26	26	38	13
DO2012-0-3/4	3/4"	B	28	28	38	13
DO2012-0-13/16	13/16"	B	30	30	38	13
DO2012-0-7/8	7/8"	B	32	32	38	13
DO2012-0-15/16	15/16"	B	34	34	38	13
DO2012-0-1	1"	B	36	36	38	14
DO2012-0-1 1/16	1 1/16"	B	38	38	40	16
DO2012-0-1 1/8	1 1/8"	C	40	38	40	16
DO2012-0-1 3/16	1 3/16"	C	42	38	40	16
DO2012-0-1 1/4	1 1/4"	C	44	38	40	18
DO2012-0-1 3/8	1 3/8"	C	48,5	38	50	26
DO2012-0-1 7/16	1 7/16"	C	50,5	38	50	26
DO2012-0-1 1/2	1 1/2"	C	52,5	38	50	26

6-POINT NORMAL MAGNETIC

6-Kant normal magnetisch
6-Pans normale magnétique

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metric						
DO6052P008	8	A	15	25	38	3
DO6052P009	9	A	16	25	38	4
DO6052P010	10	A	17,5	25	38	4
DO6052P011	11	A	18,5	25	38	5
DO6052P012	12	A	20	25	38	5
DO6052P013	13	A	21	25	38	5
DO6052P014	14	A	22,5	25	38	6
DO6052P015	15	A	23,7	30	38	6
DO6052P016	16	A	25	30	38	6
DO6052P017	17	A	26,5	30	38	6
DO6052P018	18	A	27,5	30	38	7
DO6052P019	19	A	29	30	38	7
DO6052P020	20	B	30	30	38	7
DO6052P021	21	C	31	30	38	8
DO6052P022	22	C	32,5	30	38	8
DO6052P024	24	C	35	30	45	10

6-POINT DEEP

6-Kant tief
6-Pans profonde

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metric						
DO2012-1-008	8	A	14,5	25	78	13
DO2012-1-009	9	A	16	25	78	14
DO2012-1-010	10	A	17	25	78	14
DO2012-1-011	11	A	18	25	78	14
DO2012-1-012	12	A	19,5	25	78	14
DO2012-1-013	13	A	21	25	78	14
DO2012-1-014	14	A	22	25	78	17
DO2012-1-015	15	A	23,5	30	78	17
DO2012-1-016	16	A	23,5	30	78	17
DO2012-1-017	17	A	26	30	78	17
DO2012-1-018	18	A	26	30	78	17
DO2012-1-019	19	A	28	30	78	19
DO2012-1-020	20	B	30,5	30	78	19
DO2012-1-021	21	B	31	30	78	24
DO2012-1-022	22	C	32,5	30	78	24
DO2012-1-023	23	C	32,5	30	78	24
DO2012-1-024	24	C	35	30	78	24
DO2012-1-025	25	C	36	30	78	24
DO2012-1-026	26	C	37,5	30	78	24
DO2012-1-027	27	C	38	30	78	24
DO2012-1-028	28	C	40	30	78	24
DO2012-1-029	29	C	40	30	78	24
DO2012-1-030	30	C	42	30	78	24
DO2012-1-031	31	C	43	30	78	24
DO2012-1-032	32	C	45	30	78	24
DO2012-1-033	33	C	45	30	90	24
DO2012-1-034	34	C	45	30	90	24
DO2012-1-035	35	C	47	30	90	24
DO2012-1-036	36	C	49	30	90	24
DO2012-1-041	41	C	48	44	93	58
DO2012-1-046	46	C	65	44	93	



□ 1/2" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT L=150 1

6-Kant L=150
6-Pans L=150

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Metrics						
DO60725008	8	G	15	25	150	10
DO60725010	10	G	17,5	25	150	12
DO60725012	12	G	19,5	25	150	12
DO60725013	13	G	21	25	150	12
DO60725014	14	G	22,5	25	150	12
DO60725015	15	G	23,5	30	150	12
DO60725017	17	G	26	30	150	13
DO60725019	19	G	28,5	30	150	13
DO60725020	20	G	30	30	150	13
DO60725021	21	G	31	30	150	13
DO60725025	25	G	36	30	150	15

6-POINT L=200 2

6-Kant L=200
6-Pans L=200

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Metrics						
DO60726008	8	G	15	25	200	10
DO60726010	10	G	17,5	25	200	12
DO60726012	12	G	20	25	200	12
DO60726013	13	G	20	25	200	12
DO60726014	14	G	21	25	200	12
DO60726015	15	G	23,5	30	200	12
DO60726017	17	G	26	30	200	13
DO60726019	19	G	28,5	30	200	13
DO60726020	20	G	30	30	200	13
DO60726021	21	G	31	30	200	13

6-POINT L=250 3

6-Kant L=250
6-Pans L=250

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Metrics						
DO60727008	8	G	15	25	250	10
DO60727010	10	G	17,5	25	250	12
DO60727012	12	G	20	25	250	12
DO60727013	13	G	20,5	25	250	12
DO60727014	14	G	22,5	25	250	12
DO60727015	15	G	23,5	30	250	12
DO60727017	17	G	26	30	250	13
DO60727019	19	G	28,5	30	250	13
DO60727020	20	G	30	30	250	13
DO60727021	21	G	31	30	250	13
DO60727022	22	G	32	30	250	14

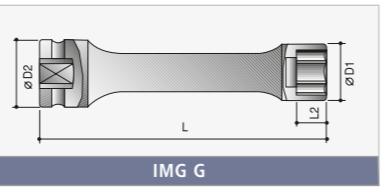
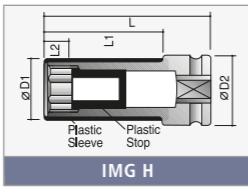
6-POINT THIN WALL DEEP WITH PLASTIC STOP AND SLEEVE 4

6-Kant dünnwandig tief kunststoffbeschichtet
6-Pans paroi mince profonde avec butée et manchon plastique

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Metrics						
DO61126015 (white)	15	H	22	30	85	13
DO61126017 (blue)	17	H	27	30	85	14
DO61126019 (yellow)	19	H	29	30	85	15
DO61126021 (red)	21	H	31	30	85	17
DO61126022 (green)	22	H	32,5	30	85	18

Thin wall sockets are not covered by the Action warranty.

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Metrics						
DO60529019	19	G	28	28	250	13
DO60529021	21	G	31	28	250	13
DO60529024	24	G	35	28	250	15
DO60529027	27	G	38,5	32	250	17

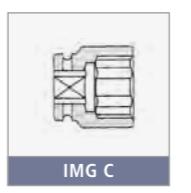
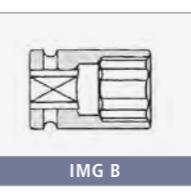
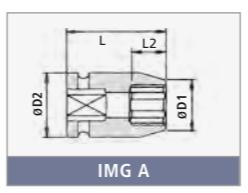


□ 1/2" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

12-POINT NORMAL 1

12-Kant normal
12-Pans normales

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Metrics						
DO63825006	6	A	13	25	38	5
DO63825008	8	A	15	25	38	6
DO63825009	9	A	16	25	38	6
DO63825010	10	A	17,5	25	38	7
DO63825011	11	A	19	25	38	8
DO63825012	12	A	20	25	38	9
DO63825013	13	A	21	25	38	9
DO63825014	14	A	22,5	25	38	11
DO63825015	15	A	23,5	30	38	11
DO63825016	16	A	25	30	38	11
DO63825017	17	A	26,5	30	38	11
DO63825018	18	A	27,5	30	40	13
DO63825019	19	A	29	30	40	13
DO63825020	20	B	30	30	40	13
DO63825021	21	C	31	30	40	15
DO63825022	22	C	32,5	30	40	15
DO63825023	23	C	34	30	40	15
DO63825024	24	C	35	30	45	18
DO63825025	25	C	36	30	45	18
DO63825026	26	C	38	30	50	18
DO63825027	27	C	39	30	50	19
DO63825028	28	C	40	30	50	19
DO63825029	29	C	41	30	50	19
DO63825030	30	C	42,5	30	50	21
DO63825032	32	C	45	30	50	22
DO63825033	33	C	46,5	30	50	22
DO63825036	36	C	50,5	30	50	24
DO63825041	41	C	58,5	44	60	27
DO63825046	46	C	65	44	70	30



IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



□ 1/2" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

SURFACE DRIVE NORMAL 1

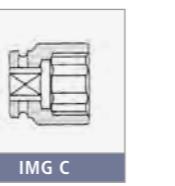
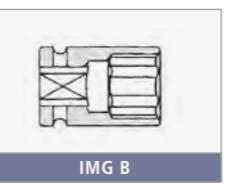
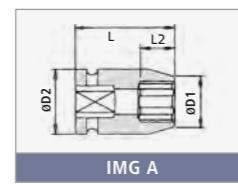
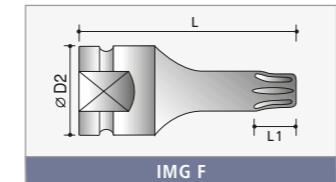
Surface Drive normal
Surface Drive normale

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metric					
DO63425010	10	A	17,5	25	38
DO63425011	11	A	18,7	25	38
DO63425012	12	A	20	25	38
DO63425013	13	A	21	25	38
DO63425014	14	A	22,5	25	38
DO63425015	15	A	23,7	30	38
DO63425016	16	A	25	30	38
DO63425017	17	A	26	30	38
DO63425018	18	A	27,5	30	38
DO63425019	19	A	28,7	30	38
DO63425020	20	B	30	30	38
DO63425021	21	B	30	30	38
DO63425022	22	C	32	30	38
DO63425023	23	C	32	30	38
DO63425024	24	C	35	30	45
DO63425026	26	C	38	30	50
DO63425027	27	C	38,7	30	50
DO63425029	29	C	40	30	50
DO63425030	30	C	42	30	50
DO63425032	32	C	44	30	50

SURFACE DRIVE DEEP 2

Surface Drive tief
Surface Drive profonde

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metric					
DO63427010	10	A	17,5	25	83
DO63427011	11	A	18,7	25	83
DO63427012	12	A	20	25	83
DO63427013	13	A	21	25	83
DO63427014	14	A	22,5	25	83
DO63427015	15	A	23,7	30	83
DO63427016	16	A	25	30	83
DO63427017	17	A	26	30	83
DO63427018	18	A	27,5	30	83
DO63427019	19	A	28,7	30	83
DO63427020	20	B	30	30	83
DO63427021	21	B	30	30	83
DO63427022	22	C	32	30	90
DO63427023	23	C	32	30	90
DO63427024	24	C	35	30	90
DO63427026	26	C	38	30	90
DO63427027	27	C	38,7	30	90
DO63427029	29	C	40	30	90
DO63427030	30	C	42	30	90
DO63427032	32	C	44	30	90



IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



□ 1/2" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

TORX® INTERNAL 3

Torx® intern
Torx® intérieure

Type	IMG	D1 mm	D2 mm	L1 mm	L mm	-
DO64721020	T20	F	25	2,8	55	-
DO64721025	T25	F	25	3,0	55	-
DO64721027	T27	F	25	3,0	55	-
DO64721030	T30	F	25	3,8	55	-
DO64721040	T40	F	25	3,8	55	-
DO64721045	T45	F	25	4,3	55	-
DO64721047	T47	F	25	5,0	55	-
DO64721050	T50	F	25	5,0	55	-
DO64721055	T55	F	25	5,5	55	-
DO64721060	T60	F	25	8,0	55	-
DO64721070	T70	F	25	9,4	55	-

TORX® INTERNAL LONG 4

Torx® intern Lang
Torx® intérieure longue

Type	IMG	D1 mm	D2 mm	L1 mm	L mm	-
DO64722020	T20	F	25	2,8	75	-
DO64722025	T25	F	25	3,0	75	-
DO64722027	T27	F	25	3,0	75	-
DO64722030	T30	F	25	3,8	75	-
DO64722040	T40	F	25	3,8	75	-
DO64722045	T45	F	25	4,3	75	-
DO64722047	T47	F	25	5,0	75	-
DO64722050	T50	F	25	5,0	75	-
DO64722055	T55	F	25	5,5	75	-
DO64722060	T60	F	25	8,0	75	-
DO64722070	T70	F	25	9,4	75	-
DO64725025	T25	F	25	3,0	150	-
DO64725027	T27	F	25	3,0	150	-
DO64725030	T30	F	25	3,8	150	-
DO64725040	T40	F	25	3,8	150	-
DO64725045	T45	F	25	4,3	150	-

TORX® TAMPER RESISTANT INTERNAL LONG 2

Torx® Tamper Resistant intern lang
Torx® Tamper Resistant longue

Type	IMG	D1 mm	D2 mm	L1 mm	L mm	-
DO64727020	T20	F	25	2,8	75	-
DO64727025	T25	F	25	3,0	75	-
DO64727027	T27	F	25	3,0	75	-
DO64727030	T30	F	25	3,8	75	-
DO64727040	T40	F	25	3,8	75	-
DO64727045	T45	F	25	4,3	75	-
DO64727047	T47	F	25	5,0	75	-
DO64727050	T50	F	25	5,0	75	-
DO64727055	T55	F	25	5,5	75	-
DO64727060	T60	F	25	8,0	75	-
DO64727070	T70	F	25	9,4	75	-

TORX® EXTERNAL 3

Torx® extern
Torx® extérieure

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
DO63320010	E10	A	15	25	38
DO63320011	E11	A	15,5	25	38
DO63320012	E12	A	16	25	38
DO63320014	E14	A	18,5	25	38
DO63320016	E16	A	20	25	38
DO63320018	E18	A	22	25	38
DO63320020	E20	A	25	30	38
DO63320022	E22	A	26,5	30	45
DO633200					

IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



1/2" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT UNIVERSAL JOINT NORMAL 1

6-Kant Kugelgelenkschlüssel normal
6-Pans Cardan normales

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
------	-----	-------	-------	------	-------

Metrical - Metrisch - Metriques

DO2012-2-010	10	E	15	28	65	14
DO2012-2-011	11	E	17	28	65	14
DO2012-2-012	12	E	19	28	65	14
DO2012-2-013	13	E	20	28	65	14
DO2012-2-014	14	E	22	28	65	14
DO2012-2-015	15	E	23	28	65	14
DO2012-2-016	16	E	23	28	65	14
DO2012-2-017	17	E	26	32	65	14
DO2012-2-018	18	E	26	32	65	14
DO2012-2-019	19	E	28	32	65	14
DO2012-2-020	20	E	30	32	65	14
DO2012-2-021	21	E	30	32	65	14
DO2012-2-022	22	E	32	32	65	14
DO2012-2-023	23	E	32	32	65	14
DO2012-2-024	24	E	34	32	65	14

Universal joints are not covered by the Action warranty.

6-POINT UNIVERSAL JOINT DEEP 2

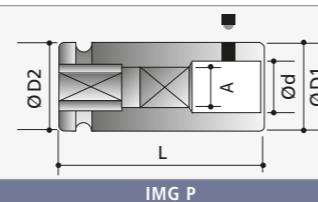
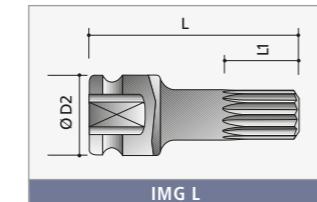
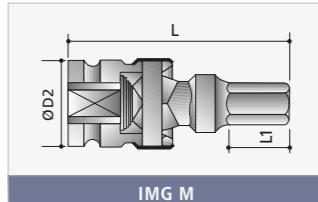
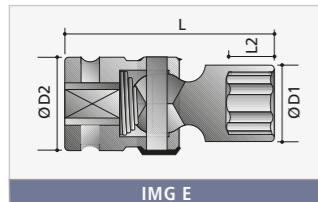
6-Kant Kugelgelenkschlüssel tief
6-Pans Cardan profonde

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
------	-----	-------	-------	------	-------

Metrical - Metrisch - Metriques

DO2012-4-010	10	E	15	28	90	14
DO2012-4-011	11	E	17	28	90	20
DO2012-4-012	12	E	19	28	90	20
DO2012-4-013	13	E	20	28	90	20
DO2012-4-014	14	E	22	28	90	20
DO2012-4-015	15	E	23	28	90	20
DO2012-4-016	16	E	23	28	90	20
DO2012-4-017	17	E	26	32	90	20
DO2012-4-018	18	E	26	32	90	20
DO2012-4-019	19	E	28	32	90	25
DO2012-4-020	20	E	30	32	90	25
DO2012-4-021	21	E	30	32	90	25
DO2012-4-022	22	E	32	32	90	25
DO2012-4-023	23	E	32	32	90	25
DO2012-4-024	24	E	34	32	90	25

Universal joints are not covered by the Action warranty.



IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



1/2" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

HEX DRIVER (INBUS) 1

Außen-6-Kant (Inbus)
Empreinte 6-pans (inbus)

Type	IMG	D2 mm	L mm	L1 mm
------	-----	-------	------	-------

Metrical - Metrisch - Metriques

D0696304A	4	K	25	75	11	-
D0696305A	5	K	25	75	15	-
D0696306A	6	K	25	75	15	-
D0696307A	7	K	25	75	15	-
D0696308A	8	K	25	75	16	-
D0696309A	9	K	25	75	16	-
D0696310A	10	K	25	75	16	-
D0696311A	11	K	25	75	16	-
D0696312A	12	K	25	75	16	-
D0696313A	13	K	25	75	16	-
D0696314A	14	K	25	75	16	-
D0696315A	15	K	25	75	16	-
D0696316A	16	K	25	75	16	-
D0696317A	17	K	25	75	16	-
D0696319A	19	K	25	75	16	-
D0696321A	21	K	30	75	16	-
D0696322A	22	K	30	75	16	-
D064827006	6	K	25	100	15	-
D064828006	6	K	25	125	15	-
D064827008	8	K	25	100	16	-
D064828008	8	K	25	125	16	-
D064827010	10	K	25	100	16	-
D064828010	10	K	25	125	16	-
D064827012	12	K	25	100	16	-
D064827014	14	K	25	100	16	-

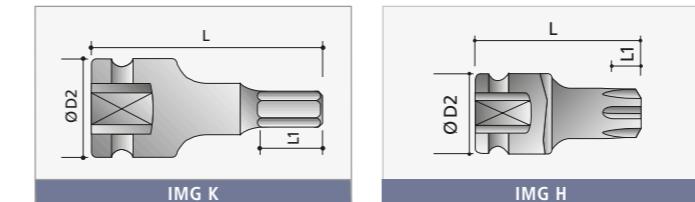
TAP HOLDING SOCKETS 2

Gewindebohrerhalter
Douille port-taraud

Type	□ A mm	IMG	Ø D1 mm	Ø D2 mm	Ø d mm	L mm
------	--------	-----	---------	---------	--------	------

Metrical - Metrisch - Metriques

D06322B001	3,4	P	22	22	4,5	40
D06322B002	4,9	P	22	22	6,0	45
D06322B003	5,5	P	22	22	7,0	45
D06322B004	6,2	P	22	22	8,0	45
D06322B005	7,0	P	22	22	9,0	45
D06322B006	8,0	P	22	22	10,0	45
D06322B007	9,0	P	22	22	11,0	45
D06322B008	9,0	P	22	22	12,0	50
D06322B009	11,0	P	22	22	14,0	52





□ 1/2" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

HEX DRIVER WITH UNIVERSAL JOINT 1

Außen-6-Kant Kugelgelenkschlüssel
Cardan, empreinte 6-pans

Type	mm	IMG	D2 mm	L mm	L1 mm	-
Metrical - Metrisch - Metric						
D065121006	6	M	28	75	13	-
D065121007	7	M	28	75	13	-
D065121008	8	M	28	75	20	-
D065121009	9	M	28	75	20	-
D065121010	10	M	28	75	20	-
D065121011	11	M	28	75	20	-
D065121012	12	M	28	75	20	-
D065121013	13	M	28	75	20	-
D065121014	14	M	28	75	20	-
D065121015	15	M	28	75	20	-
D065121016	16	M	28	75	20	-
D065121017	17	M	28	75	20	-
D065121018	18	M	28	75	20	-
D065121019	19	M	28	75	20	-

STUD BOLT SETTERS

Stehbolzensetzer
Prise Goujon

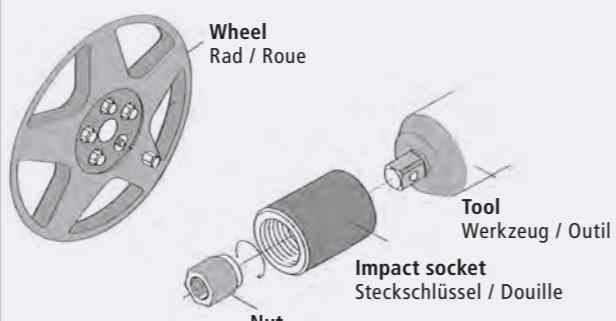
Type	Size Gewinde Taille	D1 mm	D2 mm	L mm
D069782010	M6 x 1,0	13	25	55
D069782017	M8 x 1,0	15	25	55
D069782018	M8 x 1,25	15	25	55
D069782020	M10 x 1,0	18	25	55
D069782021	M10 x 1,25	18	25	55
D069782022	M10 x 1,5	17	25	55
D069782025	M12 x 1,25	19	25	55
D069782026	M12 x 1,5	19	25	55
D069782027	M12 x 1,75	19	25	55
D069782030	M14 x 1,5	23	25	55
D069782031	M14 x 2,0	22	25	55
D069782034	M16 x 1,5	28	30	75
D069782035	M16 x 2,0	27	30	75
D069782038	M18 x 2,5	29	30	75
D069782040	M20 x 1,5	30	30	75
D069782041	M20 x 2,5	30	30	75



WHEEL LUG NUT REMOVER SOCKETS 2

Type	mm	IMG	D1 mm	D2 mm	L mm	L1 mm
D069782090	17	R	24	24	38	17
D069782091	18,5	R	25	25	38	17
D069782092	20	R	26	26	38	22
D069782093	21,5	R	28,5	28,5	38	22
D069782094	23	R	30	30	38	22
D069782095	24,5	R	31	31	38	22
D069782096	26	R	32	32	38	22

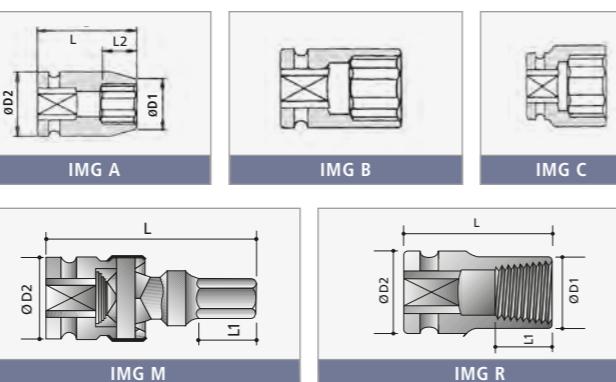
APPLICATION WHEEL LUG NUT REMOVERS SOCKETS

Anwendung der Radmutterkraftsteckschlüssel
Application douilles pour dépose de boulons de roues

PIN AND RING

Ring und Stift
Joint torique clavette

D01012-0-000



□ 3/4" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

4-POINT NORMAL 1

4-Kant normal
4-Pans normale

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metric						

D063045016	16	B	40	40	52	22
D063045017	17	B	40	40	52	22
D063045019	19	B	40	40	52	22
D063045020	20	B	42	42	52	22
D063045021	21	B	42	42	52	22
D063045024	24	C	47	44	52	24

6-POINT NORMAL 2

6-Kant normal
6-Pans normale

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metric						

D03034-0-013	13	A	25	44	50	9
D03034-0-014	14	A	25	44	50	11
D03034-0-015	15	A	26	44	50	11
D03034-0-016	16	A	27	44	50	11
D03034-0-017	17	A	31	44	50	12
D03034-0-018	18	A	32	44	50	13
D03034-0-019	19	A	33	44	50	13
D03034-0-020	20	A	34	44	50	14
D03034-0-021	21	A	35	44	50	15
D03034-0-022	22	A	37	44	50	15
D03034-0-023	23	A	38	44	50	16
D03034-0-024	24	A	40	44	50	16
D03034-0-025	25	A	40	44	50	16
D03034-0-026	26	A	41	44	50	16
D03034-0-027	27	A	43	44	54	19
D03034-0-028	28	B	44	44	54	19
D03034-0-029	29	C	45	44	54	21
D03034-0-030	30	C	47	44	54	21
D03034-0-031	31	C	48	44	56	21
D03034-0-032	32	C	49	44	56	22
D03034-0-033	33	C	51	44	56	22
D03034-0-034	34	C	52	44	56	22
D03034-0-035	35	C	53	44	56	22
D03034-0-036	36	C	54	44	56	25
D03034-0-037	37	C	56	44	58	25
D03034-0-038	38	C	57	44	58	25
D03034-0-039	39	C	58	44	58	25
D03034-0-040	40	C	58	44	58	25
D03034-0-041	41	C	60	44	58	27
D03034-0-042	42	C	62	44	58	27
D03034-0-043	43	C	63	44	63	27
D03034-0-044	44	C	65	44	63	27
D03034-0-045	45	C	66	44	63	27
D03034-0-046	46	C	67	44	63	30
D03034-0-047	47	C	68	44	68	30
D03034-0-04						



□ 3/4" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

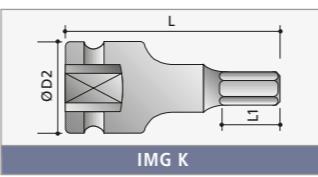
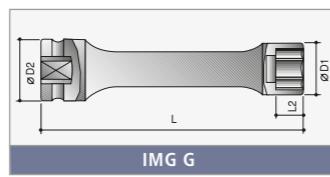
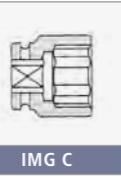
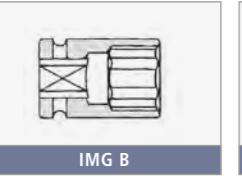
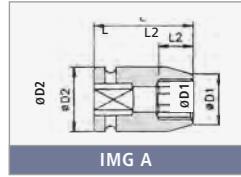
6-POINT DEEP 1

6-Kant tief
6-Pans profonde

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
------	----	-----	-------	-------	------	-------

Metrical · Metrisch · Metrics

DO3034-1-013	13	A	25	44	95	13
DO3034-1-014	14	A	25	44	95	14
DO3034-1-015	15	A	26	44	95	15
DO3034-1-017	17	A	31	44	95	17
DO3034-1-018	18	A	32	44	95	18
DO3034-1-019	19	A	33	44	95	19
DO3034-1-020	20	A	34	44	95	20
DO3034-1-021	21	A	35	44	95	21
DO3034-1-022	22	A	37	44	95	22
DO3034-1-023	23	A	38	44	95	23
DO3034-1-024	24	A	39,5	44	95	24
DO3034-1-025	25	A	40	44	95	25
DO3034-1-026	26	A	41	44	95	26
DO3034-1-027	27	A	43	44	95	27
DO3034-1-028	28	B	44	44	95	28
DO3034-1-029	29	C	45	44	95	29
DO3034-1-030	30	C	47	44	95	30
DO3034-1-031	31	C	48	44	95	31
DO3034-1-032	32	C	49	44	95	32
DO3034-1-033	33	C	51	44	95	33
DO3034-1-034	34	C	52	44	95	34
DO3034-1-035	35	C	53	44	95	35
DO3034-1-036	36	C	54	44	95	36
DO3034-1-037	37	C	56	44	95	37
DO3034-1-038	38	C	57	44	95	38
DO3034-1-039	39	C	58	44	95	38
DO3034-1-040	40	C	58	44	95	38
DO3034-1-041	41	C	60	44	95	38
DO3034-1-042	42	C	62	44	95	38
DO3034-1-043	43	C	63	44	95	38
DO3034-1-044	44	C	65	44	95	38
DO3034-1-046	46	C	67	44	95	38
DO3034-1-047	47	C	68	44	95	38
DO3034-1-048	48	C	69	44	95	38
DO3034-1-049	49	C	70	44	95	38
DO3034-1-050	50	C	71	54	95	38
DO3034-1-052	52	C	74	54	95	40
DO3034-1-055	55	C	77	54	100	40
DO3034-1-060	60	C	84	54	105	42
DO3034-1-065	65	C	88	54	105	66



6-POINT DEEP 1

6-Kant tief
6-Pans profonde

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
------	----	-----	-------	-------	------	-------

SAE · Zoll · Pouce

DO3034-1-13/16	13/16"	A	32	38	85	23
DO3034-1-7/8	7/8"	A	34	38	85	23
DO3034-1-15/16	15/16"	A	36	38	85	41
DO3034-1-1	1"	C	40	38	85	41
DO3034-1-1 1/8	1 1/8"	B	42	42	85	52
DO3034-1-1 3/16	1 3/16"	B	44	44	85	52
DO3034-1-1 1/4	1 1/4"	B	44	44	85	52
DO3034-1-1 5/16	1 5/16"	C	47	44	85	52
DO3034-1-1 7/16	1 7/16"	C	51	44	85	52
DO3034-1-1 1/2	1 1/2"	C	53	44	85	60

6-POINT EXTRA LONG 2

6-Kant extra lang
6-Pans extra longue

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
------	----	-----	-------	-------	------	-------

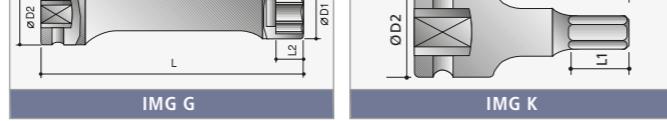
Metrical · Metrisch · Metrics

DO61145024	24	G	38,5	44	270	24
DO61145027	27	G	42	44	270	27
DO61145030	30	G	45	44	270	30
DO61145032	32	G	47	44	270	32
DO61145033	33	G	48	44	270	32
DO61145036	36	G	53,5	44	270	32
DO61146024	24	G	38,5	44	400	24
DO61146027	27	G	42	44	400	27
DO61146030	30	G	45	44	400	30
DO61146032	32	G	47	44	400	32
DO61146033	33	G	48	44	400	32
DO61146036	36	G	53,5	44	400	32

PIN AND RING

Ring und Stift
Joint torique clavette

DO1034-0-000



□ 3/4" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT THIN WALL DEEP 1

6-Kant dünnwandig tief
6-Pans paroi mince profonde

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
------	----	-----	-------	-------	------	-------

Metrical · Metrisch · Metrics

DO61141017	17	A	25,5	44	95	17
DO61141019	19	A	28,5	44	95	19
DO61141022	22	A	33,5	44	95	22
DO61141024	24	A	36,5	44	95	24
DO61141027	27	A	40,5	44	95	27
DO61141030	30	A	43,5	44	95	30
DO61141032	32	B	46,5	44	95	32
DO61141033	33	B	47,5	44	95	33
DO61141035	35	B	51	44	95	35
DO61141036	36	B	52	44	95	36
DO61141038	38	B	54	44	95	38
DO61141041	41	B	57	44	95	38

Thin wall sockets are not covered by the Action warranty.

IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC



3/4" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

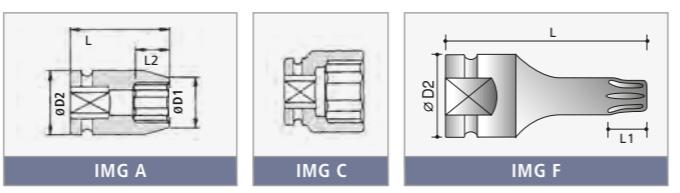
12-POINT NORMAL (CONTINUED)						
Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Métriques						
DO63845063	63	C	87	54	75	37
DO63845065	65	C	90	54	78	40
DO63845067	67	C	92	54	80	40
DO63845070	70	C	96	54	80	40

12-POINT DEEP (CONTINUED)						
Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Métriques						
DO65847013	13	A	24,5	44	95	13
DO65847014	14	A	25,5	44	95	14
DO65847015	15	A	27	44	95	15
DO65847016	16	A	28	44	95	16
DO65847017	17	A	31	44	95	17
DO65847018	18	A	32	44	95	18
DO65847019	19	A	33	44	95	19
DO65847020	20	A	34	44	95	20
DO65847021	21	A	35	44	95	21
DO65847022	22	A	37	44	95	22
DO65847023	23	A	38	44	95	23
DO65847024	24	A	39	44	95	24
DO65847025	25	A	41	44	95	25
DO65847026	26	A	42	44	95	26
DO65847027	27	A	43	44	95	27
DO65847028	28	B	44	44	95	28
DO65847029	29	C	45	44	95	29
DO65847030	30	C	47	44	95	30
DO65847031	31	C	48	44	95	31
DO65847032	32	C	49	44	95	32
DO65847033	33	C	51	44	95	33
DO65847034	34	C	52	44	95	34
DO65847035	35	C	53	44	95	35
DO65847036	36	C	54	44	95	36
DO65847037	37	C	56	44	95	37
DO65847038	38	C	57	44	95	38
DO65847039	39	C	58	44	95	38
DO65847040	40	C	59	44	95	38
DO65847041	41	C	60	44	95	38
DO65847042	42	C	62	44	95	38
DO65847043	43	C	63,5	44	95	38
DO65847044	44	C	64,5	44	95	38
DO65847045	45	C	65,5	44	95	38
DO65847046	46	C	67	44	100	38
DO65847047	47	C	68	44	100	38
DO65847048	48	C	69	44	100	38

..... ►

IMPACT SOCKETS | KRAFTSTECKSCHLÜSSEL | DOUILLES À CHOC

1" IMPACT SOCKETS | 1" KRAFTSTECKSCHLÜSSEL | 1" DOUILLES À CHOC





□ 1" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

4-POINT NORMAL							1
Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm	
Metrical - Metrisch - Metric							
DO63055017	17	B	52	52	57	24	
DO63055019	19	B	52	52	57	24	
DO63055020	20	B	52	52	57	24	
DO63055021	21	B	52	52	57	24	

6-POINT NORMAL							2
Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm	
Metrical - Metrisch - Metric							
DO4010-0-017	17	A	34	54	60	12	
DO4010-0-018	18	A	35	54	60	13	
DO4010-0-019	19	A	35,5	54	60	13	
DO4010-0-020	20	A	37	54	60	14	
DO4010-0-021	21	A	38	54	60	15	
DO4010-0-022	22	A	40	54	60	15	
DO4010-0-023	23	A	41	54	60	16	
DO4010-0-024	24	A	42	54	60	18	
DO4010-0-025	25	A	43	54	60	18	
DO4010-0-026	26	A	44,5	54	60	18	
DO4010-0-027	27	A	46	54	60	19	
DO4010-0-028	28	A	47	54	62	19	
DO4010-0-029	29	A	48	54	62	19	
DO4010-0-030	30	A	50	54	62	21	
DO4010-0-031	31	A	51	54	62	21	
DO4010-0-032	32	A	52	54	62	22	
DO4010-0-033	33	A	53	54	62	22	
DO4010-0-034	34	C	55	54	62	22	
DO4010-0-035	35	C	56	54	65	22	
DO4010-0-036	36	C	57	54	67	25	
DO4010-0-037	37	C	59	54	67	25	
DO4010-0-038	38	C	59,5	54	67	25	
DO4010-0-039	39	C	60	54	70	25	
DO4010-0-040	40	C	62	54	70	25	
DO4010-0-041	41	C	64	54	70	27	
DO4010-0-042	42	C	65	54	74	27	
DO4010-0-043	43	C	66	54	74	27	
DO4010-0-045	45	C	68	54	74	27	
DO4010-0-046	46	C	69,5	54	76	30	
DO4010-0-047	47	C	72	54	76	32	
DO4010-0-048	48	C	73	54	76	32	
DO4010-0-050	50	C	74	54	80	35	
DO4010-0-052	52	C	77	54	84	35	

.....►

6-POINT NORMAL (CONTINUED)							2
Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm	
Metrical - Metrisch - Metric							
DO4010-0-053	53	C	78	54	84	35	
DO4010-0-054	54	C	79	54	84	35	
DO4010-0-055	55	C	81	54	84	35	
DO4010-0-056	56	C	83	54	84	40	
DO4010-0-057	57	C	84	54	84	40	
DO4010-0-058	58	C	85	54	87	40	
DO4010-0-060	60	C	87	54	87	42	
DO4010-0-062	62	C	89	54	87	42	
DO4010-0-063	63	C	90	54	87	42	
DO4010-0-065	65	C	93	54	90	42	
DO4010-0-070	70	C	100	54	96	42	
DO4010-0-075	75	C	106	86	98	45	
DO4010-0-080	80	C	112	86	100	48	
DO4010-0-085	85	C	118	86	105	52	
DO4010-0-090	90	C	125	86	105	52	
DO4010-0-095	95	C	131	86	115	52	
DO4010-0-100	100	C	137	95	115	58	
DO4010-0-105	105	C	143	95	115	58	

6-POINT NORMAL							2
Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm	
Metrical - Metrisch - Metric							
DO4010-0-017	17	A	34	54	60	12	
DO4010-0-018	18	A	35	54	60	13	
DO4010-0-019	19	A	35,5	54	60	13	
DO4010-0-020	20	A	37	54	60	14	
DO4010-0-021	21	A	38	54	60	15	
DO4010-0-022	22	A	40	54	60	15	
DO4010-0-023	23	A	41	54	60	16	
DO4010-0-024	24	A	42	54	60	18	
DO4010-0-025	25	A	43	54	60	18	
DO4010-0-026	26	A	44,5	54	60	18	
DO4010-0-027	27	A	46	54	60	19	
DO4010-0-028	28	A	47	54	62	19	
DO4010-0-029	29	A	48	54	62	19	
DO4010-0-030	30	A	50	54	62	21	
DO4010-0-031	31	A	51	54	62	21	
DO4010-0-032	32	A	52	54	62	22	
DO4010-0-033	33	A	53	54	62	22	
DO4010-0-034	34	C	55	54	62	22	
DO4010-0-035	35	C	56	54	65	22	
DO4010-0-036	36	C	57	54	67	25	
DO4010-0-037	37	C	59	54	67	25	
DO4010-0-038	38	C	59,5	54	67	25	
DO4010-0-039	39	C	60	54	70	25	
DO4010-0-040	40	C	62	54	70	25	
DO4010-0-041	41	C	64	54	70	27	
DO4010-0-042	42	C	65	54	74	27	
DO4010-0-043	43	C	66	54	74	27	
DO4010-0-045	45	C	68	54	74	27	
DO4010-0-046	46	C	69,5	54	76	30	
DO4010-0-047	47	C	71,5	54	76	30	
DO4010-0-048	48</td						



□ 1" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

8-POINT NORMAL 1

8-Kant normal
8-Pans normale

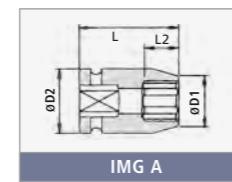
Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metriques						
DO63655019	19	A	45	54	60	13
DO63655024	24	A	52	54	60	18
DO63655027	27	C	56,5	54	60	19
DO63655030	30	C	61	54	62	21
DO63655032	32	C	64	54	62	22
DO63655035	35	C	68,5	58	65	22
DO63655038	38	C	73	58	67	24
DO63655046	46	C	86	62	76	30

12-POINT NORMAL 2

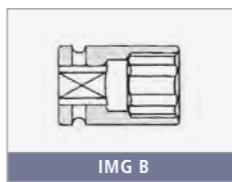
12-Kant normal
12-Pans normale

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metriques						
DO65855016	16	A	32	54	60	11
DO65855017	17	A	34	54	60	12
DO65855018	18	A	35	54	60	13
DO65855019	19	A	36	54	60	13
DO65855020	20	A	37	54	60	14
DO65855021	21	A	38	54	60	15
DO65855022	22	A	39	54	60	15
DO65855023	23	A	40	54	60	16
DO65855024	24	A	41	54	60	18
DO65855025	25	A	43	54	60	18
DO65855026	26	A	44,5	54	60	18
DO65855027	27	A	45	54	60	19
DO65855028	28	A	46,5	54	62	19
DO65855029	29	A	48	54	62	19
DO65855030	30	A	50	54	62	21
DO65855031	31	A	51	54	62	21
DO65855032	32	A	52	54	62	22
DO65855033	33	A	53	54	62	22
DO65855034	34	C	55	54	62	22
DO65855035	35	C	56	54	65	22
DO65855036	36	C	57	54	67	25
DO65855037	37	C	59	54	67	25
DO65855038	38	C	60	54	67	25
DO65855039	39	C	61	54	70	25
DO65855040	40	C	62	54	70	25
DO65855041	41	C	63,5	54	70	27
DO65855042	42	C	65	54	74	27
DO65855043	43	C	66	54	74	27
DO65855044	44	C	67	54	74	27
DO65855045	45	C	68	54	74	27

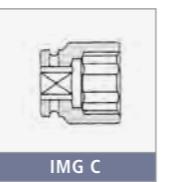
..... ►



IMG A



IMG B



IMG C



□ 1" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

12-POINT NORMAL (CONTINUED) 2

12-Kant normal
12-Pans normale

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metriques						
DO65855046	46	C	70	58	76	30
DO65855047	47	C	71,5	58	76	32
DO65855048	48	C	72,5	58	76	32
DO65855050	50	C	75	62	80	35
DO65855051	51	C	76	62	80	35
DO65855052	52	C	77	62	84	35
DO65855053	53	C	78	62	84	35
DO65855054	54	C	80	62	84	35
DO65855055	55	C	81	62	84	35
DO65855056	56	C	82	62	84	40
DO65855057	57	C	84	62	84	40
DO65855058	58	C	85	62	87	40
DO65855060	60	C	87	62	87	42
DO65855062	62	C	89	62	87	42
DO65855063	63	C	90	62	87	42
DO65855065	65	C	93	62	90	42
DO65855067	67	C	96	62	92	42
DO65855070	70	C	100	62	96	42
DO65855075	75	C	106	86	98	45
DO65855076	76	C	107	86	100	48
DO65855077	77	C	109	86	100	48
DO65855078	78	C	110	86	100	48
DO65855080	80	C	112	86	100	48
DO65855085	85	C	118	86	105	52
DO65855090	90	C	125	86	105	52
DO65855095	95	C	131	86	105	52
DO65855100	100	C	137	86	115	58
DO65855105	105	C	143	95	115	60
DO65855110	110	C	149	95	115	60
DO65855115	115	C	155	95	115	62

..... ►

12-POINT DEEP 1

12-Kant tief
12-Pans profonde

Type	mm	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Metriques						
DO65857016	16	A	32	54	100	16
DO65857017	17	A	34	54	100	17
DO65857018	18	A	35	54	100	18
DO65857020	20	A	37	54	100	20
DO65857021	21	A	38	54	100	21
DO65857022	22	A	40	54	100	22
DO65857023	23	A	41	54	100	23
DO65857024	24	A	42	54	100	24
DO65857025	25	A	43	54	100	25
DO65857026	26	A	44,5	54	100	26
DO65857027	27	A	46	54	100	27
DO65857028	28	A	47	54	100	28
DO65857029	29	A	48	54	100	29
DO65857030	30	A	50	54	100	30
DO65857031	31	A	51	54	100	31
DO65857032	32	A	52	54	100	32
DO65857033	33	A	53	54	100	33
DO65857034	34	C	55	54	100	34
DO65857035	35	C	56	54	100	35
DO65857036	36	C	57	54	100	36
DO65857037	37	C	59	54	100	37
DO65857038	38	C	60	54		



□ 1½" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

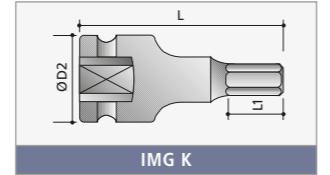
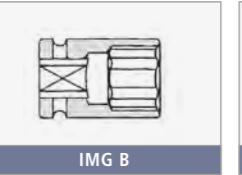
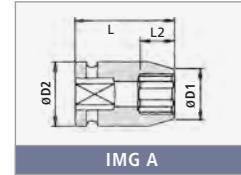
6-POINT NORMAL

6-Kant normal
6-Pans normale

Type		IMG	D1 mm	D2 mm	L mm	L2 mm
------	--	-----	-------	-------	------	-------

Metrical - Metrisch - Metriques

D05112-0-030	30	A	56	86	78	21
D05112-0-032	32	A	58	86	78	22
D05112-0-035	35	A	62	86	78	22
D05112-0-036	36	A	64	86	78	24
D05112-0-037	37	A	65	86	78	24
D05112-0-038	38	A	66	86	78	26
D05112-0-040	40	A	68	86	78	28
D05112-0-041	41	A	70	86	80	28
D05112-0-045	45	A	75	86	84	30
D05112-0-046	46	A	76	86	84	30
D05112-0-047	47	A	77	86	84	32
D05112-0-048	48	A	79	86	84	32
D05112-0-050	50	A	81	87	87	32
D05112-0-052	52	A	83	86	87	34
D05112-0-054	54	B	86	86	90	37
D05112-0-055	55	B	86	86	90	37
D05112-0-056	56	B	86	86	92	37
D05112-0-058	58	C	92	86	92	39
D05112-0-060	60	C	93	86	92	39
D05112-0-061	61	C	95	86	95	42
D05112-0-062	62	C	96	86	95	42
D05112-0-065	65	C	97	86	95	42
D05112-0-068	68	C	104	86	100	46
D05112-0-070	70	C	105	86	100	46
D05112-0-072	72	C	108	86	108	49
D05112-0-075	75	C	110	86	108	49
D05112-0-078	78	C	115	86	115	53
D05112-0-080	80	C	116	86	115	53
D05112-0-085	85	C	125	86	118	56
D05112-0-090	90	C	130	86	123	59
D05112-0-095	95	C	137	95	123	62
D05112-0-100	100	C	140	95	130	65
D05112-0-105	105	C	150	95	130	68
D05112-0-110	110	C	156	95	135	72
D05112-0-115	115	C	160	95	140	77
D05112-0-125	125	C	175	127	140	77



□ 1½" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT DEEP

6-Kant tief
6-Pans profonde

Type		IMG	D1 mm	D2 mm	L mm	L2 mm
------	--	-----	-------	-------	------	-------

Metrical - Metrisch - Metriques

D05112-1-036	36	A	64	86	115	24
D05112-1-041	41	A	70	86	115	28
D05112-1-042	42	A	71	86	115	28
D05112-1-046	46	A	76	86	115	30
D05112-1-050	50	A	81	86	135	34
D05112-1-054	54	B	86	86	140	37
D05112-1-055	55	B	86	86	140	37
D05112-1-056	56	B	88	86	140	37
D05112-1-060	60	C	94	86	150	39
D05112-1-063	60	C	97	86	150	42
D05112-1-065	65	C	100	86	150	42
D05112-1-070	70	C	106	86	160	46
D05112-1-075	75	C	112	86	170	49
D05112-1-080	80	C	119	86	170	53
D05112-1-085	85	C	125	86	170	56
D05112-1-090	90	C	131	86	170	59
D05112-1-095	95	C	137	95	180	61
D05112-1-100	100	C	144	95	190	65
D05112-1-105	105	C	154	95	190	68
D05112-1-110	110	C	157	95	200	72
D05112-1-115	115	C	164	95	210	77
D05112-1-120	120	C	167	95	210	77
D05112-1-125	125	C	174	127	210	77

Metrical - Metrisch - Metriques

D064866019	19	K	86	105	20	-
D064866022	22	K	86	105	20	-
D064866024	24	K	86	105	20	-
D064866027	27	K	86	105	20	-
D064866030	30	K	86	105	20	-
D064866032	32	K	86	105	20	-
D064866033	33	K	86	105	20	-
D064866041	41	K	86	105	20	-
D064866046	46	K	86	105	20	-
D064866050	50	K	86	105	20	-
D064866055	55	K	86	105	20	-
D064865019	19	K	86	120	20	-
D064865022	22	K	86	120	20	-
D064865024	24	K	86	120	20	-
D064865027	27	K	86	120	20	-
D064865030	30	K	86	120	24	-
D064865032	32	K	86	120	24	-
D064865033	33	K	86	120	24	-
D064865036	36	K	86	120	28	-
D064865038	38	K	86	120	28	-
D064865041	41	K	86	120	34	-
D064865046	46	K	86	120	38	-
D064865050	50	K	86	120	38	-
D064865055	55	K	86	120	43	-

PIN AND RING

Ring und Stift
Joint torique clavette

Type	D2 mm
D01112-0-000	86
D01112-0-095	95
D01112-0-127	127

□ 2½" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT NORMAL

6-Kant normal
6-Pans normale

Type		IMG	D1 mm	D2 mm	L mm	L2 mm
------	--	-----	-------	-------	------	-------

Metrical - Metrisch - Metriques

EXTENSIONS | VERLÄNGERUNGEN | RALLONGES

EXTENSION BARS WITH PIN HOLE

Verlängerungen mit Stiftloch
Rallonges à cliquet femelle

Type	IMG	D mm	L mm	
------	-----	------	------	--

Metrical · Metrisch · Metric

D07014-0-050	1/4"	B	13	50
D07014-0-100	1/4"	B	13	100
D07014-0-150	1/4"	B	13	150
D07038-0-075	3/8"	B	19	75
D07038-0-100	3/8"	B	19	100
D07038-0-125	3/8"	B	19	125
D07038-0-150	3/8"	B	19	150
D07038-0-200	3/8"	B	19	200
D07038-0-250	3/8"	B	19	250
D07012-0-075	1/2"	B	25	75
D07012-0-100	1/2"	B	25	100
D07012-0-125	1/2"	B	25	125
D07012-0-150	1/2"	B	25	150
D07012-0-175	1/2"	B	25	175
D07012-0-200	1/2"	B	25	200
D07012-0-250	1/2"	B	25	250
D07012-0-300	1/2"	B	25	300
D07012-0-460	1/2"	B	25	460
D07012-0-610	1/2"	B	25	610
D07012-0-915	1/2"	B	25	915
D07034-0-075	3/4"	B	44	75
D07034-0-100	3/4"	B	44	100
D07034-0-125	3/4"	B	44	125
D07034-0-150	3/4"	B	44	150
D07034-0-175	3/4"	B	44	175
D07034-0-200	3/4"	B	44	200
D07034-0-250	3/4"	B	44	250
D07034-0-330	3/4"	B	44	330
D07034-0-400	3/4"	B	44	400
D07100-0-075	1"	B	54	75
D07100-0-100	1"	B	54	100
D07100-0-125	1"	B	54	125
D07100-0-150	1"	B	54	150
D07100-0-175	1"	B	54	175
D07100-0-200	1"	B	54	200
D07100-0-250	1"	B	54	250
D07100-0-300	1"	B	54	300
D07100-0-330	1"	B	54	330
D07100-0-350	1"	B	54	350
D07100-0-400	1"	B	54	400
D07112-0-125	1 1/2"	B	86	125
D07112-0-250	1 1/2"	B	86	250
D07112-0-500	1 1/2"	B	86	500
D07212-0-250	2 1/2"	B	127	250
D07212-0-500	2 1/2"	B	127	500

Pin and rings are not standard on the extension bar with pin hole.

Ring und Stift werden bei den Verlängerungen mit Stiftloch nicht mitgeliefert.

Les joints toriques clavettes ne sont pas livrés en standard avec les adaptateurs.

PLEASE ORDER SEPARATELY | BITTE SEPERAT BESTELLEN | A COMMANDER SÉPARÉMENT

EXTENSION BARS WITH STEEL BALL

Verlängerungen mit Kugelsicherung
Rallonges à cliquet bille d'acier

Type	IMG	D2 mm	L mm	
------	-----	-------	------	--

Metrical · Metrisch · Metric

D06862075	3/8"	A	19	75
D06862100	3/8"	A	19	100
D06862125	3/8"	A	19	125
D06862150	3/8"	A	19	150
D06862250	3/8"	A	19	250
D06863075	1/2"	A	25	75
D06863100	1/2"	A	25	100
D06863125	1/2"	A	25	125
D06863250	1/2"	A	25	250

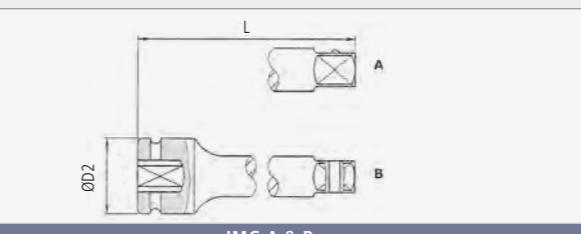
EXTENSION BARS WITH LOCK PIN RETAINER

Verlängerungen mit Sicherungsstift
Rallonges à cliquet mâle

Type	IMG	D2 mm	L mm	
------	-----	-------	------	--

Metrical · Metrisch · Metric

D064514075	3/8"	A	19	75
D064514100	3/8"	A	19	100
D064514125	3/8"	A	19	125
D064514150	3/8"	A	19	150
D064514200	3/8"	A	19	200
D064514250	3/8"	A	19	250
D064514400	3/8"	A	19	400
D064524075	1/2"	A	25	75
D064524100	1/2"	A	25	100
D064524125	1/2"	A	25	125
D064524150	1/2"	A	25	150
D064524200	1/2"	A	25	200
D064524460	1/2"	A	25	460



1

2

3

PINHOLE

Stiftloch

Rallonges à cliquet femelle

STEEL BALL RETAINER

Kugelsicherung

Rallonges à cliquet bille d'acier

LOCK PIN RETAINER

Sicherungsstift

Rallonges à cliquet male

WOBBLE EXTENSION BARS | VERLÄNGERUNG WOBBLE | RALLONGES WOBBLE

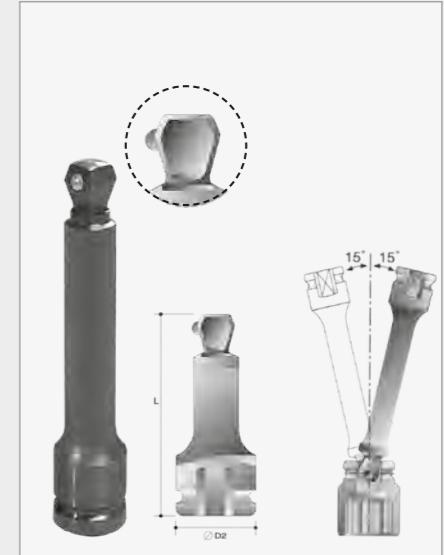
WOBBLE EXTENSION BARS

Verlängerung Wobble
Rallonges Wobble

Type	IMG	D2 mm	L mm	Type
------	-----	-------	------	------

Metrical · Metrisch · Metric

D06450F050	1/4"	1/4"	13	50	Steel Ball Retainer Kugelsicherung Cliquet femelle
D06450F075	1/4"	1/4"	13	75	Steel Ball Retainer Kugelsicherung Cliquet femelle
D06450F100	1/4"	1/4"	13	100	Steel Ball Retainer Kugelsicherung Cliquet femelle
D06451F050	3/8"	3/8"	19	50	Steel Ball Retainer Kugelsicherung Cliquet femelle
D06451F075	3/8"	3/8"	19	75	Steel Ball Retainer Kugelsicherung Cliquet femelle
D06451F100	3/8"	3/8"	19	100	Steel Ball Retainer Kugelsicherung Cliquet femelle
D06451F200	3/8"	3/8"	19	200	Steel Ball Retainer Kugelsicherung Cliquet femelle
D06452F075	1/2"	1/2"	25	75	Steel Ball Retainer Kugelsicherung Cliquet femelle
D06452F125	1/2"	1/2"	25	125	Steel Ball Retainer Kugelsicherung Cliquet femelle
D06452F150	1/2"	1/2"	25	150	Steel Ball Retainer Kugelsicherung Cliquet femelle
D06452F200	1/2"	1/2"	25	200	Steel Ball Retainer Kugelsicherung Cliquet femelle



UNIVERSAL JOINTS | KUGELGELENKE | CARDANS

UNIVERSAL JOINTS WITH STEEL BALL

Kugelgelenke mit Kugelsicherung
Cardans à cliquet mâle

Type	IMG	D2 mm	L mm
------	-----	-------	------

Metrical · Metrisch · Metric

D06781F1T

ADAPTORS | REDUZIERSTÜCKE | ADAPTATEURS

ADAPTORS WITH PIN HOLE Reduzierstücke mit Stiftloch Adaptateurs à cliquet femelle					
Type	IMG	D2 mm	L mm		
D08014-0-038	1/4"	3/8"	A	13	26
D08038-0-014	3/8"	1/4"	A	22	32
D08038-0-012	3/8"	1/2"	A	22	36
D08012-0-034	1/2"	3/4"	A	30	48
D08012-0-038	1/2"	3/8"	A	26	38
D08034-0-012	3/4"	1/2"	A	40	58
D08034-0-100	3/4"	1"	A	40	63
D08100-0-034	1"	3/4"	A	52	80
D08100-0-112	1"	1 1/2"	A	52	91
D08112-0-100	1 1/2"	1"	A	84	95
D08112-0-212	1 1/2"	2 1/2"	A	86	120
D08134-0-112	1 3/4"	1 1/2"	A	127	153
D08212-0-112	2 1/2"	1 1/2"	A	127	138

**ADAPTOR WITH STEEL BALL
Reduzierstücke mit Kugelsicherung
Adaptateurs à cliquet male**

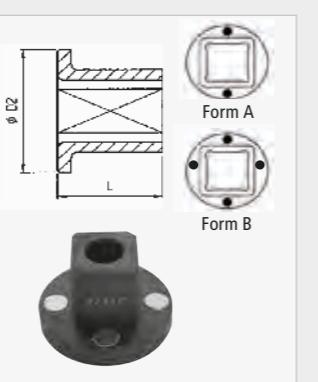
Type	IMG	D2 mm	L mm		
D064001012	1/4"	3/8"	A	13,6	26
D064011008	3/8"	1/4"	A	22	32
D06822F3T	3/8"	1/2"	A	22	36
D06823F2T	1/2"	3/8"	A	25	38
D064021024	1/2"	3/4"	A	30	48
D06815L3T	3/4"	1/2"	A	44	56
D064051024	1"	3/4"	A	54	75

MAGNETIC REDUCING ADAPTORS | MAGNETISCHE REDUZIERSTÜCKE | ADAPTATEURS MAGNÉTIQUE

Type	Form	D2 mm	L mm		
SAE · Zoll · Pouce					
D069880P12	1/4"	3/8"	A	19	17
D069880P16	1/4"	1/2"	A	25	22
D069881P16	3/8"	1/2"	A	25	22
D069881P20	1/2"	5/8"	A	35	23
D069882P24	1/2"	3/4"	A	44	30
D069884P32	3/4"	1"	B	54	35
D069885P48	1"	1 1/2"	B	86	50
D069886P80	1 1/2"	2 1/2"	B	127	59
D069888P01	2 1/2"	3 1/2"	B	176	95

The magnetic sleeve adaptors allow the temporary use of bigger impact sockets on smaller tools. By means of the magnet, chances of losing the adaptor are reduced. Especially well suited for the service kit of the travelling mechanic, doing the service to heavy equipment.

Die reduzierende Hülse ermöglicht die Verwendung größerer Kraftsteckschlüssel auf kleinerem Schlagschrauber. Der Magnet sorgt dafür, dass der Adapter den Kraftsteckschlüssel hält. Dieses Set ist ideal für die Toolbox des reisenden Servicetechnikers, bei Wartung und Reparaturen an zum Beispiel schweren Baumaschinen.



RETRING | FEDERRING | ANNEAU DE RETENUE

Typ	D2 mm	
D010032S	36,5	3/4"
D018708S	44,5	3/4"
D018715S	53,9	3/4" & 1"
D010008S	44,5	1"
D010021S	76,2	1 1/2"
D010025S	85,7	1 1/2"

STEP 1
Place Socket Retainer over square driver. Place socket on square driver aligning retention holes. Hold center pin of Retainer between thumb and index finger, and insert it through retention holes.

Setzen Sie den Federring über den Antriebsviersack. Setzen Sie die Kraftstecknuss in Richtung der Haltelöcher. Halten Sie den Mittelpin des Federrings zwischen Daumen und Zeigefinger und stecken ihn durch das Halteleoch.

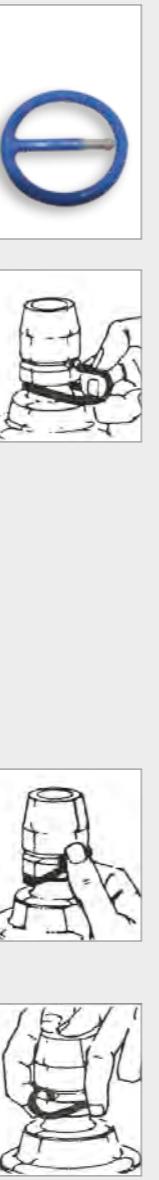
Placez l'anneau de retenue sur le carré d'entraînement. Mettez la douille sur le carré en alignant les trous de retenue.

STEP 2
Push center pin of Socket Retainer all the way in.
Stecken Sie den Mittelpin ganz durch.

Prenez la tige de retenue entre le pouce et l'index et entrez la au travers des trous.

STEP 3
Pull O-ring of Socket Retainer up into groove Socket.
Ziehen Sie den O-Ring des Federrings hoch in die Nut des Kraftsteckschlüssels.

Tirer le joint torique maintenant à l'endroit désiré.


QUICK-CHANGE ADAPTORS | SCHNELLWECHSELHALTER | ADAPTATEURS À CHANGEMENT RAPIDE

QUICK-CHANGE ADAPTORS
Schnellwechselhalter
Adaptateurs à changement rapide

Type	IMG	D2 mm	L mm
SAE · Zoll · Pouce			
D069110C08	A	1/4"	1/4"
D069111C12	A	3/8"	3/8"
D069111C16	A	3/8"	1/2"
D069112C12	A	1/2"	3/8"
D069112C16	A	1/2"	1/2"
D069114C16	A	3/4"	1/2"
D069114C24	A	3/4"	3/4"
D069115C24	A	1"	3/4"
D069115C32	A	1"	1"
D069115C64	A	1"	3/4"

BITHOLDER
Schnellwechselhalter
Adaptateurs à changement rapide

Type	IMG	D2 mm	L mm	Bit-shape
SAE · Zoll · Pouce				
D069121B08	C	3/8"	1/4"	19
D069122B08	C	1/2"	1/4"	25

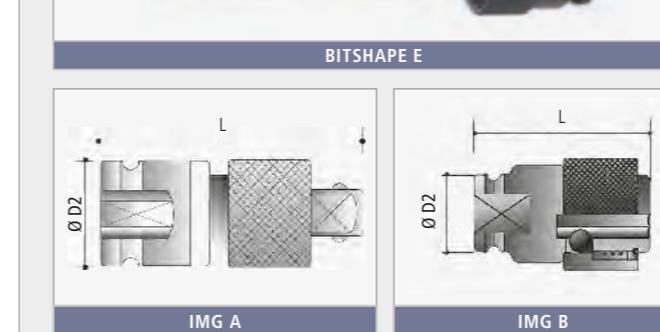
IMPACT BIT HOLDER
Adapter Antriebs-4K auf Bithalter (6K)
Mandrins à chocs

Type	IMG	D1 mm	D2 mm	L mm	Bit-shape
SAE · Zoll · Pouce					
D069121008	D	3/8"	1/4"	12,5	19
D069121010	D	3/8"	5/16"	14	19
D069121016	D	3/8"	1/2"	19	19
D069122008	D	1/2"	1/4"	12,5	25
D069122010	D	1/2"	5/16"	15,5	25
D069122016	D	1/2"	1/2"	20	25

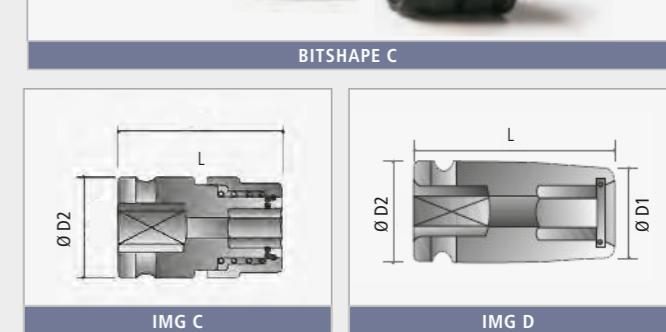
BITHOLDER
Schnellwechselhalter
Adaptateurs à changement rapide

Type	IMG	D2 mm	L mm	Bit-shape
SAE · Zoll · Pouce				
D069111A14	B	3/8"	7/16"	22
D069112A14	B	1/2"	7/16"	25

BITSHAPE E



BITSHAPE C



QUICK-CHANGE ADAPTORS | SCHNELLWECHSELHALTER | ADAPTATEURS À CHANGEMENT RAPIDE

Type	IMG	Size Gewinde Taille	L2 mm	L mm
Hex Drivers - 7/16"				
D0697RG606	A	6	6	60
D0697RG608	A	8	8	60
D0697RG610	A	10	10	60
D0697RG612	A	12	10	60
D0697RG614	A	14	10	60
D0697RG617	A	17	10	60

Type	IMG	Size Gewinde Taille	L2 mm	L mm
Internal Torx Bits - 7/16" DRIVE *				
D0697LG130	C	T30	3,8	60
D0697LG140	C	T40	3,8	60
D0697LG145	C	T45	4,3	60
D0697LG150	C	T50	5	60
D0697LG155	C	T55	5,5	60
D0697LG160	C	T60	8	60

* Also available as set D0691121301, see page 50
* Auch erhältlich als Set D0691121301, siehe Seite 50
* Également disponible en set D0691121301, voir page 50

SLEEVE DRIVE SOCKETS

SPINDELGEFÜHRTE STECKSCHLÜSSEL | DOUILLES GUIDÉES

SLEEVE DRIVE SOCKETS

Sleeve Drive Sockets have been developed by Action at the request of Yokota to improve the quality of a joint tightened with impulse wrenches.

Sleeve Drive Sockets minimize play between socket and tool thus reducing "wobble" and stabilizing the torque setting. The use of Sleeve Drive Sockets is not only of benefit to the actual joint but also reduces vibration to the tool and operator, and reduces noise levels and tool wear.

⚠ CAUTION

Always wear safety goggles when using impact equipment.
Do not hold the socket while in use.

SPINDELGEFÜHRTE

KRAFTSTECKSCHLÜSSEL

Steckschlüssel mit Spindelführung wurden auf Wunsch von Yokota durch Action entwickelt, um die Qualität der Schraubverbindung mit Impulschraubern zu verbessern.

Spindelgeführte Steckschlüssel haben ein minimales Spiel zwischen Steckschlüssel und Antriebsspindel. Dadurch wird das "Wackeln" reduziert und die Drehmomentverluste werden geringer. Der Einsatz von spindelgeführten Steckschlüsseln bietet nicht nur Vorteile für den Schraubfall, sondern vermindert auch den Geräuschpegel und Verschleiß sowie die Vibration der Maschine für den Anwender.

⚠ VORSICHT

Tragen Sie immer eine Sicherheitsbrille bei der Verwendung von Kraftsteckwerkzeug und -geräten. Halten Sie keinen Kraftsteckschlüssel fest, wenn die Maschine in Betrieb ist.

DOUILLES GUIDÉES (SLEEVE DRIVE)

Les douilles Sleeve Drive ont été développées par Action à la demande de Yokota pour améliorer la qualité d'un assemblage vissé avec des visseuses à impulsions. **Les douilles Sleeve Drive minimise le jeu entre la douille et la visseuse réduisant ainsi l'oscillation et stabilisant le couple réglé.** L'utilisation des douilles Sleeve Drive améliore la qualité d'assemblage et réduit aussi la vibration dans la visseuse et dans la main de l'opérateur. On note également une réduction du bruit et de l'usure de l'outil. Des douilles usées sont la cause de perte de puissance, usure du carré d'entraînement de l'outil et augmentation des vibrations et bruits pour l'opérateur. Remplacer vos douilles usées à temps.

⚠ ATTENTION

Toujours porter des lunettes de sécurité en utilisant des outils à chocs. Ne pas tenir la douille pendant l'utilisation.

SLEEVE DRIVE SOCKETS | SPINDELGEFÜHRTE STECKSCHLÜSSEL | DOUILLES GUIDÉES



3/8" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT NORMAL 1

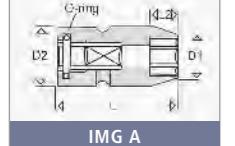
6-Kant normal
6-Pans normale

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Métriques					
DO60910006	6	A	11	19	43
DO60910007	7	A	12	19	43
DO60910008	8	A	13	19	43
DO60910009	9	A	15	19	43
DO60910010	10	A	16	19	43
DO60910011	11	A	17,5	19	43
DO60910012	12	B	19	19	43
DO60910013	13	A	20	22	43
DO60910014	14	A	21	22	43
DO60910015	15	B	22	22	43
DO60910016	16	C	24	22	43
DO60910017	17	C	25	22	43
DO60910018	18	C	26	22	43
DO60910019	19	C	27,5	22	43
DO60910021	21	C	30	22	43

6-POINT NORMAL MAGNETIC 1

6-Kant normal magnetisch
6-Pans normale magnétique

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Métriques					
DO6091A006	6	A	11	19	43
DO6091A007	7	A	12	19	43
DO6091A008	8	A	13	19	43
DO6091A009	9	A	15	19	43
DO6091A010	10	A	16	19	43
DO6091A011	11	A	17,5	19	43
DO6091A012	12	B	18,5	19	43
DO6091A013	13	A	20	22	43
DO6091A014	14	A	21	22	43
DO6091A015	15	B	22	22	43
DO6091A016	16	C	24	22	43
DO6091A017	17	C	25	22	43
DO6091A018	18	C	26	22	43
DO6091A019	19	C	27	22	43
DO6091A020	20	C	28	22	43
DO6091A021	21	C	30	22	43
DO6091A022	22	C	31	22	50
DO6091A023	23	C	32	22	50
DO6091A024	24	C	34	22	50
DO6091A025	25	C	35	22	50
DO6091A026	26	C	36	22	50
DO6091A027	27	C	38	22	50



SLEEVE DRIVE SOCKETS | SPINDELGEFÜHRTE STECKSCHLÜSSEL | DOUILLES GUIDÉES



3/8" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT LONG 2

6-Kant lang
6-Pans longue

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Métriques					

DO60913006	6	D	10,5	22	100	4
DO60913008	8	D	12,5	22	100	8
DO60913010	10	D	15	22	100	8
DO60913012	12	D	18	22	100	9
DO60913013	13	D	19	22	100	9
DO60913014	14	D	20	22	100	9
DO60913015	15	D	21	22	100	11
DO60913016	16	D	22,5	22	100	11
DO60913017	17	D	24	22	100	11
DO60914006	6	D	10,5	22	150	4
DO60914008	8	D	12,5	22	150	8
DO60914010	10	D	15	22	150	8
DO60914012	12	D	18	22	150	9
DO60914013	13	D	19	22	150	9
DO60914014	14	D	20	22	150	9
DO60914015	15	D	21	22	150	11
DO60914016	16	D	22,5	22	150	11
DO60914017	17	D	24	22	150	11
DO60915006	6	D	10,5	22	200	4
DO60915008	8	D	12,5	22	200	8
DO60915010	10	D	15	22	200	8
DO60915012	12	D	18	22	200	9
DO60915013	13	D	19	22	200	9
DO60915014	14	D	20	22	200	9
DO60915015	15	D	21	22	200	11
DO60915016	16	D	22,5	22	200	11
DO60915017	17	D	24	22	200	11
DO60915019	19	D	27	22	200	11

6-POINT LONG MAGNETIC 3

6-Kant lang magnetisch
6-Pans longue magnétique

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Métriques					

DO6091P006	6	D	11	19	100	3
DO6091P007	7	D	12	19	100	3
DO6091P008	8	D	13	19	100	4
DO6091P009	9	D	15	19	100	4
DO6091P010	10	D	16	19	100	4
DO6091P011	11	D	17,5	19	100	5
DO6091P012	12	D	18,5	19	100	5
DO6091P013	13	D	20	22	100	6
DO6091P014	14	D	21	22	100	6
DO6091P015	15	D	22	22	100	7
DO6091P016	16	D	24	22	100	7
DO6091P017	17	D	25	22	100	7
DO6091P008	8	D	13	19	150	4
DO6091P010	10	D	16	19	150	4
DO6091P011	11	D	17,5	19	150	5
DO6091P012	12	D	18,5	19	150	5

..... ►

6-POINT LONG MAGNETIC (CONTINUED) 1

6-Kant lang magnetisch
6-Pans longue magnétique

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical - Metrisch - Métriques					

DO6091R013	13	D	20	22	150	6

</

SLEEVE DRIVE SOCKETS | SPINDELGEFÜHRTE STECKSCHLÜSSEL | DOUILLES GUIDÉES



1/2" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT NORMAL

6-Kant normal
6-Pans normale

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical					
DO60920012	12	A	20	25	52
DO60920013	13	A	21	25	52
DO60920014	14	A	22,5	25	52
DO60920015	15	A	23,7	30	52
DO60920016	16	A	25	30	52
DO60920017	17	A	26	30	52
DO60920018	18	A	27,5	30	52
DO60920019	19	A	28,7	30	52
DO60920021	21	B	30	30	52
DO60920022	22	C	32	30	52
DO60920023	23	C	32	30	52
DO60920024	24	C	35	30	52
DO60920025	25	C	36	30	57
DO60920027	27	C	39	30	57
DO60920030	30	C	42	30	62
DO60920032	32	C	44	30	62

6-POINT LONG

6-Kant lang
6-Pans longue

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Metric					
DO60923010	10	D	17	25	100
DO60923012	12	D	19,5	25	100
DO60923013	13	D	20,5	25	100
DO60923014	14	D	21,5	25	100
DO60923015	15	D	22,5	25	100
DO60923017	17	D	25	25	100
DO60923019	19	D	28	25	100
DO60924010	10	D	17	25	150
DO60924012	12	D	19,5	25	150
DO60924013	13	D	20,5	25	150
DO60924014	14	D	21,5	25	150
DO60924015	15	D	22,5	25	150
DO60924017	17	D	25	25	150
DO60924019	19	D	28	25	150

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Metric					
DO60925010	10	D	17	25	200
DO60925012	12	D	19,5	25	200
DO60925013	13	D	20,5	25	200
DO60925014	14	D	21,5	25	200
DO60925015	15	D	22,5	25	200
DO60925017	17	D	25	25	200
DO60925019	19	D	28	25	200

6-POINT LONG MAGNETIC

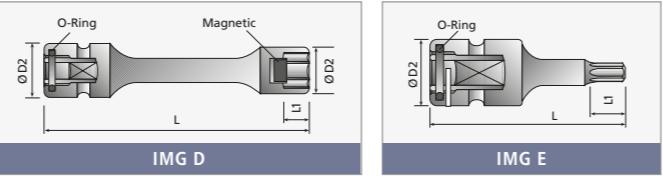
6-Kant lang magnetisch
6-Pans longue magnétique

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
------	-----	-------	-------	------	-------

Metrical · Metrisch · Metric					
DO6092P010	10	D	17,5	25	100
DO6092P011	11	D	18,5	25	100
DO6092P012	12	D	20	25	100
DO6092P013	13	D	21	25	100
DO6092P014	14	D	22,5	25	100
DO6092P015	15	D	23,5	30	100
DO6092P016	16	D	25	30	100
DO6092P017	17	D	26	30	100
DO6092P018	18	D	27,5	30	100
DO6092P019	19	D	28,5	30	100

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Metric					
DO6092R010	10	D	17,5	25	150
DO6092R011	11	D	18,5	25	150
DO6092R012	12	D	20	25	150
DO6092R013	13	D	21	25	150
DO6092R014	14	D	22,5	25	150
DO6092R015	15	D	23,5	30	150
DO6092R016	16	D	25	30	150
DO6092R017	17	D	26	30	150
DO6092R018	18	D	27,5	30	150
DO6092R019	19	D	28,5	30	150

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
Metrical · Metrisch · Metric					
DO6092T010	10	D	17,5	25	200
DO6092T011	11	D	18,5	25	200
DO6092T012	12	D	20	25	200
DO6092T013	13	D	21	25	200
DO6092T014	14	D	22,5	25	200
DO6092T015	15	D	23,5	30	200
DO6092T016	16	D	25	30	200
DO6092T017	17	D	26	30	200
DO6092T018	18	D	27,5	30	200
DO6092T019	19	D	28,5	30	200



SLEEVE DRIVE SOCKETS | SPINDELGEFÜHRTE STECKSCHLÜSSEL | DOUILLES GUIDÉES



1/2" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT NORMAL MAGNETIC

6-Kant normal magnetisch
6-Pans normale magnétique

Type	IMG	D1 mm	D2 mm	L mm	L2 mm
------	-----	-------	-------	------	-------

Metrical · Metrisch · Metric					
DO6092A006	6	A	13	25	52
DO6092A007	7	A	14	25	52
DO6092A008	8	A	15	25	52
DO6092A009	9	A	16	25	52
DO6092A010	10	A	17,5	25	52
DO6092A011	11	A	18,5	25	52
DO6092A012	12	A	20	25	52
DO6092A013	13	A	21	25	52
DO6092A014	14	A	22,5	25	52
DO6092A015	15	A	23,5	30	52
DO6092A016	16	A	25	30	

SLEEVE DRIVE SOCKETS | SPINDELGEFÜHRTE STECKSCHLÜSSEL | DOUILLES GUIDEES



3/4" DRIVE | ANTRIEB | CARRÉ D'ENTRAÎNEMENT

6-POINT NORMAL

6-Kant normal
6-Pans normale

Type	IMG	D1 mm	D2 mm	L mm	L2 mm	-
------	-----	-------	-------	------	-------	---

Metrical - Metrisch - Metriques

DO60940017	17	A	31	44	65	12
DO60940018	18	A	32	44	65	12
DO60940019	19	A	33	44	65	14
DO60940021	21	A	35	44	65	16
DO60940022	22	A	37	44	65	16
DO60940023	23	A	38	44	65	16
DO60940024	24	A	39	44	65	16
DO60940026	26	A	41	44	65	16
DO60940027	27	A	43	44	65	16
DO60940028	28	B	44	44	68	20
DO60940029	29	C	45	44	68	20
DO60940030	30	C	47	44	68	20
DO60940032	32	C	49	44	70	20
DO60940033	33	C	51	44	70	20
DO60940034	34	C	52	44	70	20
DO60940035	35	C	53	44	70	20
DO60940036	36	C	54	44	70	20
DO60940038	38	C	57	44	72	22
DO60940041	41	C	60	44	72	22
DO60940046	46	C	67	54	77	23
DO60940050	50	C	71	54	77	23

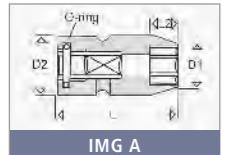
6-POINT MAGNETIC

6-Kant magnetisch
6-Pans magnétique

Type	IMG	D1 mm	D2 mm	L mm	L2 mm	-
------	-----	-------	-------	------	-------	---

Metrical - Metrisch - Metriques

DO6094A013	13	A	24,5	44	65	12
DO6094A014	14	A	25,5	44	65	12
DO6094A015	15	A	27	44	65	12
DO6094A016	16	A	28	44	65	12
DO6094A017	17	A	30	44	65	12
DO6094A018	18	A	31	44	65	12
DO6094A019	19	A	32	44	65	14
DO6094A020	20	A	34	44	68	14
DO6094A021	21	A	35	44	68	16
DO6094A022	22	A	37	44	68	16
DO6094A023	23	A	38	44	68	16
DO6094A024	24	A	39	44	68	16
DO6094A025	25	A	41	44	69	16
DO6094A026	26	A	42	44	69	16
DO6094A027	27	A	43	44	69	16



IMG A

IMG B

IMG C

SLEEVE DRIVE SOCKETS | SPINDELGEFÜHRTE STECKSCHLÜSSEL | DOUILLES GUIDEES



ADAPTORS | VERBINDUNGSTEILE | ADAPTEURS

QUICKCHANGE ADAPTORS

Spindel geführte Schnellwechselhalter
Adaptateurs à changement rapide, douille guidée

Type	IMG	D1 mm	D2 mm	L mm	-
------	-----	-------	-------	------	---

Metrical - Metrisch - Metriques

DO69151112	3/8"	3/8"	19	75	-
DO69151212	3/8"	3/8"	19	100	-
DO69151116	3/8"	1/2"	20	80	-
DO69152112	1/2"	3/8"	25	75	-
DO69152216	1/2"	1/2"	25	100	-
DO69154116	3/4"	1/2"	44	90	-
DO69154324	3/4"	3/4"	44	125	-

BITHOLDERS

Spindel geführte Bithalter
Douilles guidées adaptateurs embout

Type	IMG	D1 mm	D2 mm	L mm	-
------	-----	-------	-------	------	---

Metrical - Metrisch - Metriques

DO69111E08	3/8"	1/4"	22	52	-
DO69111E14*	3/8"	7/16"	22	62	-
DO69112E08	1/2"	1/4"	25	60	-
DO69112E14*	1/2"	7/16"	25	70	-
DO69114E14*	3/4"	7/16"	44	80	-

* For Drive bits 7/16" see page 40

ACTION SLEEVE DRIVE POWER SOCKETS GUARANTEE REDUCED VIBRATION!

Action spindel geführte Kraftsteckschlüssel: reduzierte Vibration!

Action douilles guidées: réduction de la vibration

Action sleeve drive power sockets are supported with an O-ring on the axle of the impulse wrench, giving a tighter fit on the tool.

Action spindel geführte Kraftsteck-schlüssel vermeiden das "Wackeln" vom Kraftsteckschlüssel auf den Antriebsviersant durch Unterstützung eines Stützringes auf der Antriebs-spindel.

Les douilles Sleeve Drive Prises de courant action manchon en voiture sont pris en charge avec un joint torique sur l'axe de la clé de l'impulsion, ce qui donne un ajustement serré sur l'outil.

SLEEVE DRIVE POWER SOCKETS GUARANTEE:

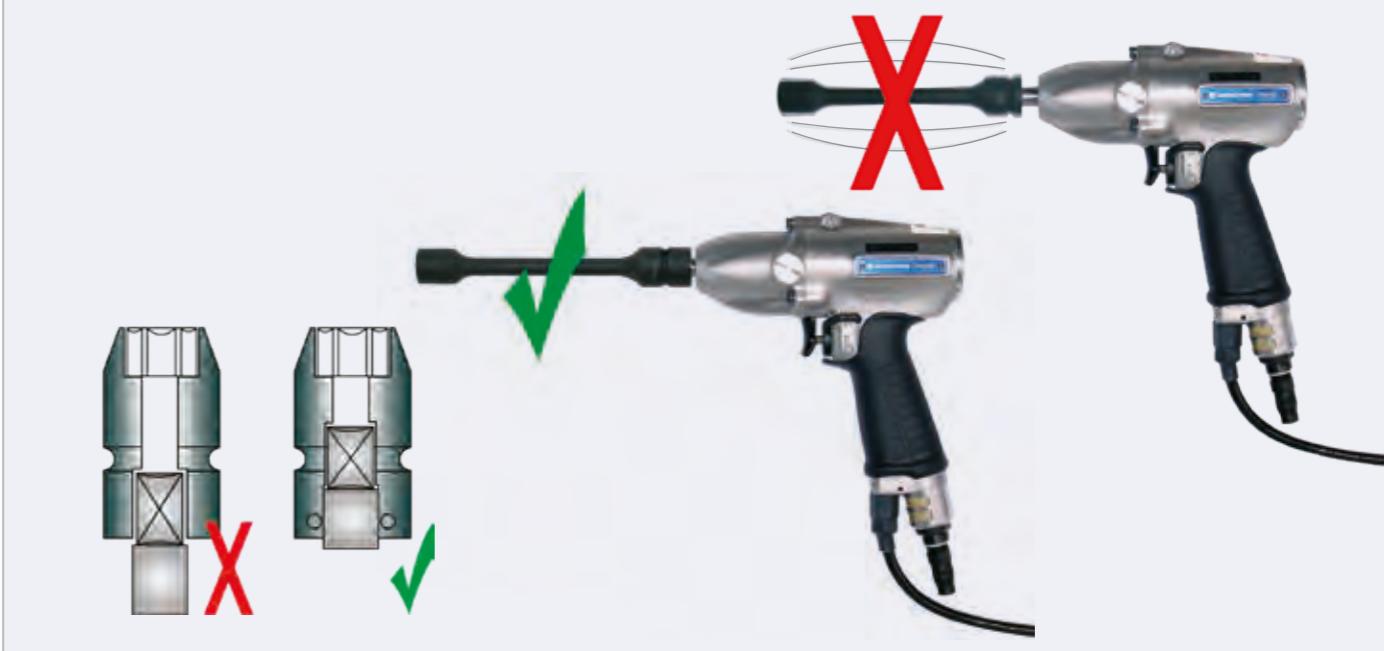
- Torque improvement
- Reduced vibration
- Reduced noise level
- Reduced wear

SPINDELGEFÜHRTE STECKSCHLÜSSEL GARANTIE:

- Verbesserung des Drehmoments
- reduzierte Vibration
- reduzierten Geräuschpegel
- reduzierten Verschleiß

LES DOUILLES SLEEVE DRIVE GARANTIE:

- Amélioration du couple
- Réduction des vibrations
- Niveau de bruit réduit
- Usure réduite



IMPACT SOCKET SETS

SETS STECKSCHLÜSSEL | JEUX DE DOUILLES À CHOC

	DO605121301	IMPACT SOCKET SET	SET STECKSCHLÜSSEL	JEUX DE DOUILLES
3/8"		CONTENT: 13 Impact sockets, 6 point, deep 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	INHALT: 13 Kraftsteckschlüssel, 6-Kant, tief 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	COMPREND: 13 Douilles 6-pans, profonde 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm
3/8"		CONTENT: 13 Impact sockets, 6 point, thin wall 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	INHALT: 13 Kraftsteckschlüssel, 6-Kant, dünnwandig 9 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 mm	COMPREND: 13 Douilles, 6-pans, paroi mince 9 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 mm
1/2"		CONTENT: 10 Impact sockets, 6 point, normal sizes 9 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 mm	INHALT: 10 Kraftsteckschlüssel, 6-Kant, normale Ausführung 9 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 mm	COMPREND: 10 Douilles, 6-pans, normales 9 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 mm
1/2"		CONTENT: 9 Hex Head power sockets 4 - 5 - 6 - 8 - 10 - 12 - 14 - 17 - 19 mm	INHALT: 9 Inbuskraftsteckschlüssel 4 - 5 - 6 - 8 - 10 - 12 - 14 - 17 - 19 mm	COMPREND: 9 Douilles 6 pans 4 - 5 - 6 - 8 - 10 - 12 - 14 - 17 - 19 mm
1/2"		CONTENT: 1 pc. 1/2" Square Drive, 7/16" Hex Quick Releasing Chuck. 6 pcs 11 mm-7/16" Hex Internal Torx bits: T30-T40-T45-T50-T55-T60 6 pcs 11 mm - 7/16" Hex Hexagon Driver: 6-8-10-12-14-17 mm	INHALT: 1 Stück 1/2" Schnellwechsler 7/16" Sechskant 6 Stück 7/16" 6-Kant intern Torx Bits: T30-T40-T45-T50-T55-T60 6 Stück 7/16" 6-Kant-inbus-Bits: 6-8-10-12-14-17 mm	COMPREND: 1 piece adaptateur rapide 1/2" carré d'entraînement - 7/16" Hexagonale 6 pieces embout 7/16" Hex Internal Torx: T30-T40-T45-T50-T55-T60 6 pieces embout 7/16" Hex Inbus: 6-8-10-12-14-17 mm

IMPACT SOCKET SETS

SETS STECKSCHLÜSSEL | DOUILLES GUIDÉES

	DO605222601	IMPACT SOCKET SET	SET STECKSCHLÜSSEL	JEUX DE DOUILLES
1/2"		CONTENT: 26 Impact Sockets, 6 point, deep 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 - 33 - 34 - 35 - 36 mm	INHALT: 26 Kraftsteckschlüssel, 6-Kant, tief 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 - 33 - 34 - 35 - 36 mm	COMPREND: 26 Douilles 6-pans, profonde 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 - 33 - 34 - 35 - 36 mm
1/2"		CONTENT: 26 Impact sockets, 6 point 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 - 33 - 34 - 35 - 36 mm	INHALT: 26 Kraftsteckschlüssel, 6-Kant 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 - 33 - 34 - 35 - 36 mm	COMPREND: 26 Douilles 6-pans 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 - 33 - 34 - 35 - 36 mm
1/2"		CONTENT: 10 Impact sockets, 6 point, deep 10 - 11 - 13 - 14 - 17 - 19 - 21 - 22 - 24 - 27 mm	INHALT: 10 Kraftsteckschlüssel, 6-Kant, tief 10 - 11 - 13 - 14 - 17 - 19 - 21 - 22 - 24 - 27 mm	COMPREND: 10 Douilles, 6-pans, profonde 10 - 11 - 13 - 14 - 17 - 19 - 21 - 22 - 24 - 27 mm
1/2"		CONTENT: 7 pcs 1/2" dr., impact triple square driver set M5 - M6 - M8 - M10 - M12 - M14 - M16	INHALT: 7 Kraftsteckschlüssel, XZN Bit M5 - M6 - M8 - M10 - M12 - M14 - M16	COMPREND: 7 Douilles, triple carré embout M5 - M6 - M8 - M10 - M12 - M14 - M16

IMPACT SOCKET SETS

SETS STECKSCHLÜSSEL | JEUX DE DOUILLES À CHOC

1/2"	DO61120310		WHEEL NUT IMPACT SOCKET SET EXTRA LONG (130 MM)	SET RADMUTTER-KRAFTSTECKSCHLÜSSEL EXTRA LANG (130 mm)	JEU DE DOUILLES POUR BOULON DE ROUE LEXTRA LONGUES (130 MM)
			CONTENT: 3 Impact sockets with plastic stop and sleeve blue 17 mm - yellow 19 mm red 21 mm ALSO AVAILABLE AS SINGLE SOCKETS SEE PAGE 20	INHALT: 3 Kraftsteckschlüssel mit Kunsstoff Anschlag & Hülse blau 17 mm - gelb 19 mm rot 21 mm RADMUTTERKRAFTSTECKSCHLÜSSEL SIND AUCH EINZELN LIEFERBAR s.S. 20	COMPREND: 3 Douilles avec butée et manchon plastique bleu 17 mm - jaune 19 mm rouge 21 mm DOUILLES IMPACT AUSSI DISPONIBLE EN PRISES SIMPLES VOIR P. 20

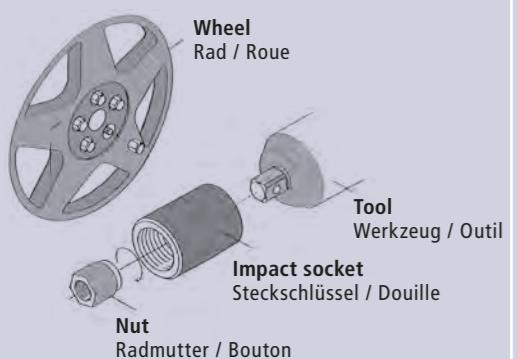
1/2"	DO611260501		WHEEL NUT IMPACT SOCKET SET LONG (85 MM)	SET RADMUTTER-KRAFTSTECKSCHLÜSSEL LANG (85 mm)	JEU DE DOUILLES POUR BOULON DE ROUE LANG (85 MM)
			CONTENT: 5 impact sockets with plastic stop and sleeve white 15 mm - blue 17 mm - yellow 19 mm - red 21 mm - green 22 mm ALSO AVAILABLE AS SINGLE SOCKETS SEE PAGE 20	INHALT: 5 Kraftsteckschlüssel mit Kunsstoff Anschlag & Hülse weiß 15 mm - blau 17 mm - gelb 19 mm - rot 21 mm - grün 22 mm RADMUTTERKRAFTSTECKSCHLÜSSEL SIND AUCH EINZELN LIEFERBAR s.S. 20	COMPREND: 3 Douilles avec butée et manchon plastique blanc 15 mm - bleu 17 mm - jaune 19 mm - rouge 21 mm - vert 22 mm DOUILLES IMPACT AUSSI DISPONIBLE EN PRISES SIMPLES VOIR P. 20

1/2"	DO0012-0-286		SPECIAL SOCKET SET FOR WHEEL LUG NUT REMOVER	SET STECKSCHLÜSSEL FÜR RADMUTTERSCHLOSS	JEU DE DOUILLES SPECIALES POUR BLOCAGE DE BOULON DE ROUE
			CONTENT: 7 pcs of Lug nut remover sockets 17 - 18,5 - 20 - 21,5 - 23 - 24,5 - 26 mm	INHALT: 7 Kraftsteckschlüssel normale Ausführung 17 - 18,5 - 20 - 21,5 - 23 - 24,5 - 26 mm	COMPREND: 7 Douilles à choc normales 17 - 18,5 - 20 - 21,5 - 23 - 24,5 - 26 mm

APPLICATION WHEEL LUG NUT REMOVERS SOCKETS

Anwendung der Radmutterkraftsteckschlüssel

Application douilles pour dépose de boulons de roues

	Wheel Rad / Roue Tool Werkzeug / Outil Impact socket Steckschlüssel / Douille Nut Radmutter / Bouton	For removal of wheel lock nuts when special key is lost or not supplied upon service and for removal of the wheel nut when hexagon is damaged.	Die Verwendung der Radmutter-schlüsselferners ist nur dann erforderlich, wenn der PKW-Fahrer zum Reifendienst geht und den Originalschlüssel vergessen hat. Um doch das Schloss entfernen zu können, werden diese Nüsse verwendet. Beim Aufstecken des Radmutter-schlüsselferners beachte man, dass dieser mindestens 3 Gewindegänge tief im Schloss steckt, damit er genug fassen kann.	Pour enlever les boulons anti-vol lorsque la douille spéciale est perdue ou non fournie et pour enlever les boulons lorsque la tête hexagonale est endommagée.
---	---	---	---	---

IMPACT SOCKET SETS

SETS STECKSCHLÜSSEL | JEUX DE DOUILLES À CHOC

3/4"	DO605401001		IMPACT SOCKET SETS	SET STECKSCHLÜSSEL	JEUX DE DOUILLES
			CONTENT: 10 Impact sockets, normal sizes 21 - 22 - 24 - 27 - 30 - 32 - 33 - 36 - 41 - 46 mm	INHALT: 10 Kraftsteckschlüssel, normale Ausführung 21 - 22 - 24 - 27 - 30 - 32 - 33 - 36 - 41 - 46 mm	COMPREND: 10 Douilles, normales 21 - 22 - 24 - 27 - 30 - 32 - 33 - 36 - 41 - 46 mm

3/4"	DO605421001		IMPACT SOCKET SETS	SET STECKSCHLÜSSEL	JEUX DE DOUILLES
			CONTENT: 10 Impact Sockets, 6-Point, deep 21 - 22 - 24 - 27 - 30 - 32 - 33 - 36 - 41 - 46 mm	INHALT: 10 Kraftsteckschlüssel, 6-Kant, tief 21 - 22 - 24 - 27 - 30 - 32 - 33 - 36 - 41 - 46 mm	COMPREND: 10 Douilles 6-pans profonde 21 - 22 - 24 - 27 - 30 - 32 - 33 - 36 - 41 - 46 mm

1"	DO0100-1-007		IMPACT SOCKET SET	SET STECKSCHLÜSSEL	JEUX DE DOUILLES
			CONTENT: 7 Impact sockets, 6-Point, deep 24 - 27 - 30 - 32 - 33 - 36 - 41 mm	INHALT: 7 Kraftsteckschlüssel, 6-Kant, tief 24 - 27 - 30 - 32 - 33 - 36 - 41 mm	COMPREND: 7 Douilles 6-pans profonde 24 - 27 - 30 - 32 - 33 - 36 - 41 mm

DO698800401		IMPACT SOCKET SET MAGNETIC REDUCERS	SET MAGNETISCHE KRATNÜSSE MIT HÜLSEN	ADAPTEURS MAGNÉTIQUE POUR DES DOUILLES À CHOCS
		CONTENT: 4 pcs. Magnetic sleeve insert adaptors 1/4" female x 3/8" male 3/8" female x 1/2" male 1/2" female x 3/4" male 3/4" female x 1" male	INHALT: 4 teilerig Set magnetische reduzierende Verbindungs-teile für Kraftsteckschlüssel 1/4" weiblich x 3/8" männlich 3/8" weiblich x 1/2" männlich 1/2" weiblich x 3/4" männlich 3/4" weiblich x 1" männlich	COMPREND: Jeu de 4 adaptateurs magnétique pour des douilles à chocs 1/4" femelle x 3/8" mâle 3/8" femelle x 1/2" mâle 1/2" femelle x 3/4" mâle 3/4" femelle x 1" mâle

TORQUE SOCKETS & SPECIALS

TORSIONSKRAFTSTECKSCHLÜSSEL | BARRES LIMITEUR DE COUPLE

1/2"
+ 1"

TORQUE SOCKETS | TORSIONSKRAFTSTECKSCHLÜSSEL | BARRES LIMITEUR DE COUPLE



Type 1/2"	A/F mm	Nm	Length Lange Longuer	Colour Farbe Couleur
DO68122D17	17	75	220	green grun vert
DO68122L17	17	110	220	red rot rouge
DO68122G19	19	90	220	yellow gelb jaune
DO68122L19	19	110	220	blue blau bleu
DO68122M19	19	135	220	grey grau gris
DO68122E21	21	80	220	black schwarz noir
DO68122L21	21	110	220	brown braun brun

Type 1"	A/F mm	Nm	Length Lange Longuer
D068552U23	23	250	305
D068552W24	24	350	305
D068552W27	27	350	305
D068552Z27	27	450	305
D068552Y29	29	400	305
D068552B30	30	550	305
D068552C30	30	600	305
D068552A32	32	500	305
D068552C32	32	600	305
D068552F32	32	700	305
D068552A33	33	500	305
D068552C33	33	600	305
D068552C36	36	600	305

DO6112P017

SPECIAL

WHEEL NUT SOCKET FOR SPECIAL MERCEDES WHEEL BOLTS (1/2" X 17 mm)
Radmutternuss für Radmuttern von Mercedes (1/2" x 17 mm)
Boulon de roue Mercedes (1/2" x 17 mm)



Includes rotating plastic sleeve and stop for protecting light alloy wheels.

The Special Impact Socket is suitable for:
Mercedes C-Class / GLK (W204),
E-Class (W211, W212, W207),
SLK (W172), M-Class (W164,
W166), CL-Class (W216),
S-Class (W221, W222) and
Maybach

Inklusive drehbarer Kunststoffhülse und -anschlag für den Schutz von Leichtmetallrädern.

Diese Sondernuss ist entwickelt für Mercedes C-Klasse / GLK (W204), E-Klasse (W211, W212, W207), SLK (W172), M-Klasse (W164, W166), CL-Klasse (W216), S-Klasse (W221, W222) und Maybach.

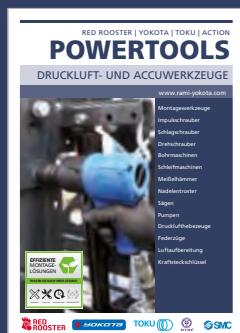
Inclus une gaine en plastique pivotante de guidage et d'arrêt pour la protection des jantes en alliage.

Cette douille à choc est spécifique pour les modèles suivants:
Mercedes C-Class/GLK (W204), classe E (W211, W212 W207), SLK (W172), M-Class (W164, W166), CL-klasse (W216), S-klasse (W221, L222) et Maybach.



ACTION

OTHER BROCHURES OF RAMI YOKOTA BV



POWERTOOLS

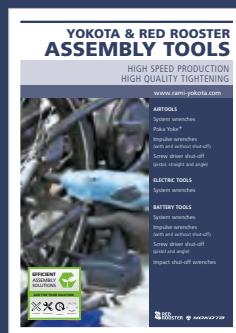
PRODUCT RANGE TOKU, YOKOTA,
RED ROOSTER, ACTION & SMC

Content:

Impact wrenches, Impulse wrenches, Ratchet wrenches, Impact sockets, Screwdrivers, Drills, Grinders & sanders, Hammers, Needlescalers, Saws, Pumps, Air chain hoists, Spring balancers, Air treatment equipment.

AVAILABLE

ENGLISH | GERMAN | FRENCH | DUTCH | POLISH



YOKOTA & RED ROOSTER ASSEMBLY TOOLS

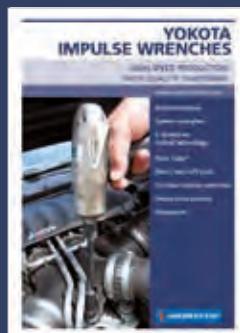
HIGH SPEED PRODUCTION
HIGH QUALITY TIGHTENING

Content:

Shut-off screwdrivers & Impulse wrenches (shut-off and non shut-off models), Cordless shut-off screwdrivers & Cordless shut-off impulse wrenches, Sleeve drive sockets & Accessories.

AVAILABLE

ENGLISH | GERMAN



YOKOTA IMPULSE WRENCHES

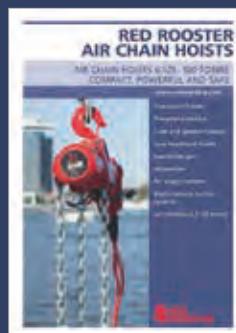
IMPULSE WRENCHES FOR HIGH SPEED
PRODUCTION AND HIGH QUALITY TIGHTENING

Content:

Impulse wrenches, Impulse wrenches with and without shut-off, Cordless impulse wrenches, Poka Yoke®, System wrenches, Electric system wrenches, Battery system wrenches, Sleeve drive sockets

AVAILABLE

ENGLISH | FRENCH | GERMAN



RED ROOSTER AIR CHAIN HOISTS

AIR CHAIN HOISTS 125 KG - 100 TONNES

Content:

Air Chain Hoists 0,125 /100 tonnes, Compact hoists, Mini hoists, Air chain hoists, Trolleys, Explosion proof, Accessories.

AVAILABLE

ENGLISH | FRENCH | GERMAN | SPANISH