

2.

TULEJE I KOŃCÓWKI OBROTOWE DO PODAJNIKÓW PRĘTA

BAR FEED COLLETS AND REVOLVING ENDS

SPANNHÜLSEN UND DREHENDE ENDEN

ЦАНГИ ВРАЩАЯСЬ И ЗАКАНЧИВАЮЩЕМСЯ



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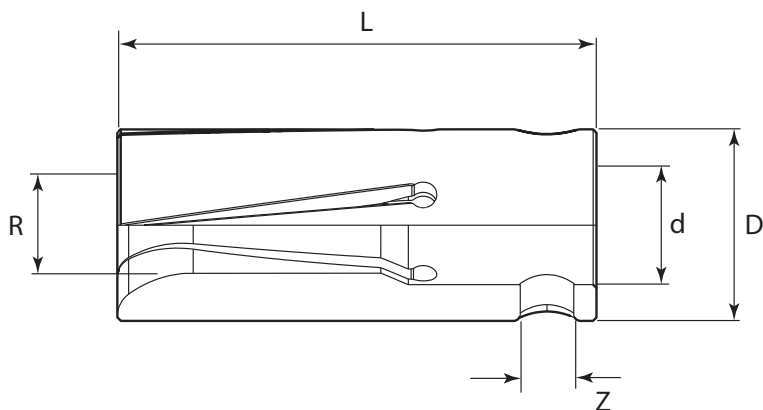
TULEJE DO PODAJNIKÓW PRĘTA

BAR FEED COLLETS FOR BAR LOADERS

Tuleje do podajnika pręta SPH

SPH Bar feed collets for bar loaders
SPH Spannhülsen Für Lademagazine
Цанги SPH

SPH



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	Popychacz Pusher (mm)	ø D (mm)	ø Z (mm)	ø d (mm)	L (mm)	R (EG) Okrągły Round (mm)	R (S) Sześciokąt Hexagon (mm)	R (K) Kwadrat Square (mm)
SPH.05	200E	D 5	5 / 5,5	-	M 4	37	1,0 - 4,5	-	-
SPH.07	208E	D 7	7 / 7,5	-	M 5	37	1,0 - 6,2	-	-
SPH.07B	Bechler S7B	D 7	7	-	M 4	30	1,0 - 6,0	-	-
SPH.10	210E	D 10	10	4	7 H 7	40	1,0 - 10,0	3,0 - 6,35	3,0 - 8,0
SPH.10B	Bechler S10B	D 10	10	-	M 5	26	2,0 - 10,0	-	-
SPH.12	212E	D 12	12	4	8 H 7	40	3,0 - 11,0	3,0 - 8,0	3,0 - 9,0
SPH.13	213E	D 13	13	4	8 H 7	40	2,0 - 12,0	3,0 - 8,0	3,0 - 10,0
SPH.15	203E	D 15	15	6	11 H 7	40	3,0 - 14,0	3,0 - 10,0	3,0 - 12,0
SPH.16	SHK16	D 16	16	6	11 H 7	40	3,0 - 15,0	3,0 - 10,0	3,0 - 13,0
SPH.18	218E	D 18	18	6	11 H 7	40	3,0 - 16,0	5,0 - 12,0	5,0 - 14,0
SPH.20	225E	D 20	20	8	14 H 7	65	4,0 - 19,0	5,0 - 14,0	5,0 - 16,0
SPH.21	SHK21	D 21	21	8	14 H 7	65	15,0 - 20,0	-	-
SPH.22	SHK22	D 22	22	8	14 H 7	65	4,0 - 21,0	-	-
SPH.23	SHK23	D 23	23	8	14 H 7	65	5,0 - 22,0	-	-
SPH.25	222E	D 25	25	8	20 H 7	65	4,0 - 24,0	5,0 - 16,0	5,0 - 20,0
SPH.28	227E	D 28	28	8	20 H 7	65	3,0 - 26,5	5,0 - 17,0	5,0 - 22,0
SPH.30	SHK30	D30	30	8	20 H 7	65	5,0 - 28,0	5,0 - 20,0	5,0 - 24
SPH.32	SHK32	D32	32	8	20 H 7	65	5,0 - 30,0	5,0 - 22,0	5,0 - 25,4
SPH.34	SHK34	D34	34	8	20 H 7	65	10,0 - 32	10,0 - 22,0	10,0 - 27,0
SPH.36	SHK36	D36	36	8	20 H 7	65	8,0 - 33,0	8,0 - 22,0	8,0 - 28,0

DODATKOWE OPCJE / ADDITIONAL OPTIONS / ZUSÄTZLICHE OPTIONEN / ДОПОЛНИТЕЛЬНЫЕ ОПЦИИ:

Możliwa zmiana siły zacisku
Possible change of clamping force
Haltekraft anpassung
Возможное изменение прижимной силы

Wersja zamknięta
Closed cersion
geschlossene Ausführung
закрытая версия

Dostępne profile
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Verfügbaren Profile
доступные профили

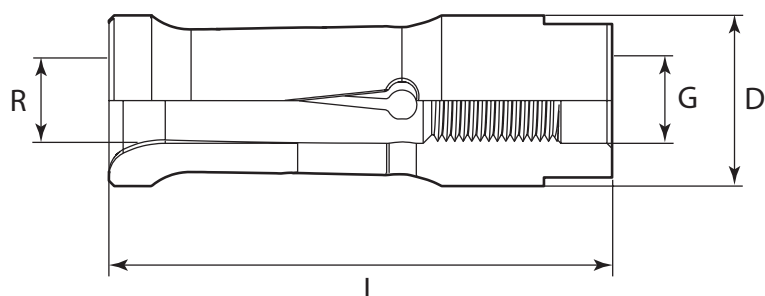
TULEJE DO PODAJNIKÓW PRĘTA

BAR FEED COLLETS FOR BAR LOADERS

Tuleje do podajnika pręta IEMCA

IEMCA Bar feed collets for bar loaders
IEMCA Spannhülsen Für Lademagazine
Цанги IEMCA

IEMCA



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	Popychacz Pusher (mm)	ø D (mm)	G Gwint Thread	L (mm)	R (EG) Okrągły Round (mm)
SPHJ.07	SE 7,5	D 7,5	7,5	M 5 x 0,5	40	2,0 - 6,5
SPHJ.10	SE 10	D 10	10	M 6 x 0,75	40	2,0 - 8,0
SPHJ.12	SE 12	D 12	12	M 7 x 0,75	42	3,0 - 11,0
SPHJ.15	SE 15	D 15	15	M 8 x 1	42	4,0 - 13,0
SPHJ.16	SE 16	D 16	16	M 8 x 1	42	2,0 - 14,0
SPHJ.18	SE 18	D 18	18	M 8 x 1	42	12,5 - 16
SPHJ.20	SE 20	D 20	20	M 10 x 1	59	4,0 - 18,0
SPHJ.22	SE 22	D 20	20	M 10 x 1	59	4,0 - 20,0
SPHJ.23	SE 23	D 23	23	M 10 x 1	59	5,0 - 21,0
SPHJ.25	SE 25	D 25	25	M 10 x 1	59	6,0 - 23,0
SPHJ.27	SE 27	D 27	27	M 10 x 1	59	8,0 - 25,0
SPHJ.30	SE 30	D 30	30	M 10 x 1	59	8,0 - 28,0
SPHJ.32	SE 32	D 32	32	M 25 x 1,5	78	8,0 - 30,0
SPHJ.33	SE 33	D 33	33	M 25 x 1,5	65	8,0 - 32,0
SPHJ.34	SE 34	D 34	34	M 25 x 1,5	78	10,0 - 32,0
SPHJ.35	SE 35	D 35	35	M 25 x 1,5	78	10,0 - 32,0
SPHJ.37	SE 37	D 37	37	M 25 x 1,5	78	16,0 - 35,0
SPHJ.38	SE 38	D 38	38	M 25 x 1,5	78	31,0 - 35,0
SPHJ.40	SE 40	D 40	40	M 25 x 1,5	78	20,0 - 37,0
SPHJ.42	SE 42	D 42	42	M 25 x 1,5	78	24,0 - 40,0
SPHJ.45	SE 45	D 45	45	M 25 x 1,5	80	28,0 - 42,0
SPHJ.46	SE 46	D 46	46	M 25 x 1,5	80	25,0 - 44,0
SPHJ.50	SE 50	D 50	50	M 25 x 1,5	80	44,0 - 46,0
SPHJ.51	SE 51	D 51	51	M 25 x 1,5	80	43,0 - 48,0
SPHJ.52	SE 52	D 52	52	M 25 x 1,5	80	45,0 - 50,0
SPHJ.54	SE 54	D 54	54	M 25 x 1,5	80	47,0 - 52,0
SPHJ.55	SE 55	D 55	55	M 25 x 1,5	80	43,0 - 50,0
SPHJ.56	SE 56	D 56	56	M 25 x 1,5	80	45,0 - 51,0
SPHJ.58	SE 58	D 58	58	M 25 x 1,5	80	46,0 - 53,0
SPHJ.60	SE 60	D 60	60	M 25 x 1,5	80	48,0 - 56,0
SPHJ.65	SE 65	D 65	65	M 25 x 1,5	80	56,0 - 63,0
SPHJ.70	SE 70	D 70	70	M 25 x 1,5	80	60,0 - 66,0
SPHJ.75	SE 75	D 75	75	M 25 x 1,5	80	67,0 - 72,0
SPHJ.70	SE 70	D 70	70	M 25 x 1,5	80	60,0 - 66,0
SPHJ.75	SE 75	D 75	75	M 25 x 1,5	80	67,0 - 72,0

TULEJE DO PODAJNIKÓW PRĘTA

BAR FEED COLLETS FOR BAR LOADERS

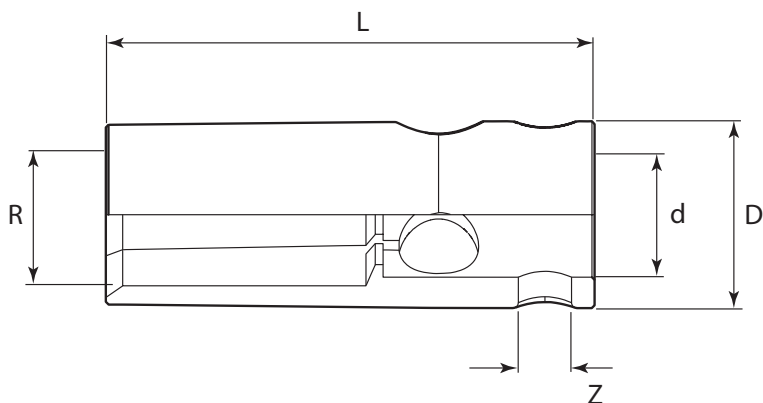
CAV

Tuleje do podajnika pręta CAV

CAV Bar feed collets for bar loaders

CAV Spannhülsen Für Lademagazine

Цанги CAV



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	Popychacz Pusher (mm)	ø D (mm)	ø d (mm)	ø Z (mm)	L (mm)	R (EG) Okragly Round (mm)
CAV.07	CAV 7	7	7	M6 x 1L		40	1,5 - 5,9
CAV.10	CAV 10	10	10	M6 x 1L		40	2,0 - 8,5
CAV.12	CAV 12	12	12	M6 x 1L		40	8,5 - 10,5
CAV.15	CAV 15	15	15	10	6	55	3,0 - 14,0
CAV.17	CAV 17	17	17	10	6	55	14,0 - 16,0
CAV.19	CAV 19	19	19	10	6	55	16,0 - 17,0
CAV.21	CAV 21	21	21	10	6	55	17,0 - 19
CAV.25	CAV 25	25	25	16	8	76	5,0 - 22,0
CAV.32	CAV 32	32	25/32	16	8	76	15,5 - 29,5
CAV.34	CAV34	34	25/34	16	8	76	19,0 - 31,0

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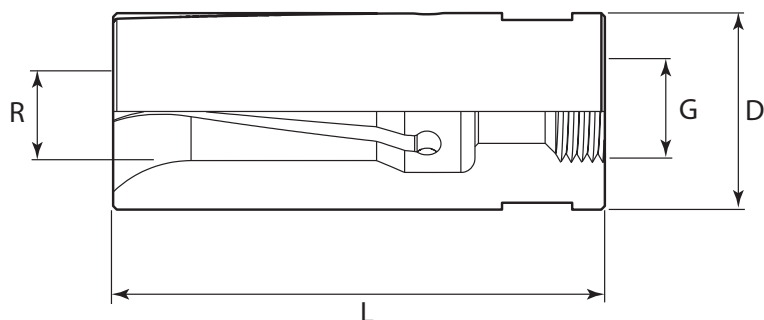
TULEJE DO PODAJNIKÓW PRĘTA

BAR FEED COLLETS FOR BAR LOADERS

Tuleje do podajnika pręta CUCCHI

CUCCHI Bar feed collets for bar loaders
CUCCHI Spannhülsen Für Lademagazine
Цанги CUCCHI

CUCCHI



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	ø D (mm)	G Gwint Thread	L (mm)	R (EG) Okragły Round (mm)
PB.28	PB 28	28	M 18 x 1,5 L	65	10,0 - 26,0
PB.29	PB 29	29	M 18 x 1,5 L	65	10,0 - 27,0
PB.30	PB 30	30	M 18 x 1,5 L	65	10,0 - 28,0
PB.35	PB 35	35	M 18 x 1,5 L	70	10,0 - 33,0
PB.36	PB 36	36	M 18 x 1,5 L	70	10,0 - 34,0
PB.38	PB 38	38	M 25 x 1,5 L	70	10,0 - 36,0
PB.41	PB 41	41	M 25 x 1,5 L	70	20,0 - 39,0
PB.42	PB 42	42	M 25 x 1,5 L	70	20,0 - 40,0
PB.60	PB 60	59	M 30 x 1,5 L	80	20,0 - 51,0

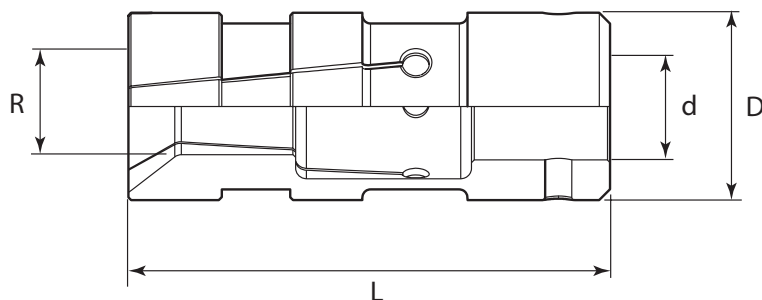
TULEJE DO PODAJNIKÓW PRĘTA

BAR FEED COLLETS FOR BAR LOADERS

Tuleje do podajnika pręta TURBO

TURBO Bar feed collets for bar loaders
TURBO Spannhülsen Für Lademagazine
Цанги TURBO

TURBO



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	Popychacz Pusher (mm)	ø D (mm)	ø d (mm)	L (mm)	R (EG) Okrągły Round (mm)	R (S) Sześciokąt Hexagon (mm)	R (K) Kwadrat Square (mm)
SHT.25	SHT 25	D 25	25	20 H 7	90	4,0 - 22,0	5,0 - 16,0	5,0 - 20,0
SHT.28	SHT 28	D 28	28	20 H 7	90	4,0 - 25,0	5,0 - 17,0	5,0 - 22,0
SHT.30	SHT 30	D 30	30	20 H 7	90	5,0 - 28,0	5,0 - 19,0	5,0 - 24,0
SHT.32	SHT 32	D 32	32	20 H 7	90	5,0 - 30,0	5,0 - 20,0	5,0 - 26,0
SHT.34	SHT 34	D 34	34	20 H 7	90	5,0 - 32,0	10,0 - 20,0	10,0 - 27,0
SHT.35	SHT 35	D 35	35	20 H 7	90	5,0 - 33,0	-	-
SHT.36	SHT 36	D 36	36	20 H 7	90	6,0 - 34,0	6,0 - 24,0	6,0 - 28,0
SHT.38	SHT 38	D 38	38	20 H 7	90	6,0 - 36,0	6,0 - 24,0	6,0 - 30,0
SHT.40	SHT 40	D 40	40	20 H 7	90	10,0 - 38,0	10,0 - 25,0	10,0 - 32,0
SHT.42	SHT 42	D 42	42	20 H 7	90	6,0 - 40,5	10,0 - 28,0	10,0 - 35,0
SHT.44	SHT 44	D 44	44	20 H 7	90	10,0 - 42,0	-	-
SHT.45	SHT 45	D 45	45	20 H 7	90	6,0 - 43,0	10,0 - 30,0	10,0 - 36,0
SHT.50	SHT 50	D 50	50	20 H 7	90	6,0 - 48,0	10,0 - 32,0	10,0 - 41,0
SHT.54	SHT 54	D 54	54	20 H 7	90	10,0 - 52,0	-	-
SHT.58	SHT 58	D 58	58	20 H 7	90	15,0 - 56,0	-	-
SHT.60	SHT 60	D 60	60	20 H 7	90	8,0 - 58,0	10,0 - 40,0	10,0 - 50,0
SHT.63	SHT63	D 63	63	20 H 7	90	15,0 - 61,0	-	-
SHT.65	SHT 65	D 65	65	20 H 7	90	8,0 - 63,0	10,0 - 42,0	10,0 - 55,0
SHT.70	SHT 70	D 70	70	20 H 7	90	12,0 - 66,0	-	-
SHT.75	SHT 75	D 75	75	20 / 35 H 7	90	20,0 - 72,0	-	-
SHT.80	SHT 80	D 80	80	35 H 7	90	20,0 - 76,0	-	-
SHT.90	SHT 90	D 90	90	35 H 7	90	50,0 - 84,0	-	-
SHT.100	SHT 100	D 100	100	35 H 7	110	60,0 - 95,0	-	-

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закрытая версия

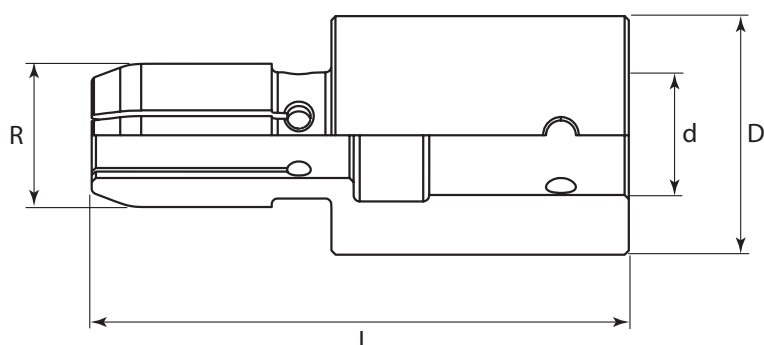
TULEJE DO PODAJNIKÓW PRĘTA

BAR FEED COLLETS FOR BAR LOADERS

Tuleje rozprężne do podajnika pręta TURBO

TURBO Bar feed collets for bar loaders
 TURBO Spannhülsen Für Lademagazine
 Цанги TURBO

TURBO



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	Popychacz Pusher (mm)	ø D (mm)	ø d (mm)	L (mm)	R (EG) Okrągły Round (mm)
SHTI.25	SHTI 25	D 25	25	20 H 7	90	6,0 - 23,0
SHTI.28	SHTI 28	D 28	28	20 H 7	90	6,0 - 27,0
SHTI.30	SHTI 30	D 30	30	20 H 7	90	6,0 - 31,0
SHTI.32	SHTI 32	D 32	32	20 H 7	90	6,0 - 31,0
SHTI.34	SHTI 34	D 34	34	20 H 7	90	6,0 - 33,0
SHTI.35	SHTI 35	D 35	35	20 H 7	90	6,0 - 34,0
SHTI.36	SHTI 36	D 36	36	20 H 7	90	10,0 - 35,0
SHTI.38	SHTI 38	D 38	38	20 H 7	90	10,0 - 37,0
SHTI.40	SHTI 40	D 40	40	20 H 7	90	10,0 - 39,0
SHTI.42	SHTI 42	D 42	42	20 H 7	90	10,0 - 41,0
SHTI.44	SHTI 44	D 44	44	20 H 7	90	10,0 - 43,0
SHTI.45	SHTI 45	D 45	45	20 H 7	90	10,0 - 44,0
SHTI.50	SHTI 50	D 50	50	20 H 7	90	10,0 - 49,0
SHTI.54	SHTI 54	D 54	54	20 H 7	90	10,0 - 53,0
SHTI.58	SHTI 58	D 58	58	20 H 7	90	10,0 - 57,0
SHTI.60	SHTI 60	D 60	60	20 H 7	90	10,0 - 59,0
SHTI.63	SHTI 63	D 63	63	20 H 7	90	10,0 - 62,0
SHTI.65	SHTI 65	D 65	65	20 H 7	90	10,0 - 64,0
SHTI.70	SHTI 70	D 70	70	20 H 7	90	30,0 - 65,0
SHTI.75	SHTI 75	D 75	75	20 / 35 H 7	90	30,0 - 70,0
SHTI.80	SHTI 80	D 80	80	35 H 7	90	30,0 - 75,0
SHTI.90	SHTI 90	D 90	90	35 H 7	90	40,0 - 85,0
SHTI.100	SHTI 100	D 100	100	35 H 7	110	40,0 - 95,0

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Możliwa zmiana siły zacisku
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 Haltekraft anpassung

Возможное изменение прижимной силы

Wulkanizowanie
 Vulcanization
 Vulkanisation
 Вулканизация

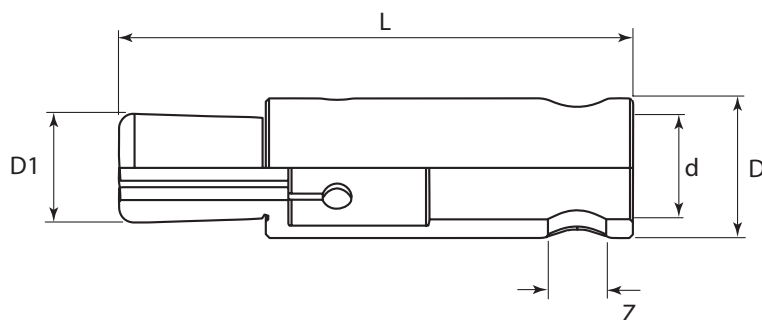
TULEJE DO PODAJNIKÓW PRĘTA

BAR FEED COLLETS FOR BAR LOADERS

Tuleje do podajnika pręta INDEX

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Цанги INDEX

INDEX



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ maszyny Machine type	Popychacz Pusher (mm)	Rodzaj tulei Collet type	ø D (mm)	ø D1 (mm)	ø Z (mm)	ø d (mm)	L (mm)
927434.1232	MS 22 / MS 40	12	Tuleja / Collet	10,3	8	4	8 H 7	45
927435.XX31			Gniazdo / Socket	13,0 - 23,0		4		32
927535.1231	MS 32	12	Tuleja / Collet	10,3	8	4	8 H 7	45
927536.XX31			Gniazdo / Socket	13,0 - 18,0		4		32
927434.1233	MS 22 / MS 32 / MS 40	12	Tuleja / Collet	10,3	8	4	8 H 7	46
927435.XX32			Gniazdo / Socket	13,0 - 23,0		4		26
927535.1831	MS 22 / MS 32 / MS 40	18	Tuleja / Collet	16	15	6	11 H 7	45
927536.XX31			Gniazdo / Socket	19,0 - 25,0		6		32
927535.1841	MS 22 / MS 32 / MS 40	18	Tuleja / Collet	16	15	6	11 H 7	46,5
927536.XX41			Gniazdo / Socket	19,0 - 25,0		6		26,5
927934.1832	MS 52	18	Tuleja / Collet	18	15	6	11 H 7	45
927975.XX31			Gniazdo / Socket	22,0 - 32,0				20
927434.2332	MS 40	23	Tuleja / Collet	19	15	8	14 H 7	70
927435.XX31			Gniazdo / Socket	24,0 - 32,0		8		52
927434.2333	MS 40	23	Tuleja / Collet	19	15	8	14 H 7	66,5
927435.XX32			Gniazdo / Socket	24,0 - 32,0				46,5
927535.2531	MS 32	25	Tuleja / Collet	22	15	8	15 H 7	66,5
927536.XX31			Gniazdo / Socket	26,0 - 36,0				46,5
927434.3232	MS 40	32	Tuleja / Collet	27	15	8	20 H 7	70
927435.XX31			Gniazdo / Socket	33,0 - 40,0		8		52
927434.3233	MS 40	32	Tuleja / Collet	27	15	8	20 H 7	61
927435.XX32			Gniazdo / Socket	33,0 - 40,0				41
927934.3232	MS 52	32	Tuleja / Collet	32	20	8	20 H 7	70
927975.XX31			Gniazdo / Socket	33,0 - 42,0				38
927934.4232	MS 52	42	Tuleja / Collet	42	20	8	20 H 7	70
927975.XX31			Gniazdo / Socket	43,0 - 52,0				38

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Vulcanization
Vulkanisation
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TULEJE DO PODAJNIKÓW PRĘTA

BAR FEED COLLETS FOR BAR LOADERS

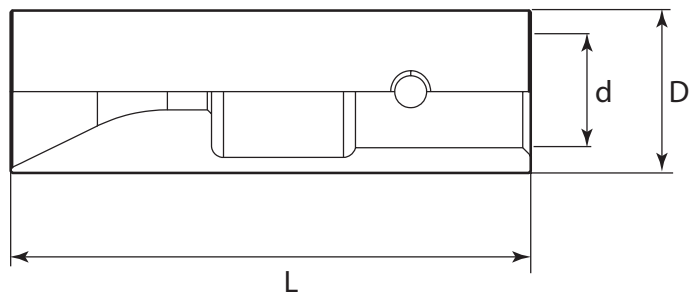
Tuleje centrujące VKK

VKK centering collets

VKK Zentrierhülsen

Цанги VKK

VKK



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	ø D (mm)	ø d (mm)	L (mm)
VKK.15	VKK 15	15,3	11 H 7	40
VKK.16	VKK 16	16,3	11 H 7	40
VKK.17	VKK 17	17,3	11 H 7	40
VKK.18	VKK 18	18,3	11 H 7	40
VKK.20	VKK 20	20,3	14 H 7	65
VKK.22	VKK 22	22,3	14 H 7	65
VKK.24	VKK 24	24,3	14 H 7	65
VKK.25.65	VKK 25 L65	25,3	20 H 7	65
VKK.25.90	VKK 25 L90	25,3	20 H 7	90
VKK.26.65	VKK 26 L65	26,3	20 H 7	65
VKK.26.90	VKK 26 L90	26,3	20 H 7	90
VKK.28.65	VKK 28 L65	28,3	20 H 7	65
VKK.28.90	VKK 28 L90	28,3	20 H 7	90
VKK.30.65	VKK 30 L65	30,3	20 H 7	65
VKK.30.90	VKK 30 L90	30,3	20 H 7	90
VKK.32.65	VKK 32 L65	32,3	20 H 7	65
VKK.32.90	VKK 32 L90	32,3	20 H 7	90
VKK.34.65	VKK 34 L65	34,3	20 H 7	65
VKK.34.90	VKK 34 L90	34,3	20 H 7	90
VKK.35.65	VKK 35 L65	35,3	20 H 7	65
VKK.35.90	VKK 35 L90	35,3	20 H 7	90
VKK.36.65	VKK 36 L65	36,3	20 H 7	65
VKK.36.90	VKK 36 L90	36,3	20 H 7	90
VKK.38.65	VKK 38 L65	38,3	20 H 7	65
VKK.38.90	VKK 38 L90	38,3	20 H 7	90
VKK.40.65	VKK 40 L65	40,3	20 H 7	65
VKK.40.90	VKK 40 L90	40,3	20 H 7	90
VKK.41	VKK 41	41,3	20 H 7	90
VKK.42	VKK 42	42,3	20 H 7	90
VKK.44	VKK 44	44,3	20 H 7	90
VKK.45	VKK 45	45,3	20 H 7	90
VKK.46	VKK 46	46,3	20 H 7	90
VKK.50	VKK 50	50,3	20 H 7	90
VKK.51	VKK 51	51,3	20 H 7	90

KOŃCÓWKI OBROTOWE

REVOLVING ENDS

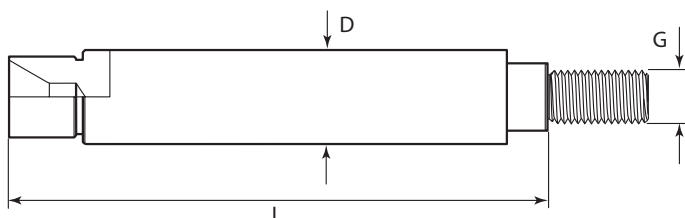
Końcówki obrotowe do manualnych podajników pręta

Revolving ends for manual bar feeders

Drehende Enden für manuellen Stangenvorschub / Hydraulikrohre

Цанги ТЗн для автоматов одно- и многошпиндельных

MANUAL



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	ø D (mm)	G Gwint Thread	L (mm)
SPHL.ESB.04.5.M3.5	ESB 0450	4,5	M3,5	30
SPHL.ESB.05.5.M4	ESB 0550	5,5	M4	46
SPHL.ESB.07.M5	ESB 0700	7	M5	42
SPHL.ESB.07.5.M5	ESB 0750	7,5	M5	44
SPHL.ESB.08.M5	ESB 0800	8	M5	52
SPHL.ESB.08.5.M5	ESB 0850	8,5	M5	52
SPHL.ESB.08.5.M5L	ESB 0850L	8,5	M5	73
SPHL.ESB.10.M6	ESB 1000	10	M6	49
SPHL.ESB.11.M6	ESB 1100	11	M6	49
SPHL.ESB.12.M6	ESB 1200	12	M6	49
SPHL.ESB.14.M10	ESB 1400	14	M10	80
SPHL.ESB.14.M8	ESB 1408	14	M8	80
SPHL.ESB.15.M10	ESB 1500	15	M10	80
SPHL.ESB.15.M8	ESB 1508	15	M8	80
SPHL.ESB.16.M10	ESB 1600	16	M10	80
SPHL.ESB.16.M8	ESB 1608	16	M8	80
SPHL.ESB.20.M10	ESB 2000	20	M10	88
SPHL.ESB.25.M12	ESB 2500	25	M12	108
SPHL.ESB.28.M12	ESB 2800	28	M12	108
SPHL.ESB.30.M12	ESB 3000	30	M12	108
SPHL.ESB.32.M12	ESB 3200	32	M12	108
SPHL.ESB.36.M12	ESB 3600	36	M12	108

KOŃCÓWKI OBROTOWE

REVOLVING ENDS

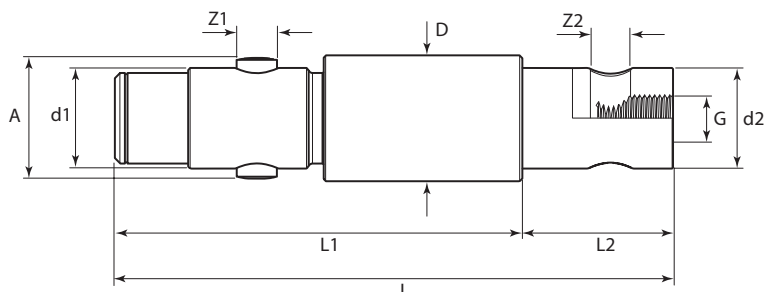
Końcówki obrotowe do LNS Mini-Sprint S2

LNS Mini-Sprint S2 Revolving ends

LNS Mini-Sprint S2 Spannhülsenlagerungen

Цанги TZn для автоматов одно- и многошпиндельных

LNS



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	Zastosowanie Destination	ø d1 (mm)	ø d2 (mm)	ø D (mm)	A (mm)	ø Z1 / ø Z2 (mm)	G Gwint Thread	L1 (mm)	L2 (mm)	L (mm)
SPHL.LNS.10	LNS 10	LNS Mini-Sprint S2	7	8	10	10	4	M4	65	30	95
SPHL.LNS.12	LNS 12	LNS Mini-Sprint S2	8	8	12	12	4	--	65	30	95
SPHL.LNS.15	LNS 15	LNS Mini-Sprint S2	11	12	15	15	6	M5	66	30	96
SPHL.LNS.18	LNS 18	LNS Mini-Sprint S2	11	12	18	18	6	--	66	30	96
SPHL.LNS.20	LNS 20	LNS Mini-Sprint S2	14	17	20	20	8	M8	81	30	111
SPHL.LNS.25	LNS 25	LNS Mini-Sprint S2	20	20	25	25	8	M8	85,5	30	115,5
SPHL.LNS.36	LNS 36	LNS Mini-Sprint S2	20	30	36	36	8 / --	--	158	40	198
SPHL.LNS.50	LNS 50	LNS Mini-Sprint S2	20	42	50	--	--	--	158	50	208

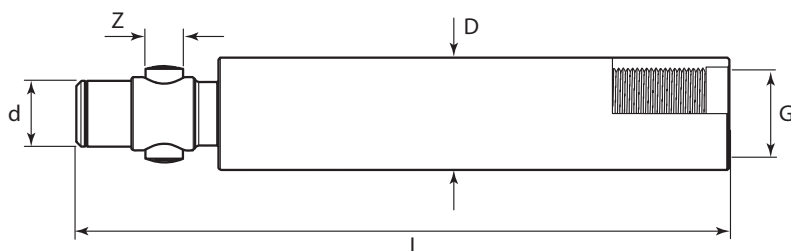
Końcówki obrotowe do IEMCA

IEMCA Revolving ends

IEMCA Spannhülsenlagerungen

Цанги TZn для автоматов одно- и многошпиндельных

IEMCA



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	Zastosowanie Destination	ø D (mm)	G Gwint Thread	ø Z (mm)	ø d (mm)	L (mm)
SPHL.SIR.12	SIR L12	IEMCA	12,5	M 9 x 1 L	4	8	107
SPHL.SIR.15	SIR L15	IEMCA	15	M 12 x 1 L	6	11	127
SPHL.SIR.18	SIR L18	IEMCA	18	M 15 x 1 L	6	11	127
SPHL.SIR.23	SIR L23	IEMCA	23	M 18 x 1 L	8	14	139,5
SPHL.SIR.24	SIR L24	IEMCA	24	M 18 x 1 L	8	14	139,5
SPHL.SIR.25	SIR L25	IEMCA	25	M 22 x 1 L	8	20	146,5
SPHL.SIR.32	SIR L32	IEMCA	32	M 28 x 1 L	8	20	169,5
SPHL.SIR.36	SIR L36	IEMCA	36	M 30 x 1 L	8	20	169,5

KOŃCÓWKI OBROTOWE

REVOLVING ENDS

Końcówki obrotowe (typ HSL)

Revolving ends (HSL type)

Spannhülsenlagerungen (HSL Typ)

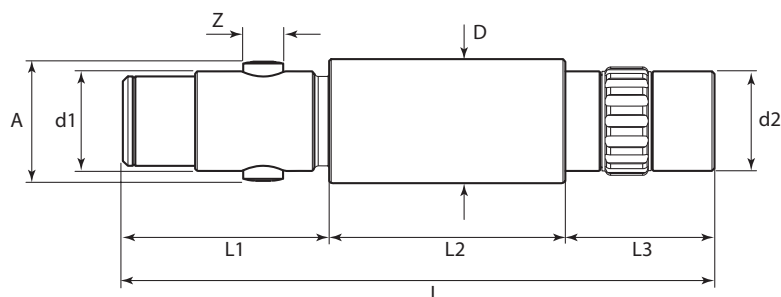
Цанги TZn для автоматов одно- и многошпиндельных

FMB

IEMCA

IRCO

TRAUB



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	Zastosowanie Destination	ø d1 (mm)	ø d2 (mm)	ø D (mm)	A (mm)	ø Z (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L (mm)
SPHL.HSL.10	HSL 10	FMB, IEMCA, IRCO	7	8	10,3	9,8	4	27	43	31	101
SPHL.HSL.12	HSL 12	FMB, IEMCA, IRCO	8	8	12	11,8	4	27	43	31	101
SPHL.HSL.13	HSL 13	FMB, IEMCA, IRCO	8	8	13	11,8	6	27	43	31	101
SPHL.HSL.15	HSL 15	FMB, IEMCA, IRCO, TRAUB	11	12	15	14,8	6	26	44	31	101
SPHL.HSL.16	HSL 16	FMB, IEMCA, IRCO, TRAUB	11	12	16	15,8	6	26	44	31	101
SPHL.HSL.18	HSL 18	FMB, IEMCA, IRCO, TRAUB	11	12	18	17,8	6	26	44	31	101
SPHL.HSL.20	HSL 20	FMB, IEMCA, IRCO, TRAUB	14	17	20	19,8	8	39	47	31	117
SPHL.HSL.22	HSL 22	FMB, IEMCA, IRCO, TRAUB	14	17	22	21,8	8	39	47	31	117
SPHL.HSL.23	HSL 23	FMB, IEMCA, IRCO, TRAUB	14	17	23	21,8	8	44	42	28	114
SPHL.HSL.25	HSL L5	FMB, IEMCA, IRCO, TRAUB	20	20	25	24,8	8	42	47	31	120
SPHL.HSL.28	HSL 28	FMB, IEMCA, IRCO, TRAUB	20	20	28	24,8	8	42	47	31	120
SPHL.HSL.30	HSL 30	FMB, IEMCA, IRCO, TRAUB	20	20	30	29,8	8	42	47	31	120
SPHL.HSL.32	HSL 32	FMB, IEMCA, IRCO, TRAUB	20	20	32	31,8	8	42	47	30	119
SPHL.HSL.36	HSL 36	FMB, IEMCA, IRCO, TRAUB	20	20	36	35,8	8	42	47	30	119
SPHL.HSL.42	HSL 42	FMB, IEMCA, IRCO, TRAUB	20	20	42	41,8	8	42	47	30	119
SPHL.HSL.52	HSL 52	FMB, IEMCA, IRCO, TRAUB	20	20	52	51,8	8	42	47	30	119

KOŃCÓWKI OBROTOWE

REVOLVING ENDS

Końcówki obrotowe „TURBO”

TURBO Revolving ends

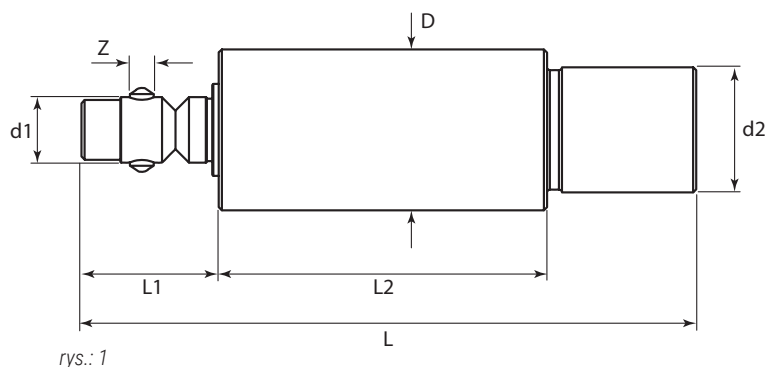
TURBO Spannhülsenlagerungen

Цанги TZn для автоматов одно- и многшпиндельных

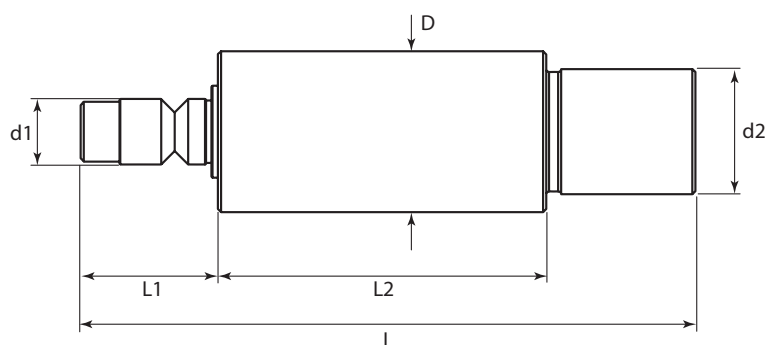
FMB

LNS

IRCO



rzs.: 1



rzs.: 2



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	ø d1 (mm)	ø D (mm)	ø d2 (mm)	ø Z (mm)	L1 (mm)	L2 (mm)	L (mm)	Szkie Draw
SPHL.TURBO.25	LT 25	20	25	20	8	46	110	196	1
SPHL.TURBO.30	LT 30	20	30	25	8	46	110	196	1
SPHL.TURBO.32	LT 32	20	32	25	8	46	110	196	1
SPHL.TURBO.34	LT 34	20	34	30	8	46	110	196	1
SPHL.TURBO.36	LT 36	20	36	30	8	46	110	196	1
SPHL.TURBO.38	LT 38	20	38	30	-	46	110	196	2
SPHL.TURBO.40	LT 40	20	40	33	-	46	110	206	2
SPHL.TURBO.42	LT 42	20	42	33	-	46	110	206	2
SPHL.TURBO.44	LT 44	20	44	33	-	46	110	206	2
SPHL.TURBO.45	LT 45	20	45	33	-	46	110	206	2
SPHL.TURBO.50	LT 50	20	50	42	-	46	110	206	2
SPHL.TURBO.54	LT 54	20	54	42	-	46	110	206	2
SPHL.TURBO.55	LT 55	20	55	42	-	46	110	206	2
SPHL.TURBO.58	LT 58	20	58	51	-	46	110	231	2
SPHL.TURBO.60	LT 60	20	60	51	-	46	110	231	2
SPHL.TURBO.63	LT 63	20	63	51	-	46	110	231	2
SPHL.TURBO.65	LT 65	20	65	51	-	46	110	231	2
SPHL.TURBO.70	LT 70	20	70	51	-	46	110	231	2
SPHL.TURBO.75	LT 75	20 / 35	75	65	-	46	110	231	2
SPHL.TURBO.80	LT 80	35	80	65	-	46	110	231	2
SPHL.TURBO.90	LT 90	35	90	65	-	46	110	231	2
SPHL.TURBO.100	LT 100	35	100	82	-	46	110	231	2

KOŃCÓWKI OBROTOWE

REVOLVING ENDS

Końcówki obrotowe do FMB

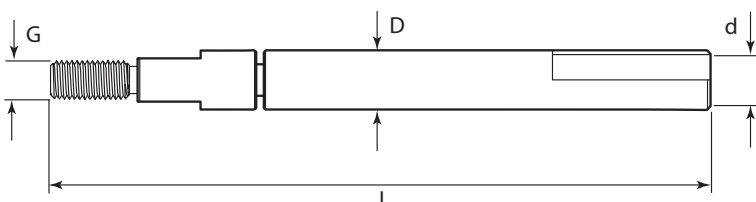
FMB Revolving ends

FMB Spannhülsenlagerungen

Цанги TZn для автоматов одно- и многошпиндельных

TRAUB

FMB



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	Zastosowanie Destination	ø d (mm)	ø D (mm)	G Gwint Thread	L (mm)
SPHL.FMB.L5	L5 / D5	FMB, TRAUB	4,5	5,5	M4	82,5
SPHL.FMB.L7	L7 / D7	FMB, TRAUB	6,04	7,5	M5	83,5

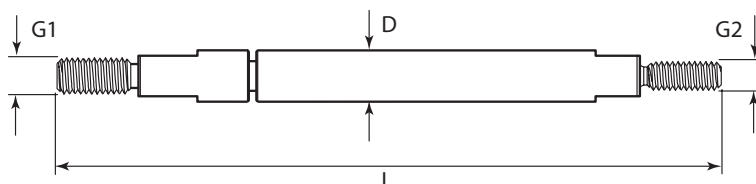
Końcówki obrotowe do IEMCA L5

IEMCA L5 Revolving ends

IEMCA L5 Spannhülsenlagerungen

Цанги TZn для автоматов одно- и многошпиндельных

IEMCA



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	Zastosowanie Destination	ø D (mm)	G1 Gwint Thread	G2 Gwint Thread	L (mm)
SPHL.IEM.L5	L5 / D5	IEMCA	5,5	M4	M4	90

KOŃCÓWKI OBROTOWE

REVOLVING ENDS

Końcówki obrotowe do IEMCA L7

IEMCA L7 Revolving ends

IEMCA L7 Spannhülsenlagerungen

Цанги TZn для автоматов одно- и многошпиндельных

IEMCA

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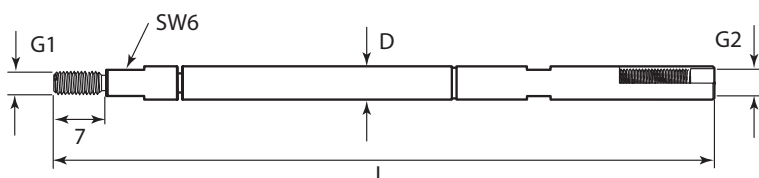
12

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14

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16



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	Zastosowanie Destination	ø D (mm)	G1 Gwint Thread	G2 Gwint Thread	L (mm)
SPHL.IEM.L7	L7 / D7	IEMCA	7,5	M5	M6 x 0,75	140

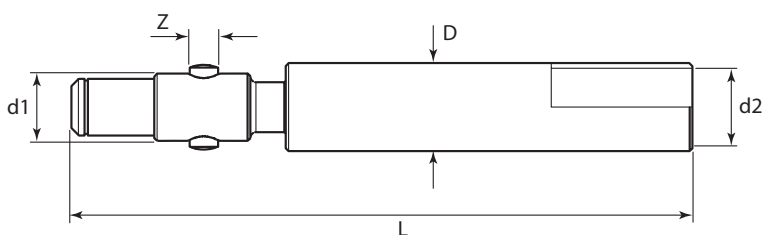
Końcówki obrotowe do TRAUB

TRAUB Revolving ends

TRAUB Spannhülsenlagerungen

Цанги TZn для автоматов одно- и многошпиндельных

TRAUB



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	Zastosowanie Destination	ø d1 (mm)	ø d2 (mm)	ø D (mm)	ø Z (mm)	L (mm)
SPHL.TRA.L10	TR L10	TRAUB	7	9	10,5	4	88
SPHL.TRA.L12	TR L12	TRAUB	8	11	12,5	4	88

KOŃCÓWKI OBROTOWE

REVOLVING ENDS

Końcówki obrotowe pozostałe

Revolving ends

Spannhülsenlagerungen

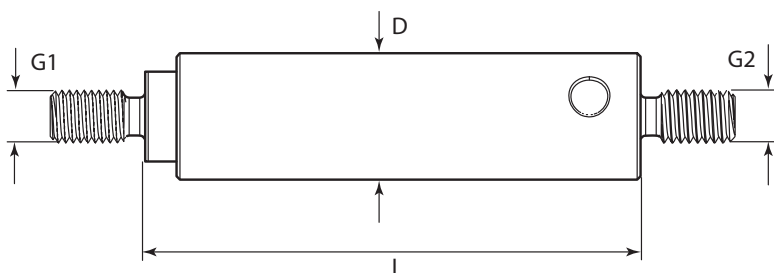
Цанги TZn для автоматов одно- и многошпиндельных

TORNOS

LNS

BECHLER

GAUTHIER



Kod produktu Order Nr. Bestell-Nr. Код товара	Typ Type	Zastosowanie Destination	ø D (mm)	G1 Gwint Thread	G2 Gwint Thread	L (mm)
SPHL.ERT.05.5	ERT 0550	TORNOS	5,5	M3	M3	54
SPHL.ERT.07	ERT 0700	TORNOS	7	M4	M5	47
SPHL.ERT.07.5	ERT 0750	TORNOS	7,5	M4	M5	47
SPHL.ERT.08.5	ERT 0850	TORNOS	8,5	M5	M5	47
SPHL.ERT.10.5	ERT 1050	TORNOS	10,5	M6	M6	52
SPHL.ERT.13.5	ERT 1350	TORNOS	13,5	M6	M6	52
SPHL.LNS.07	LNS L7	LNS / TRYTON	7	M5	M4	63
SPHL.LNS.12	LNS L12	LNS / TRYTON	12	M6	M6	72
SPHL.BECH.07	BECH L7 84	BECHLER	7	M5	M5	84
SPHL.BECH10.84	BECH L10 84	BECHLER	10	M5	M5	84
SPHL.BECH10.96	BECH L10 96	BECHLER	10	M5	M5	96
SPHL.GAU.05	GAU 5	GAUTHIER	5	M4	M4	80
SPHL.GAU.07	GAU 7	GAUTHIER	7	M5	M5	86