

SLEEVE-DRIVE SOCKETS

SLEEVE-DRIVE STECKSCHLÜSSEL

DOUILLES, SLEEVE DRIVE

3/8"

1/2"

3/4"



awb Schraubtechnik- und
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Sleeve-Drive Sockets
 Sleeve-Drive Steckschlüssel
 Douilles, Sleeve Drive

HAND

Z-SERIES

TITANIUM

ACCESSORIES

IMPACT

SLEEVE-DRIVE

PROTECTOR

INDUSTRIAL

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.

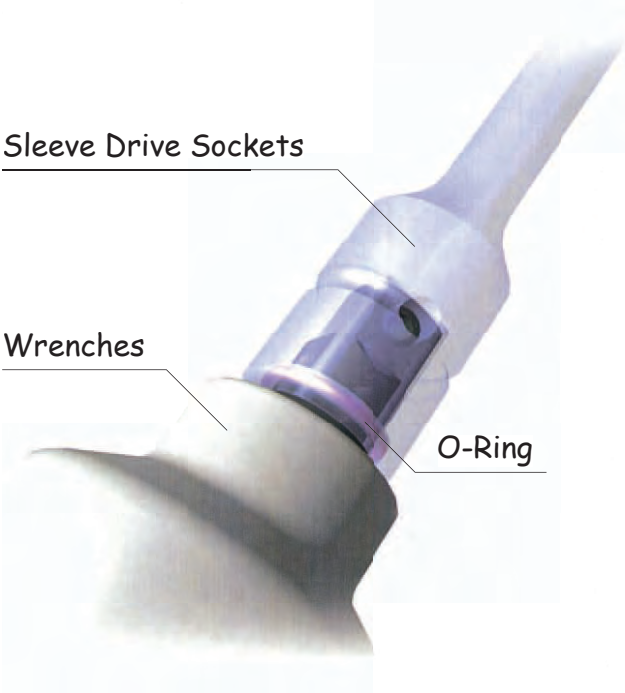
Der **Sleeve-Drive** Vierkant-Antrieb vermeidet durch die vertiefte Passung den "Wackelkontakt" zwischen Maschine - Verlängerung - Steckschlüssel. Ein im **Antriebsende der Sleeve-Drive-Steckschlüssel** eingesetzter Ring optimiert den festen Sitz der Verlängerungen und Steckschlüssel auf der Schrauberspindel 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

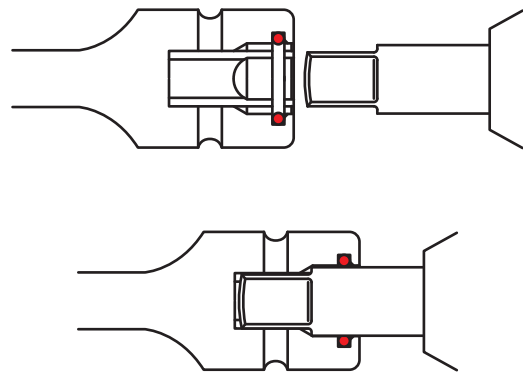
Wrenches

O-Ring



SLEEVE DRIVE SOCKET

PULSE TOOL

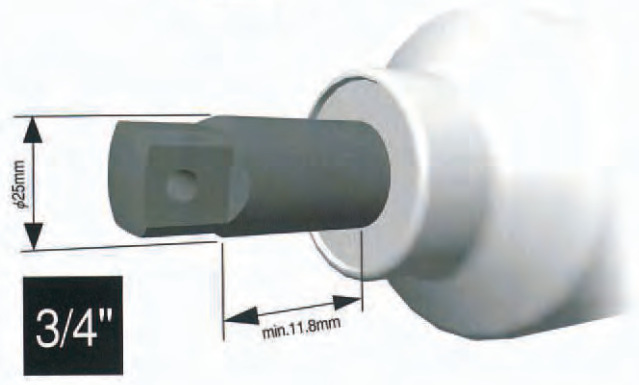
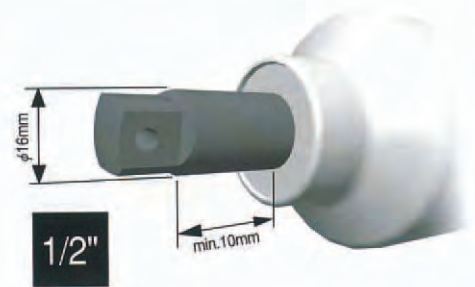
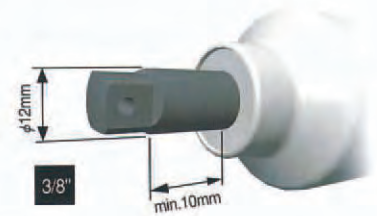


The "**Sleeve Drive**" Sockets and accessories are designed for use on Pulse Tools with anvils of certain lengths and diameters as shown hereunder.

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"

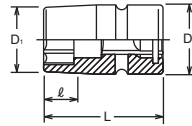
Sleeve-Drive Sockets
Sleeve-Drive Steckschlüssel
Douilles, Sleeve Drive

NV13400 (mm)	D ₁ (mm)	D ₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	⚡
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=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B → P242-243

NV13400

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



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

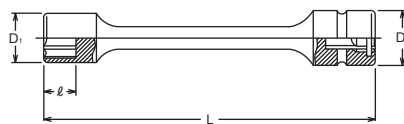
NV13145-150 (mm)	D ₁ (mm)	D ₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	⚡
6	13	19	6	150	160	10	*1
8	13	19	8	150	160	10	*1
10	15.5	19	10	150	165	10	*1
12	18	19	12	150	168	10	*1
13	19	19	13	150	170	10	*1
14	21	19	14	150	175	10	*1
15	22	19	15	150	177	10	*1
16	24	19	15	150	190	10	*1
17	25	19	15	150	203	10	*1

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

*1 C-Ring=1301C, Pin/O-Ring=1301A/B → P242-243

NV13145-100/-150/-200

Extended Sockets
Schaftsteckschlüssel
Douilles rallongées



NV13760	D (mm)	L (mm)	(g)	(pcs.)	⚡
75P	19	75	93	10	*1
125P	19	125	147	10	*1
250P	19	250	253	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B → P242-243

NV13760-75P/-125P/-250P

Extension Bars
Verlängerungen
Rallonges



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

Sleeve-Drive Sockets

Sleeve-Drive Steckschlüssel

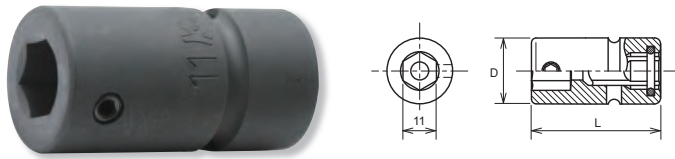
Douilles, Sleeve Drive

3/8"

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

NV13105

Bit Holder
Klingenhalter
Porte-embouts



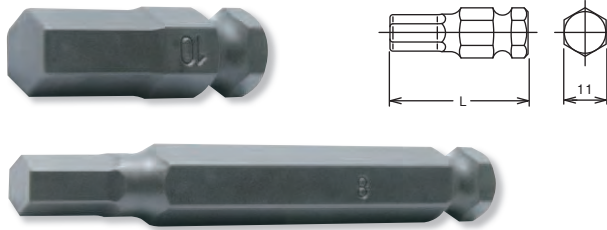
	D (mm)	L (mm)	(g)	(pcs.)	
NV13105	22	43	90	5	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B → P242-243

Replacement Screw : M5x6, ● 2.5mm
Ersatzschraube : M5x6, ● 2.5mm
Vis de remplacement : M5x6, ● 2.5mm

107-11

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux



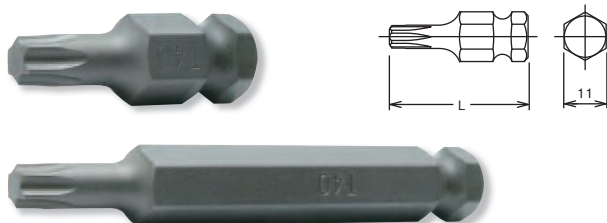
107-11 (mm)	L (mm)	(g)	(pcs.)
3	35	15	10
4	35	16	10
5	35	16	10
6	35	18	10
7	35	19	10
8	35	20	10
10	35	26	10
11	35	28	10
12	35	31	10
14	35	38	10
16	35	47	10
17	35	50	10
18	35	53	10
19	35	56	10

107-11 (inch)	L (mm)	(g)	(pcs.)
3/16	35	15	10
7/32	35	16	10
1/4	35	18	10
5/16	35	20	10
3/8	35	26	10
7/16	35	28	10
1/2	35	38	10
5/8	35	47	10
3/4	35	56	10

107-11(L80) (mm)	L (mm)	(g)	(pcs.)
4	80	54	10
5	80	54	10
6	80	56	10
7	80	57	10
8	80	59	10
10	80	64	10
11	80	66	10
12	80	76	10
14	80	98	10

107-11 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®

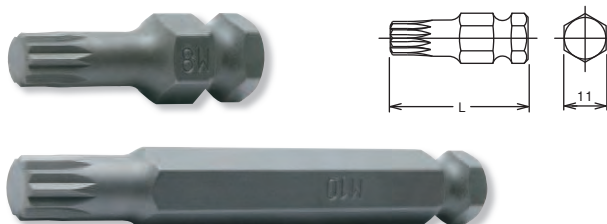


107-11 (T)	L (mm)	(g)	(pcs.)
T25	35	18	10
T30	35	18	10
T40	35	20	10
T45	35	22	10
T50	35	26	10
T55	35	31	10
T60	35	38	10

107-11(L80) (T)	L (mm)	(g)	(pcs.)
T30	80	54	10
T40	80	54	10
T45	80	56	10
T50	80	57	10
T55	80	66	10
T60	80	76	10

107-11 (XZN)

Bits XZN
Klingen XZN
Embouts de vissage, XZN



107-11 (XZN)	L (mm)	(g)	(pcs.)
M 4	35	18	10
M 5	35	20	10
M 6	35	22	10
M 8	35	26	10
M10	35	31	10
M12	35	38	10

107-11(L80) (XZN)	L (mm)	(g)	(pcs.)
M 4	80	54	10
M 5	80	54	10
M 6	80	56	10
M 8	80	57	10
M10	80	66	10
M12	80	76	10
M14	80	80	10

1/2"

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

NV14400 (mm)	D ₁ (mm)	D ₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	⚡
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=1401C, Pin/O-Ring=1401A/B → P242-243
*2 C-Ring=1402C, Pin/O-Ring=1402A/B

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

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

*1 C-Ring=1401C, Pin/O-Ring=1401A/B → P242-243

NV14760	D (mm)	L (mm)	(g)	(pcs.)	⚡
75P	25	75	149	10	*1
125P	25	125	230	10	*1
175P	25	175	308	10	*1
250P	25	250	422	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B → P242-243

NV14433A	□ (mm)	□ (mm)	L (mm)	(g)	(pcs.)	⚡
75P	1/2"	3/8"	75	120	1	*1
100P	1/2"	3/8"	100	145	1	*1
150P	1/2"	3/8"	150	187	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B → P242-243

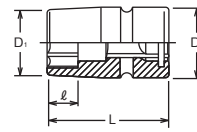
⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

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.

NV14400

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



NV14145-100/-150/-200

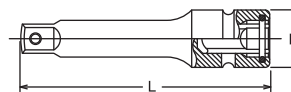
Extended Sockets
Schaftsteckschlüssel
Douilles rallongées



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

NV14760-75P/-125P/-175P/-250P

Extension Bars
Verlängerungen
Rallonges



NV14433A-75P/-100P/-150P

Adaptors
Verbindungsstücke
Réducteurs

No Warranty
Keine Garantie
Sans Garantie



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

Sleeve-Drive Sockets

Sleeve-Drive Steckschlüssel

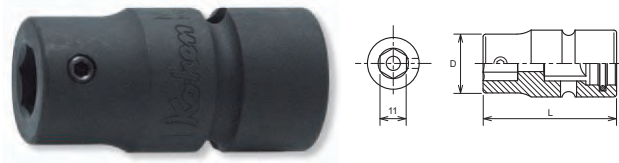
Douilles, Sleeve Drive

1/2"

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

NV14105

Bit Holder
Klingenhalter
Porte-embouts



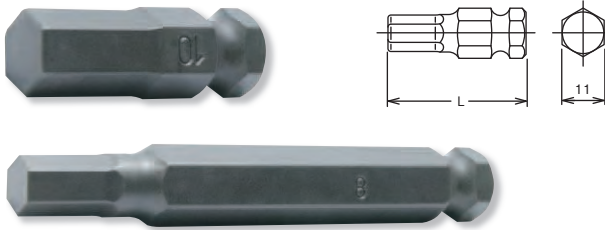
	D (mm)	L (mm)	(g)	(pcs.)	
NV14105	22	43	115	5	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B → P242-243

Replacement Screw : M5x6, ● 2.5mm
Ersatzschraube : M5x6, ● 2.5mm
Vis de remplacement : M5x6, ● 2.5mm

107-11

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux



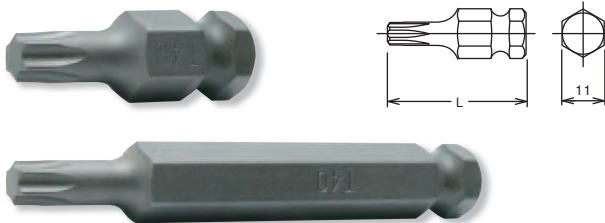
107-11 (mm)	L (mm)	(g)	(pcs.)
3	35	15	10
4	35	16	10
5	35	16	10
6	35	18	10
7	35	19	10
8	35	20	10
10	35	26	10
11	35	28	10
12	35	31	10
14	35	38	10
16	35	47	10
17	35	50	10
18	35	53	10
19	35	56	10

107-11 (inch)	L (mm)	(g)	(pcs.)
3/16	35	15	10
7/32	35	16	10
1/4	35	18	10
5/16	35	20	10
3/8	35	26	10
7/16	35	28	10
1/2	35	38	10
5/8	35	47	10
3/4	35	56	10

107-11 (L80) (mm)	L (mm)	(g)	(pcs.)
4	80	54	10
5	80	54	10
6	80	56	10
7	80	57	10
8	80	59	10
10	80	64	10
11	80	66	10
12	80	76	10
14	80	98	10

107-11 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®

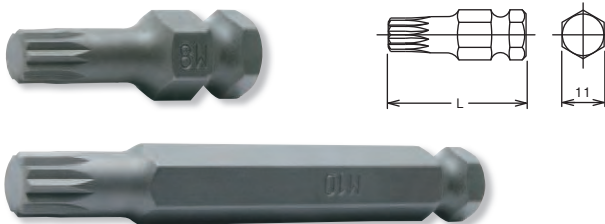


107-11 (T)	L (mm)	(g)	(pcs.)
T25	35	18	10
T30	35	18	10
T40	35	20	10
T45	35	22	10
T50	35	26	10
T55	35	31	10
T60	35	38	10

107-11 (L80) (T)	L (mm)	(g)	(pcs.)
T30	80	54	10
T40	80	54	10
T45	80	56	10
T50	80	57	10
T55	80	66	10
T60	80	76	10

107-11 (XZN)

Bits XZN
Klingen XZN
Embouts de vissage, XZN



107-11 (XZN)	L (mm)	(g)	(pcs.)
M 4	35	18	10
M 5	35	20	10
M 6	35	22	10
M 8	35	26	10
M10	35	31	10
M12	35	38	10

107-11 (L80) (XZN)	L (mm)	(g)	(pcs.)
M 4	80	54	10
M 5	80	54	10
M 6	80	56	10
M 8	80	57	10
M10	80	66	10
M12	80	76	10
M14	80	80	10

3/4"

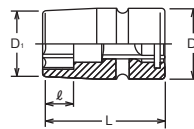
Sleeve-Drive Sockets
Sleeve-Drive Steckschlüssel
Douilles, Sleeve Drive

NV16400 (mm)	D ₁ (mm)	D ₂ (mm)	ℓ (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	492	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=1600C, Pin/O-Ring=1601A/B → P242-243

NV16400

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



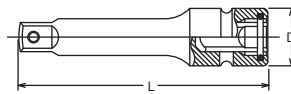
NV16760-175/-250/-330

Extension Bars
Verlängerungen
Rallonges



NV16760	D (mm)	L (mm)	(g)	(pce.)	⚡
175	44	175	870	1	*1
250	44	250	1160	1	*1
330	44	330	1460	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B → P242-243



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



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