



SLEEVE-DRIVE SOCKETS
SLEEVE-DRIVE STECKSCHLÜSSEL
DOUILLES, SLEEVE DRIVE

3/8"

1/2"

3/4"

Sleeve-Drive Sockets
 Sleeve-Drive Steckschlüssel
 Douilles, Sleeve Drive

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



The deepened drive end of the **Sleeve-Drive** tools prevents the sometimes "wobbly" connection between pulse tool - extension - socket. An O-ring inside **Sleeve-Drive** optimizes the perfect fit of extension bars and sockets on the anvil to the effect, that the exactness of the required torque given by the pulse tool is generally improved. Further, the **Sleeve-Drive** avoids the direct transmission of vibrations on the pulse tool and finally on the operator.

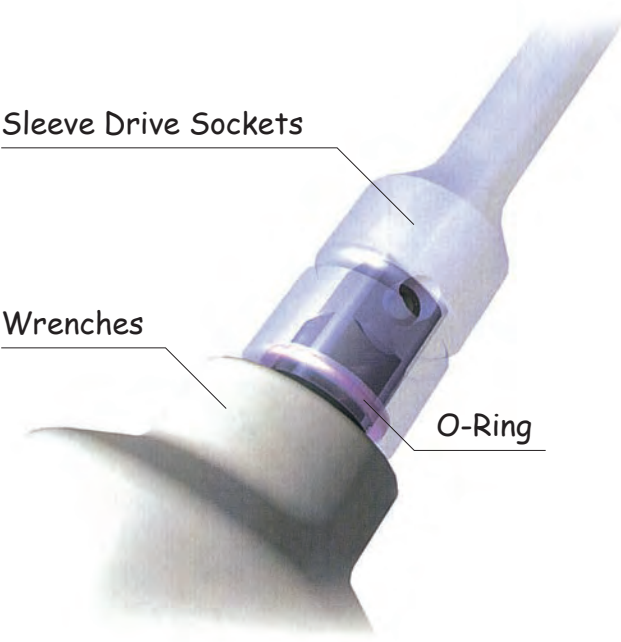
Der **Sleeve-Drive** Vierkant-Antrieb vermeidet durch die vertiefte Passung den "Wackelkontakt" zwischen Maschine - Verlängerung - Steckschlüssel. Ein im **Antriebsende der Sleeve-Drive-Steckschlüssel** eingesetzter Ring optimiert den festen Sitz der Verlängerungen und Steckschlüssel auf der Schrauberspindel und sorgt somit für die unmittelbare Weitergabe des vorgegebenen Drehmomentes ohne wesentliche Drehkraftverluste. Nicht zuletzt vermeidet der **Sleeve-Drive** Antrieb die Übertragung von Schwingungen auf Mensch und Maschine.

Ces nouveaux outils **Sleeve-Drive** se caractérisent par un entraînement carré allongé et un joint torique incorporé. Le guidage rigide ainsi obtenu maintient les outils **Sleeve-Drive** dans l'axe de la broche de la machine et garantit une connection optimale machine-rallonges-douilles. Le jeu latéral et les vibrations engendrés par les outils traditionnels sont de ce fait supprimés. Il en résulte une transmission plus précise du coupe de serrage et un plus grand confort de travail pour l'opérateur.

Sleeve Drive Sockets

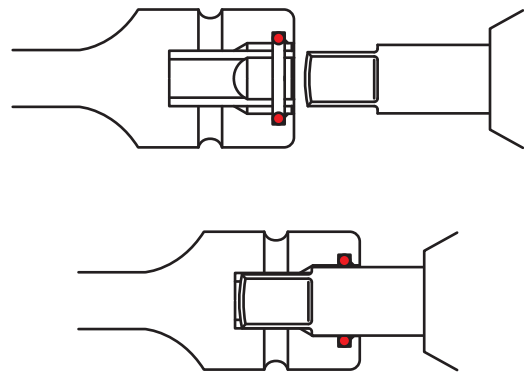
Wrenches

O-Ring



SLEEVE DRIVE SOCKET

PULSE TOOL

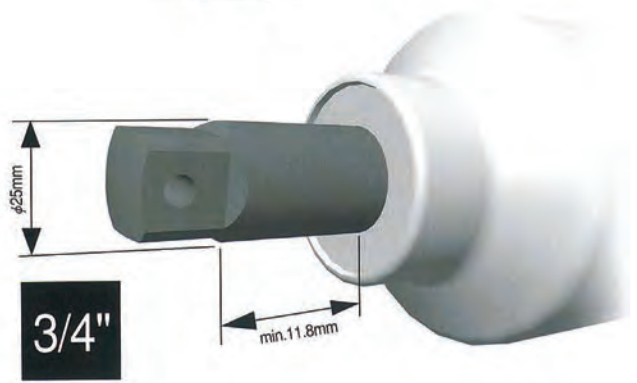
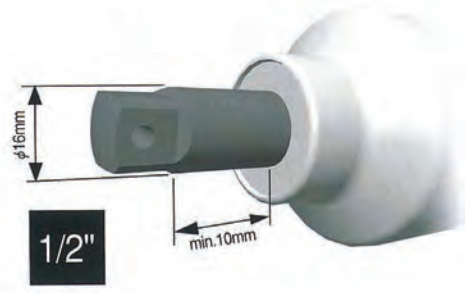
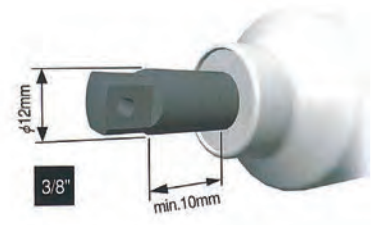


The "**Sleeve Drive**" Sockets and accessories are designed for use on Pulse Tools with anvils of certain lengths and diameters as shown hereunder.

Die serienmässigen "**Sleeve Drive**" Steckschlüssel können nur auf Impuls Schraubern mit Antriebswellen der nachstehenden Längen und Durchmesser gesteckt werden.

Les douilles "**Sleeve Drive**" ne peuvent être placées que sur des axes des boulonneuses à impulsions d'une longueur et d'un diamètre selon la spécification ci-dessous.

	Anvil Diameter (mm)	Minimum Anvil Length (mm)
3/8"sq.	12	10
1/2"sq.	16	10
3/4"sq.	25	11.8



3/8"

Sleeve-Drive Sockets
Sleeve-Drive Steckschlüssel
Douilles, Sleeve Drive

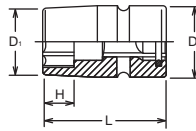
NV13400 (mm)	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	13.3	19	6	43	53	10	*1
10	15.8	19	7	43	53	10	*1
11	17	19	8	43	54	10	*1
12	18.3	19	9	43	55	10	*1
13	19.5	22	10	43	80	10	*2
14	20.8	22	10	43	80	10	*2
15	22	22	11	43	81	10	*2
16	23.3	22	11	43	83	10	*2
17	24.5	22	11	43	85	10	*2
18	25.8	22	11	43	89	10	*2
19	27	22	11	43	98	10	*2
21	29.5	22	11	43	105	10	*2
22	30.8	22	11	43	112	10	*2

*1 C-Ring=C31, Pin/O-Ring=A31/B31
*2 C-Ring=C32, Pin/O-Ring=A32/B32
→ P268-269

NV13400



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



NV13145-100 (mm)	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
6	13	19	6	100	108	5	*1
8	13	19	8	100	110	5	*1
10	15.5	19	10	100	112	5	*1
12	18	19	12	100	120	5	*1
13	19	19	13	100	127	5	*1
14	21	19	14	100	131	5	*1
15	22	19	15	100	133	5	*1
16	24	19	15	100	144	5	*1
17	25	19	15	100	154	5	*1

NV13145-150 (mm)	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
6	13	19	6	150	160	5	*1
8	13	19	8	150	160	5	*1
10	15.5	19	10	150	165	5	*1
12	18	19	12	150	168	5	*1
13	19	19	13	150	170	5	*1
14	21	19	14	150	175	5	*1
15	22	19	15	150	177	5	*1
16	24	19	15	150	190	5	*1
17	25	19	15	150	203	5	*1

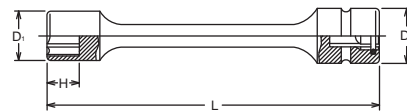
NV13145-200 (mm)	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
6	13	19	6	200	210	5	*1
8	13	19	8	200	210	5	*1
10	15.5	19	10	200	212	5	*1
12	18	19	12	200	214	5	*1
13	19	19	13	200	218	5	*1
14	21	19	14	200	220	5	*1
15	22	19	15	200	226	5	*1
16	24	19	15	200	235	5	*1
17	25	19	15	200	250	5	*1

*1 C-Ring=C31, Pin/O-Ring=A31/B31
→ P268-269

NV13145-100 / -150 / -200



Extended Sockets
Schaftsteckschlüssel
Douilles rallongées

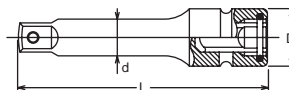


	D (mm)	d (mm)	L (mm)	(g)	(pcs.)	
NV13760-75P	19	12	75	95	10	*1
NV13760-125P	19	12	125	125	5	*1
NV13760-150P	19	12	150	150	5	*1
NV13760-250P	19	12	250	255	5	*1

*1 C-Ring=C31, Pin/O-Ring=A31/B31
→ P268-269

NV13760-P

Extension Bars
Verlängerungen
Rallonges

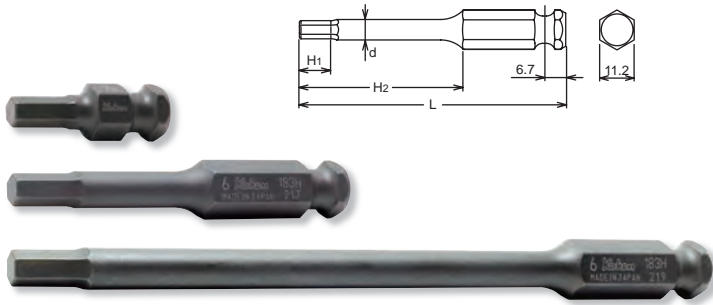


Z-SERIES
HAND
TITANIUM
ACCESSORIES
SCREWDRIVERS
IMPACT
SLEEVE-DRIVE
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CONSTRUCTION MOTORCYCLE
SPARE PART

183H-35 / -75 / -150

Hex Bits
Sechskant Bits
Embouts, 6 pans creux



183H-35 (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
3	6	18	35	15	10
4	8	18	35	15	10
5	10	18	35	15	10
6	12	18	35	18	10
7	12	18	35	19	10
8	12	18	35	20	10
9	14.8	18	35	23	10
10	15.6	18	35	26	10
11	17.1	18	35	28	10
12	-	18	35	30	10
14	-	18	35	35	10
16	-	18	35	47	10
17	-	18	35	50	10
18	-	18	35	53	10
19	-	18	35	56	10

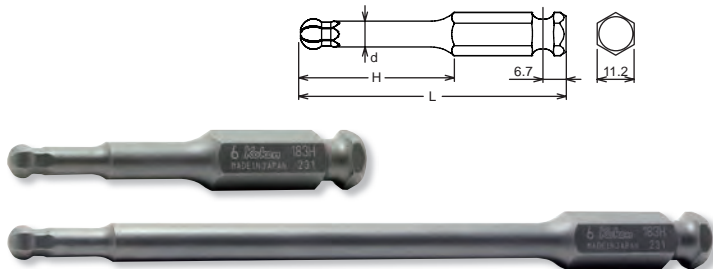
183H-35 (inch)	H ₁ (mm)	H ₂ (mm)	L (mm)	(g)	(pcs.)
3/16	10	18	35	15	10
7/32	12	18	35	16	10
1/4	12	18	35	18	10
5/16	12	18	35	20	10
3/8	15.2	18	35	26	10
7/16	-	18	35	28	10
1/2	-	18	35	38	10

183H-75 (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	d (mm)	(g)	(pcs.)
3	8	42.5	75	6	34	10
4	8	42.5	75	6	35	10
5	10	42.5	75	6.5	36	10
6	12	42.5	75	7.5	39	10
7	12	42.5	75	8.5	44	10
8	12	42.5	75	9.5	47	10
10	15.5	42.5	75	-	57	10
11	15.5	42.5	75	-	60	10
12	-	42.5	75	-	65	10
14	-	42.5	75	-	79	10

183H-150 (mm)	H ₁ (mm)	H ₂ (mm)	L (mm)	d (mm)	(g)	(pcs.)
4	8	117.5	150	6	51	10
5	10	117.5	150	6.5	55	10
6	12	117.5	150	7.5	65	10
8	12	117.5	150	9.5	87	10
10	15.5	117.5	150	-	118	10
12	-	117.5	150	-	136	10

183H-75B / -150B

Ball-point Hex Bits
Sechskant Bits mit Kugelkopf
Embouts hexagonaux à tête sphérique

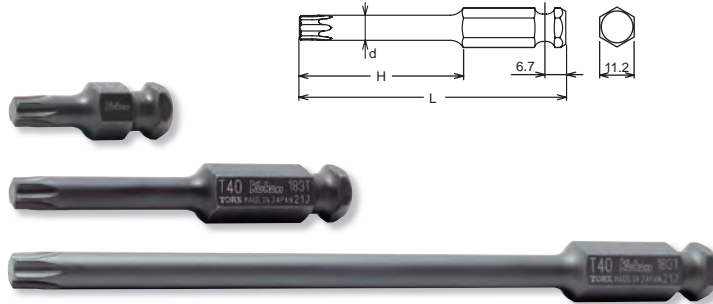


183H-75B (mm)	H (mm)	L (mm)	d (mm)	(g)	(pcs.)
6B	42.5	75	5.7	39	10
8B	42.5	75	7.7	44	10
10B	42.5	75	9.7	49	10
12B	42.5	75	11.7	72	10

183H-150B (mm)	H (mm)	L (mm)	d (mm)	(g)	(pcs.)
6B	117.5	150	5.7	65	10
8B	117.5	150	7.7	71	10
10B	117.5	150	9.7	92	10
12B	117.5	150	11.7	135	10

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

TORX® Bits
TORX® Bits
Embouts, TORX®



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

183T-75 (T)	H (mm)	L (mm)	d (mm)	(g)	(pcs.)
T25	42.5	75	6	33	10
T27	42.5	75	6	33	10
T30	42.5	75	6	35	10
T40	42.5	75	6.9	37	10
T45	42.5	75	8	41	10
T50	42.5	75	9	45	10
T55	42.5	75	11.4	55	10
T60	42.5	75	13.5	67	10

183T-150 (T)	H (mm)	L (mm)	d (mm)	(g)	(pcs.)
T30	117.5	150	6	50	10
T40	117.5	150	6.9	58	10
T45	117.5	150	8	70	10
T50	117.5	150	9	82	10
T55	117.5	150	11.4	113	10
T60	117.5	150	13.5	148	10

⚠ The items with ⚠ have larger output sizes than 7/16" Input drive.
Due to this design the maximum output torque rating is less than standard.

Die mit ⚠ gekennzeichneten Artikel haben größere Abtriebsgrößen als der 7/16" Antrieb.
Aufgrund dieser Konstruktion ist das maximale Abtriebsdrehmoment geringer als der Standardwert.

Les articles marqués d'un ⚠ ont des tailles de sortie plus importantes que l'entraînement d'entrée 7/16".
En raison de cette conception, le couple de sortie maximum est inférieur au couple standard.

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TORX® ist ein registriertes Markenzeichen der Firma CAMCAR Innovations®.
TORX® est une marque déposée de CAMCAR Innovations®.

3/8", 1/2"

Sleeve-Drive Sockets
Sleeve-Drive Steckschlüssel
Douilles, Sleeve Drive

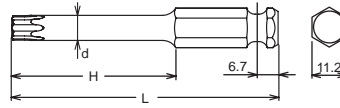
183T-35 (IP)	H (mm)	L (mm)	(g)	(pcs.)
30IP	18	35	18	10
40IP	18	35	20	10
45IP	18	35	22	10
50IP	18	35	26	10
55IP	18	35	30	10
60IP	18	35	38	10

183T-75 (IP)	H (mm)	L (mm)	d (mm)	(g)	(pcs.)
30IP	42.5	75	6	35	10
40IP	42.5	75	6.8	37	10
45IP	42.5	75	8	41	10
50IP	42.5	75	9	45	10
55IP	42.5	75	11.4	56	10
60IP	42.5	75	13.5	67	10

183T-35 / -75 (IP)

TORXplus

TORXPLUS® Bits
TORXPLUS® Bits
Embout TORXPLUS®



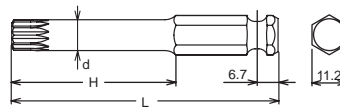
183X-35 (XZN)	H (mm)	L (mm)	(g)	(pcs.)
M 4	18	35	18	10
M 5	18	35	18	10
M 6	18	35	20	10
M 8	18	35	22	10
M10	18	35	26	10
M12	18	35	30	10
M14	18	35	38	10

183X-75 (XZN)	H (mm)	L (mm)	d (mm)	(g)	(pcs.)
M 4	42.5	75	6	34	10
M 5	42.5	75	6	34	10
M 6	42.5	75	6.2	36	10
M 8	42.5	75	7.4	39	10
M10	42.5	75	9.8	54	10
M12	42.5	75	11.7	57	10
M14	42.5	75	13.5	67	10

183X-150 (XZN)	H (mm)	L (mm)	d (mm)	(g)	(pcs.)
M 5	117.5	150	6	50	10
M 6	117.5	150	6.2	53	10
M 8	117.5	150	7.4	64	10
M10	117.5	150	9.8	93	10
M12	117.5	150	11.7	121	10
M14	117.5	150	13.5	151	10

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

XZN Bits
XZN Bits
Embout, XZN



The items with have larger output sizes than 7/16" Input drive.
Due to this design the maximum output torque rating is less than standard.

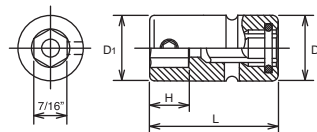
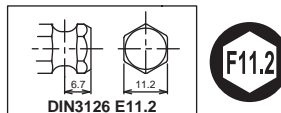
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Aufgrund dieser Konstruktion ist das maximale Abtriebsdrehmoment geringer als der Standardwert.

Les articles marqués d'un ont des tailles de sortie plus importantes que l'entraînement d'entrée 7/16".
En raison de cette conception, le couple de sortie maximum est inférieur au couple standard.

	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
NV13134	24	22	15	45	100	5	*1

*1 C-Ring=C31, Pin/O-Ring=A31/B31 → P268-269

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



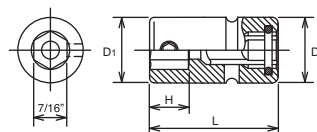
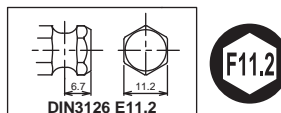
16134-SC

Replacement Screw : M8x6 ● 4mm

	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
NV14134	24	25	15	55	130	5	*1

*1 C-Ring=C41, Pin/O-Ring=A41/B41 → P268-269

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



16134-SC

Replacement Screw : M8x6 ● 4mm

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Sleeve-Drive Sockets

Sleeve-Drive Steckschlüssel

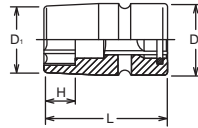
Douilles, Sleeve Drive

1/2"

Z-SERIES
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NV14400

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

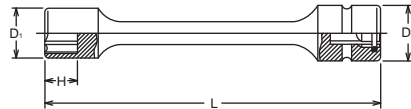


NV14400 (mm)	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	17	25	7	52	120	10	*1
12	19.5	25	9	54	120	10	*1
13	20.7	25	10	54	120	10	*1
14	22	25	10	54	120	10	*1
15	23.2	30	11	54	188	10	*2
16	24.5	30	11	54	189	10	*2
17	25.7	30	12	54	190	10	*2
18	27	30	12	54	190	10	*2
19	28.2	30	12	54	190	10	*2
21	30.7	30	12	54	191	10	*2
22	32	30	12	54	192	10	*2
23	33.2	30	12	54	196	10	*2
24	34.5	30	12	54	200	10	*2

*1 C-Ring=C41, Pin/O-Ring=A41/B41
*2 C-Ring=C42, Pin/O-Ring=A42/B42 → P268-269

NV14145-100 / -150 / -200

Extended Sockets
Schaftsteckschlüssel
Douilles rallongées



NV14145-100 (mm)	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pce.)	
10	15.5	25	10	100	161	1	*1
12	18	25	12	100	178	1	*1
13	19	25	13	100	175	1	*1
14	21	25	14	100	181	1	*1
15	22	25	15	100	185	1	*1
16	24	25	15	100	193	1	*1
17	25	25	15	100	201	1	*1
18	26	25	15	100	211	1	*1
19	28	25	15	100	221	1	*1

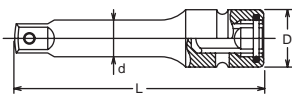
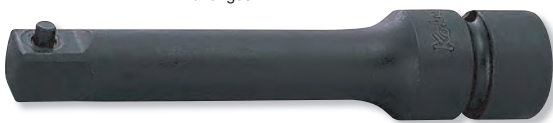
NV14145-150 (mm)	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pce.)	
10	15.5	25	10	150	200	1	*1
12	18	25	12	150	215	1	*1
13	19	25	13	150	220	1	*1
14	21	25	14	150	225	1	*1
15	22	25	15	150	230	1	*1
16	24	25	15	150	240	1	*1
17	25	25	15	150	250	1	*1
18	26	25	15	150	262	1	*1
19	28	25	15	150	275	1	*1

NV14145-200 (mm)	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pce.)	
10	15.5	25	10	200	236	1	*1
12	18	25	12	200	250	1	*1
13	19	25	13	200	260	1	*1
14	21	25	14	200	270	1	*1
15	22	25	15	200	275	1	*1
16	24	25	15	200	287	1	*1
17	25	25	15	200	300	1	*1
18	26	25	15	200	310	1	*1
19	28	25	15	200	320	1	*1

*1 C-Ring=C41, Pin/O-Ring=A41/B41 → P268-269

NV14760-P

Extension Bars
Verlängerungen
Rallonges



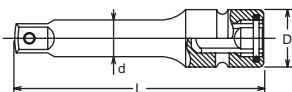
	TYPE	D (mm)	d (mm)	L (mm)	(g)	(pcs.)	
NV14760-75P	Pin	25	16	75	149	10	*1
NV14760-125P	Pin	25	16	125	226	5	*1
NV14760-175P	Pin	25	16	175	308	5	*1
NV14760-250P	Pin	25	16	250	422	1	*1

*1 C-Ring=C41, Pin/O-Ring=A41/B41 → P268-269

NV14433A-P

Adaptors
Verbindungsstücke
Réducteurs

No Warranty
Keine Garantie
Sans Garantie



NV14433A	(SQ.)	(SQ.)	D (mm)	d (mm)	L (mm)	(g)	(pcs.)	
NV14433A-75P	1/2"	3/8"	25	12	75	120	10	*1
NV14433A-100P	1/2"	3/8"	25	12	100	145	10	*1
NV14433A-150P	1/2"	3/8"	25	12	150	187	5	*1

*1 C-Ring=C41, Pin/O-Ring=A41/B41 → P268-269

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

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

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

3/4" Sleeve-Drive Sockets

Sleeve-Drive Steckschlüssel

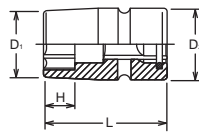
Douilles, Sleeve Drive

NV16400 (mm)	D ₁ (mm)	D ₂ (mm)	H (mm)	L (mm)	(g)	(pcs.)	⚡
17	30	44	12	65	448	5	*1
18	31.3	44	13	65	470	5	*1
19	32.5	44	13	65	455	5	*1
21	35	44	15	65	472	5	*1
22	36.3	44	16	65	471	5	*1
23	37.5	44	16	65	471	5	*1
24	38.8	44	16	65	467	5	*1
26	41.3	44	16	65	477	5	*1
27	42.5	44	16	65	473	5	*1
28	43.8	44	16	68	483	5	*1
29	45	44	18	68	464	5	*1
30	46.3	44	18	68	492	5	*1
32	48.8	44	19	70	514	5	*1
33	50	44	20	70	564	5	*1
34	51.3	44	20	70	588	5	*1
35	52.5	44	20	70	593	5	*1
36	53.8	44	20	70	598	5	*1
38	56.3	44	20	72	670	2	*1
41	60	44	22	72	687	2	*1
46	66.3	44	23	77	906	2	*1
50	69	44	23	77	1116	2	*1

*1 C-Ring=C61, Pin/O-Ring=A61/B61 → P268-269

NV16400

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



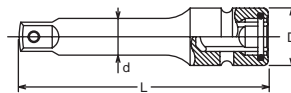
NV16760

Extension Bars
Verlängerungen
Rallonges



	D (mm)	d (mm)	L (mm)	(g)	(pcs.)	⚡
NV16760-175	44	25	175	870	1	*1
NV16760-250	44	25	250	1160	1	*1
NV16760-330	44	25	330	1460	1	*1

*1 C-Ring=C61, Pin/O-Ring=A61/B61 → P268-269



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

C-Ring Lock Clamps and Pullers
Sicherungsklemmen und Abzieher
Crochets de sécurité et extracteurs

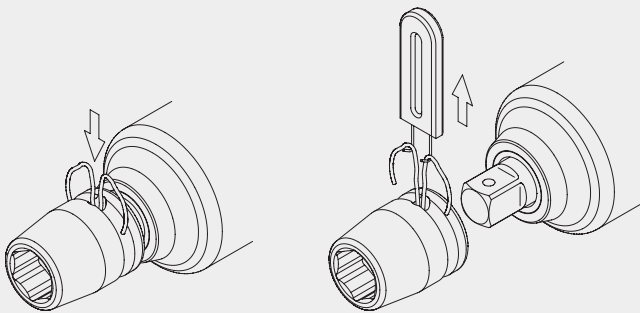
Z-SERIES
HAND
TITANIUM
ACCESSORIES
IMPACT
SLEEVE-DRIVE
PROTECTOR
INDUSTRIAL
AUTOMOTIVE
MOTORCYCLE
CONSTRUCTION
MOTORCYCLE
SPARE PART



One Piece solid springs steel ring. Simply set by finger pushing and easily removed by puller. Much more convenient and safer than combination of pin and o-ring.

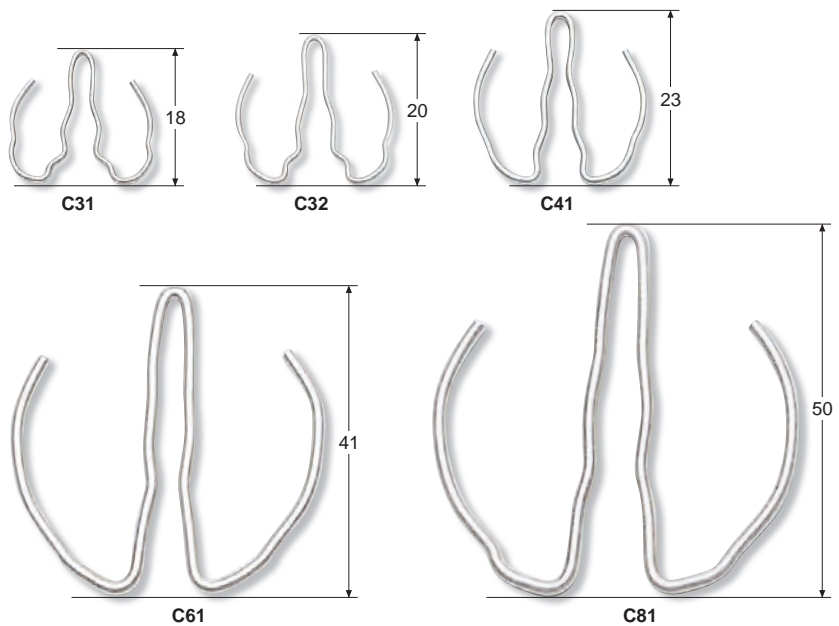
Aus starkem Federstahl, in einem Stück. Bequem, mit einem Fingerdruck einzusetzen und mit dem Auszieher zu lösen. Einfacher und sicherer als die Kombination Stift und Ring.

Acier à ressorts, en une pièce. Mise en place d'une simple pression du pouce, enlèvement au moyen de la griffe d'extraction. Beaucoup plus facile et sûr que la combinaison goupille/bague.



C-Ring

No.	□	Opening (mm)	pcs.
C31	3/8"	≤ 12	100
C32	3/8"	> 12	100
C41	1/2"	≤ 14	100
C42	1/2"	> 14	100
C61	3/4"	≤ 46	100
C81	1"	≤ 46	100
C82	1"	47-70	50
C83	1"	> 70	50
C71	1-1/2"	≤ 90	50



C-Ring Set

Set No.	□	C-Ring 10pcs.	Puller 1pce.
PKC31	3/8"	C31 + 149	
PKC32	3/8"	C32 + 149	
PKC41	1/2"	C41 + 149	
PKC42	1/2"	C42 + 149	
PKC61	3/4"	C61 + 152	
PKC81	1"	C81 + 152	

Puller

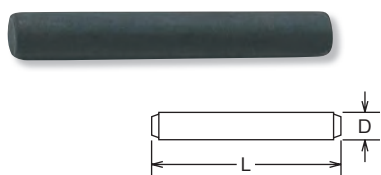
No.	□	□	pcs.
149	3/8"	1/2"	10
152	3/4"	1"	10



149

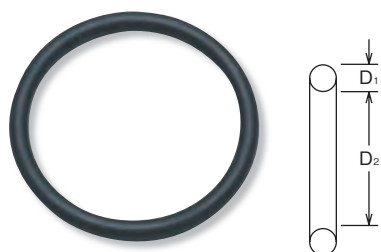


152



Pin

No.	Opening (mm)	D (mm)	L (mm)	(pcs.)
A21	1/4"	1.5	10.2	100
A31	3/8" ≤ 12	2.5	14.5	100
A32	3/8" > 12	2.5	17.5	100
A41	1/2" ≤ 14	3	20	100
A42	1/2" > 14	3	25	100
A51	5/8"	4	29	100
A61	3/4" ≤ 46	4	35	100
A62	3/4" > 46	4	45	100
A81	1" ≤ 46	5	45	100
A82	1" 47-70	5	57	50
A83	1" > 70	5	75	50
A71	1-1/2" ≤ 90	6	75	50
A72	1-1/2" > 90	6	110	1
A91	2-1/2" ≤ 115	8	110	1
A92	2-1/2" > 115	8	155	1
A01	3-1/2" ≤ 140	13	155	1
A02	3-1/2" > 140	13	180	1



O-Ring

No.	Opening (mm)	D ₁ (mm)	D ₂ (mm)	(pcs.)
B21	1/4"	2.5	9	100
B31	3/8" ≤ 12	3.5	13	100
B32	3/8" > 12	3.5	16	100
B41	1/2" ≤ 14	4	19	100
B42	1/2" > 14	4	24	100
B51	5/8"	5	28	100
B61	3/4" ≤ 46	5	36	100
B62	3/4" > 46	5	45	100
B81	1" ≤ 46	7	45	100
B82	1" 47-70	7	57	50
B83	1" > 70	7	75	50
B71	1-1/2" ≤ 90	10	75	50
B72	1-1/2" > 90	10	114	1
B91	2-1/2" ≤ 115	10.5	114	1
B92	2-1/2" > 115	10.5	158	1
B01	3-1/2" ≤ 140	15	158	1
B02	3-1/2" > 140	15	183	1



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

Pins & O Rings/C-Ring Lock Clamps
 Halteringe und Stifte/Sicherungsklemmen
 Goupilles et joncs/Crochets de sécurité

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

IMPACT Standard Sockets size	Sq. Dr.	1/4"		3/8"		1/2"		3/4"		1"			1-1/2"	
		C-Ring		C31	C32	C41	C42	C61		C81	C82	C83	C71	
		Pin/O-Ring	A21/B21	A31/B31	A32/B32	A41/B41	A42/B42	A61/B61	A62/B62	A81/B81	A82/B82	A83/B83	A71/B71	A72/B72
4		●												
4.5	3/16	●												
5		●												
5.5		●												
6	1/4	●	●			●								
7	9/32	●	●			●								
8	5/16	●	●			●								
9	11/32	●	●			●								
10	3/8	●	●			●								
11	7/16	●	●			●								
12		●	●			●								
13	1/2	●	●		●	●								
14	9/16	●	●		●	●								
15					●	●								
16	5/8				●	●								
17	11/16				●	●			●					
18					●	●			●					
19	3/4				●	●			●					
20					●	●			●					
21	13/16				●	●			●					
22	7/8				●	●			●					
23					●	●			●					
24	15/16				●	●			●					
25	1				●	●			●					
26					●	●			●					
27	1- 1/16				●	●			●					
28					●	●			●					
29	1- 1/8				●	●			●					
30	1- 3/16				●	●			●					
31					●	●			●					
32	1- 1/4				●	●			●					
33	1- 5/16				●	●			●					
34	1- 3/8				●	●			●					
36					●	●			●			●		
37	1- 7/16				●	●			●			●		
38	1- 1/2				●	●			●			●		
39					●	●			●			●		
40	1- 9/16				●	●			●			●		
41	1- 5/8				●	●			●			●		
42					●	●			●			●		
43	1- 11/16				●	●			●			●		
44					●	●			●			●		
45	1- 3/4				●	●			●			●		
46	1- 13/16				●	●			●			●		
47					●	●		●	●	●		●		
48	1- 7/8				●	●		●	●	●		●		
	1- 15/16				●	●		●	●	●		●		
50					●	●		●	●	●		●		
	2				●	●		●	●	●		●		
52	2- 1/16				●	●		●	●	●		●		
54	2- 1/8				●	●		●	●	●		●		
55	2- 3/16				●	●		●	●	●		●		
56					●	●		●	●	●		●		
	2- 1/4				●	●		●	●	●		●		
58	2- 5/16				●	●		●	●	●		●		
60	2- 3/8				●	●		●	●	●		●		
62	2- 7/16				●	●		●	●	●		●		
63					●	●		●	●	●		●		
	2- 1/2				●	●		●	●	●		●		
65	2- 9/16				●	●		●	●	●		●		
67	2- 5/8				●	●		●	●	●		●		
68	2- 11/16				●	●		●	●	●		●		
70	2- 3/4				●	●		●	●	●		●		
	2- 13/16				●	●		●	●	●		●		
	2- 7/8				●	●		●	●	●		●		
75	2- 15/16				●	●		●	●	●		●		
	3				●	●		●	●	●		●		
	3- 1/16				●	●		●	●	●		●		
80	3- 1/8				●	●		●	●	●		●		
	3- 1/4				●	●		●	●	●		●		
85					●	●		●	●	●		●		
	3- 3/8				●	●		●	●	●		●		
90	3- 1/2				●	●		●	●	●		●		
	3- 5/8				●	●		●	●	●		●		
95	3- 3/4				●	●		●	●	●		●		
100	3- 7/8				●	●		●	●	●		●	●	
105	4				●	●		●	●	●		●	●	
	4- 1/8				●	●		●	●	●		●	●	
110	4- 1/4				●	●		●	●	●		●	●	
115	4- 1/2				●	●		●	●	●		●	●	
120	4- 5/8				●	●		●	●	●		●	●	
	4- 3/4				●	●		●	●	●		●	●	
125	4- 7/8				●	●		●	●	●		●	●	
130	5				●	●		●	●	●		●	●	
135	5- 1/4				●	●		●	●	●		●	●	
140					●	●		●	●	●		●	●	
150					●	●		●	●	●		●	●	
	6				●	●		●	●	●		●	●	
	6- 1/2				●	●		●	●	●		●	●	