

EDGE

TECHNOLOGIES

Collets on pressure
Special collets
Pick-up collets
Guide bushings
Bar feed collets
CAV bar feed collets
Inside clamping sleeves
Rotating inserts
Turbo-bar feed collets
Turbo rotating inserts
VKK



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Custom Solutions

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Products

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SUMMARY.



S-Slot guide bushing

- Ideal if high-pressure cleaning is used in the machine, no chip and dirt debris in the guide bush
- Concentricity of the guide bush <0.005 mm
- Deviations of the material can be bypassed
- Ideal for square- and hex material
- Even guiding
- Guiding without marks on the material
- Easy to clean after the use



S-Slot collet

- Clamping without marks on the material
- Concentricity of the collet <0.005 mm
- Deviations of the material can be by-passed
- Ideal for square- and hex material
- High and even tension
- No debris in the collet, since it completely closes
- Easy to clean after the use



SB guide bushing

- Ideal for swiss type machines
- For materials with hard gliding properties, like titanium
- Prevents welding of guiding area and part (Stick-Slip-Effect)



BL guide bushing

- For titanium processing, has better gliding properties
- Ideal for smaller quantities, is the less expensive alternative to the SB guide bush
- Prevents the welding of the material in the guide bush



Brass-/ Synthetic- / Aluminum collets

- Prevents stains on the material
- Inserts are exchangeable after wearing and tearing
- Ideal for material sensitive to scratching and excellent for smooth pick-up



Long-nose guide bushing

- Improves the stability of the part, when used with power-tools, by shifting the guiding area forward



Special Collets

- Various special profiles, steps and adaptation to partial contours realizable



Overgripping collet

- Used on a pick-off spindle when it is required to clear a shoulder and grip on a smaller diameter beyond (over the shoulder collet)



Step collet

- Clamping on two different diameters possible
- Available for all collet types



Guide bush with extended HM-insert (carbide insert)

- Guiding surface up to 40 mm
- Machining of a bigger part spectrum
- High concentricity



Closed bar feed collets

- Reduces the changeover time due to complete use of the channel
- Higher holding time due to closed slots
- Available in all common models and also usable for profile material



Collets with carbide insert

- All the standard collets are available with carbide insert
- advantage: larger endurance

ALL COLLETS WITH THE FOLLOWING INNER CONTOURS AVAILABLE:



Smooth

- Standard up to $\varnothing 5,9$
- Bigger sizes also available in smooth with additional cost



Serrated

- Standard grooved from diameter $\varnothing 6,0$ and above



Serrated

- vertical & horizontal grooved (L & Q)

ALL COLLETS WITH THE FOLLOWING INNER CONTOURS AVAILABLE:



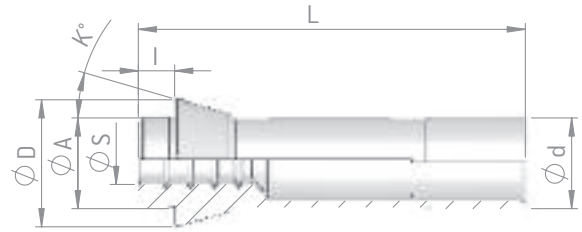
Carbide coating

- (inside)



Supergrip

DEAD LENGTH COLLETS SERIES 100



part no.	ϕd (mm)	ϕD (mm)	ϕA (mm)	length l (mm)	length L (mm)	cone α (degree)	inside shape	clamping range (mm)	increments (mm)
101 E F 8 TF8	8	12	8	5	42	16	●	1,0	
								1,5 - 2,5	0,5
								3,0 - 6,0	0,5
102 E	8	13,7	9	3	30	21	●	0,5 - 6,0	0,5
109 E F 10 TF10	10	15,5	10	5,5	47,5	20	●	0,5 - 0,9	0,1
								1,0	
								1,5 - 2,5	0,5
							3,0 - 7,0	0,5	
							● ■	PR	PR
112 E	11	18,7	12	6	41	22	●	0,5 - 8,0	0,5
								■	PR
116 E F 13	13	19	13	6	64	16	●	1,0 - 2,5	0,5
								3,0 - 10,0	0,5
							■	4,0 - 8,0	1,0
118 E	14	19,5	15	6	46	15	●	0,5 - 10,5	0,5
								■	PR
120 E F 15 TF15	15	21	15	6	64	16	●	0,5 - 0,9	0,1
								1,0 - 1,5	0,5
								2,0 - 2,5	0,5
								3,0 - 12,0	0,5
								12,5 - 13,0	0,5
							■	2,0 - 3,5	0,5
								4,0 - 8,0	0,5
	10,0								

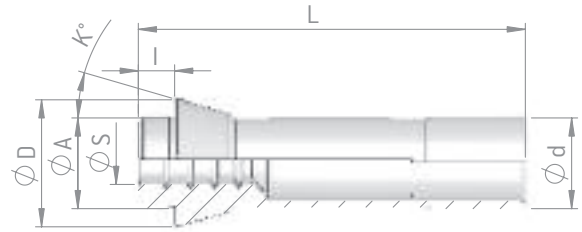
PR = per request

>> Table to be continued



Custom solutions can be delivered for all dead length collets.

DEAD LENGTH COLLETS SERIES 100



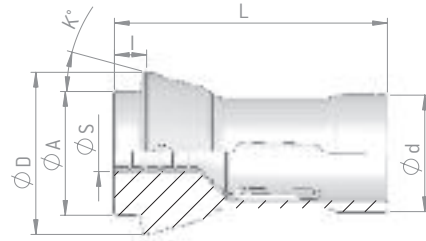
part no.	ϕd (mm)	ϕD (mm)	ϕA (mm)	length l (mm)	length L (mm)	cone α (degree)	inside shape	clamping range (mm)	increments (mm)	
1212 E F 16 TF16	16	21	16	6	64	16	●	0,5 - 0,9	0,1	
								1,0 - 2,5	0,5	
								3,0 - 12,0	0,5	
								● ■	3,0 - 10,0	1,0
136 E F 20-201	20	26	19	5	54	15	●	0,5 - 0,9	0,1	
								1,0 - 1,5	0,5	
								2,0 - 2,5	0,5	
								3,0 - 16,0	0,5	
								16,5 - 17,0	0,5	
								● ■	3,0 - 3,5	0,5
								4,5 - 7,5	1,0	
								●	4,0 - 14,0	1,0
								■	4,0 - 10,0	1,0
138 E F 20-87 TF20	20	28	21	7	67	16	●	0,5 - 0,9	0,1	
								1,0 - 1,5	0,5	
								2,0 - 2,5	0,5	
								3,0 - 16,0	0,5	
								16,5 - 17,0	0,5	
								● ■	4,0 - 6,0	1,0
								●	7,0 - 14,0	1,0
								■	7,0 - 11,0	1,0

>> Table to be continued



All collets mentioned in this catalog can be delivered with a long nose.

DEAD LENGTH COLLETS SERIES 100



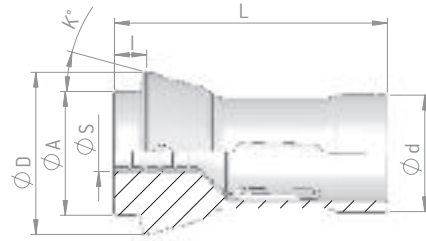
part no.	ϕd (mm)	ϕD (mm)	ϕA (mm)	length l (mm)	length L (mm)	cone α (degree)	inside shape	clamping range (mm)	increments (mm)	
140 E F 22 TF22	22	30	21	6	55	15	●	0,5 - 0,9	0,1	
								1,0		
								1,5 - 2,5	0,5	
								3,0 - 16,0	0,5	
								16,5 - 18,0	0,5	
								●	4,0 - 15,0	1,0
								■	4,0 - 10,0	1,0
145 E F 25 TF25	25	35	27	10	77	16	●	0,5 - 0,9	0,1	
								1,0		
								1,5 - 2,5	0,5	
								3,0 - 20,0	0,5	
								20,5 - 22,0	0,5	
								●	4,0 - 6,0	1,0
								●	7,0 - 17,0	1,0
■	7,0 - 14,0	1,0								
148 E F 28	28	38	28	7	70	15	●	1,5 - 2,5	0,5	
								3,0 - 24,0	0,5	
								24,5 & 25,0		
								●	4,0 - 6,0	1,0
								●	7,0 - 16,0	1,0
								●	17,0 & 19,0	
								●	18,0 & 20,0	
157 E F 30 TF30	30	42	34	10	80	16	●	0,5 - 2,9	0,1	
								3,0 - 24,5	0,5	
								25,0 - 27,0	0,5	
								●	5,0 - 6,5	0,5
								●	7,0 - 17,0 & 19,0	1,0
								●	18,0	
								●	20,0	
EF 30 1446 E	30	38	32	6	65	15	●	3,0 - 25,0	0,5	
								●	5,0 - 17,0 & 19,0	1,0

>> Table to be continued



All long nose collets can also be delivered with special tooling spaces

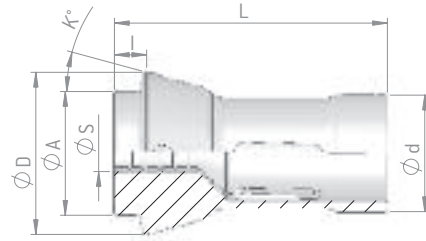
DEAD LENGTH COLLETS SERIES 100



part no.	ϕd (mm)	ϕD (mm)	ϕA (mm)	length l (mm)	length L (mm)	cone α (degree)	inside shape	clamping range (mm)	increments (mm)
161 E F 32	32	45	34	8	75	15	●	1,0 - 1,5	0,5
								2,0 - 2,5	0,5
								3,0 - 26,0	0,5
								26,5 & 27,0	
								28,0	
							⬡	4,0 - 16,0	1,0
								17,0 & 19,0 & 22,0	
								18,0 & 20,0 & 21,0	
							■	5,0 - 6,0	1,0
								7,0 - 16,0 & 18,0	1,0
								17,0 & 19,0	
							163 E F 35	35	48
2,0 - 2,5	0,5								
3,0 - 30,0	0,5								
30,5 - 32,0	0,5								
4,0 - 6,0	1,0								
⬡	7,0 - 17,0	1,0							
	18,0 & 20,0 & 21,0								
	23,0 & 25,0 & 26,0								
■	19,0 & 22,0 & 24,0 & 27,0								
	5,0 - 6,0	1,0							
	7,0 - 16,0 & 18,0	1,0							
	17,0 & 19,0								
■	20,0 - 22,0	1,0							
F 37 1536 E TF37	37	47	40	10	92	16	●	0,5 - 0,9	0,1
								1,0 - 2,5	0,5
								3,0 - 32,0	0,5
								32,5 - 33,0	0,5
							⬡	4,0 - 27,0	1,0
								4,0 - 23,0	1,0
							164 E F 38	38,08	49
3,0 - 32,0	1,0								
32,5 & 33,0									
⬡	4,0 - 6,0	1,0							
	7,0 - 27,0	1,0							
■	7,0 - 22,0	1,0							

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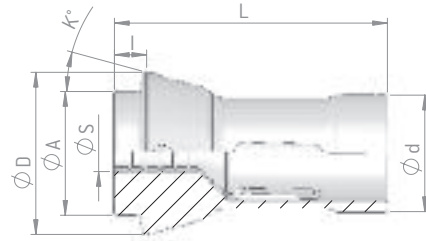
DEAD LENGTH COLLETS SERIES 100



part no.	ϕd (mm)	ϕD (mm)	ϕA (mm)	length l (mm)	length L (mm)	cone α (degree)	inside shape	clamping range (mm)	increments (mm)
171 E F 42	42	55	42	9	94	15	●	3,0 - 36,0	0,5
								36,5 - 38,0	0,5
							⬡	4,0 - 14,0	1,0
								15 & 16 & 18 & 20 & 21 & 23	
								25,0 - 31,0	1,0
								17,0 & 19,0 & 22,0 & 24,0	
■	4,0 - 14,0	1,0							
	15,0 - 26,0	1,0							
TF 43	43	53	46	10	92	16	●	3 - 38	1,0
								4 - 32	1,0
							■	4 - 27	1,0
173 E F 48	48	60	50	9	94	15	●	1,0	
								1,5 - 2,5	0,5
								3,0 - 42,0	0,5
								42,5 - 43,0	0,5
								4,0 - 5,5	0,5
							⬡	6,0	
								7,0 - 14,0	1,0
								17,0 & 19,0 & 22,0 & 24,0 & 27,0	
								15 & 16 & 18 & 20 & 21 & 23	
								25,0 & 26,0 & 28,0 & 29,0 & 31,0	
								33,0 - 35,0 & 37,0	1,0
							■	30,0 & 32,0 & 36,0	
								4,0 & 5,0	
								6,0	
								7,0 - 14,0	1,0
15,0 - 24,0 & 26,0	1,0								
25,0 & 27,0 - 30,0	1,0								

>> Table to be continued

DEAD LENGTH COLLETS SERIES 100



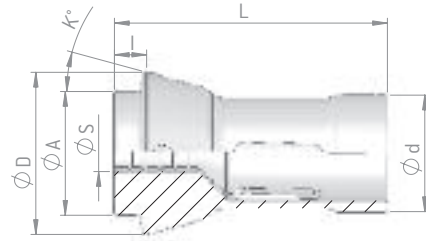
part no.	ϕd (mm)	ϕD (mm)	ϕA (mm)	length l (mm)	length L (mm)	cone α (degree)	inside shape	clamping range (mm)	increments (mm)
TF48	48	60	50	9	94	15	●	1,0 - 43	
							⬡	4 - 37	
							■	4 - 30	
BS38 komplett	48	54	44	10	100	15	●	1,0 - 40	1,0
							⬡	5 - 34	1,0
							■	5 - 28	1,0
177E F58	58	70	60	9	94	15	●	4,0 - 9,0	1,0
								10,0 - 52,0	1,0
								⬡	8,0 - 12,0
							⬡	13,0 - 22,0	1,0
								23,0 - 27,0	1,0
								28,0 - 36,0	1,0
								37,0 - 42,0	1,0
								43,0 - 44,0	1,0
								■	8,0 - 12,0
							■	13,0 - 22,0	1,0
								23,0 - 27,0	1,0
								30,0 - 36,0	1,0

>> Table to be continued



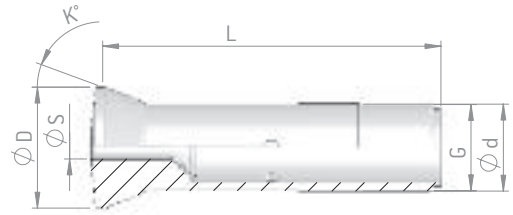
Try our collets sealed.

DEAD LENGTH COLLETS SERIES 100



part no.	ϕd (mm)	ϕD (mm)	ϕA (mm)	length l (mm)	length L (mm)	cone α (degree)	inside shape	clamping range (mm)	increments (mm)
185 E F 66	66	84	73	9	110	15	●	3,0 - 7,0	1,0
								8,0 - 60,0	1,0
								60,5 - 62,0	0,5
							short	61,0 - 65,0	1,0
							◆	8,0 - 17,0	1,0
								19,0 & 22,0 & 24,0 & 27,0	
								7,0 & 18,0 & 20,0 & 21,0 & 23,0	
								25,0 & 26,0 & 28,0 & 29,0 & 31,0	
								38,0 & 41,0	
								30,0 & 32,0 & 36,0	
								33,0 - 35,0	1,0
								37,0 & 39,0 & 40,0	
								42,0 - 55,0	1,0
							■	7,0 - 14,0	1,0
								15,0 - 19,0	1,0
								21,0 & 23,0 & 24,0 & 26,0 & 32,0	
20,0 & 22,0 & 25,0 & 28,0									
27 & 29 & 30 & 31 & 33 & 34									
35,0 - 41,0	1,0								
190 E F 88	88	106			115	15	●	60,0 - 80,0	1,0
193 E F 90	90	107			130	15	●	20,0 - 80,0	1,0

DRAW-IN COLLETS SERIES 300



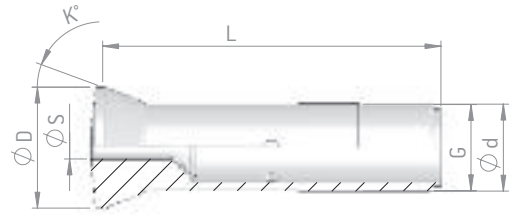
part no.	ϕd (mm)	ϕD (mm)	length L (mm)	cone α (degree)	thread G	inside shape	clamping range (mm)	increments (mm)
671 / 652	5	7	22,5	15	M 3,5 x 0,6	●	PR	PR
324 E	15	21,5	53	20	M 13 x 1	●	1,0	
							1,5 - 2,5	0,5
							3,0 - 13,0	0,5
358 E	23	32	82	20	M 21 x 1	●	0,5 - 0,9	0,1
							1,0	
							1,5 - 2,5	0,5
							3,0 - 20,0	0,5
							20,5 & 21,5	
						●	3,5	
							4,0 - 6,0	1,0
							4,5 - 6,5	1,0
●	7,0 - 14,0	1,0						
●	16,0 & 18,0							
359 E	23	32	90	20	Tr. 23 x 1,5	●	0,5 - 20,0	0,5
363 E	25	33,5	84	16	M 23 x 1	●	1,5 - 2,5	0,5
							3,0 - 22,0	0,5
366 E	28	36	102	18	Tr. 27 x 1/20"	●	PR	PR
							1,5 - 2,5	0,5
						●	3,0 - 23,0	0,5
367 E	28	38	100	20	Tr. 28 x 1,5	●	PR	PR
							1,5 - 2,5	0,5
							3,0 - 24,0	0,5
							0,5 - 0,9	0,1
						●	1,0	

PR = per request

>> Table to be continued

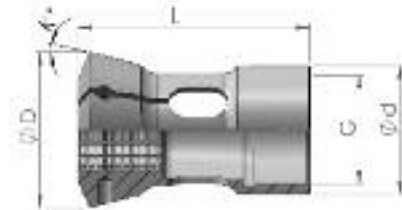
Custom solutions can be delivered for all draw-in collets.

DRAW-IN COLLETS SERIES 300



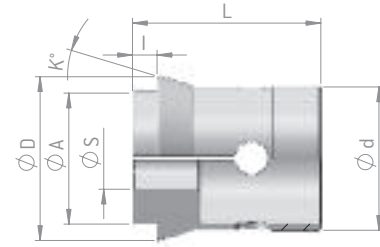
part no.	ϕd (mm)	ϕD (mm)	length L (mm)	cone α (degree)	thread G	inside shape	clamping range (mm)	increments (mm)
385 E	31,75	37,5	83	10	outer thread: 31,45 x 1/20"	●	1,5 - 2,5	0,5
							3,0 - 26,0	1,0
						■	4,0	
							●	5,0 - 6,0
						●		7,0 - 16,0
							●	5,5
						17,0 & 19,0 & 22,0		
						18,0 & 20,0 & 21,0 & 23,0		
						■	25,0 & 26,0	
							17,0 & 19,0	
18,0								
■	20,0 & 22,0							
	386 E	32	45	110	Tr. 32 x 1,5	●	1,0	
							1,5 - 2,5	0,5
3,0 - 29,0							0,5	
29,5 & 30,0								
●	PR	PR						

PR = per request



part no.	ϕd (mm)	ϕD (mm)	length L (mm)	cone α (degree)	thread G	inside shape	clamping range (mm)	increments (mm)
KDT 38	58	70,3	105	15	M50 x 1,5	●	8 - 44	1,0
B0385						●	10 - 36	1,0
						■	10 - 30	1,0

PICK-UP COLLETS

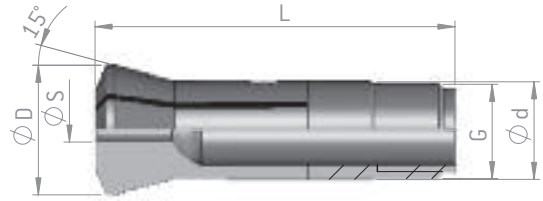


part no.	$\varnothing d$ (mm)	$\varnothing D$ (mm)	$\varnothing A$ (mm)	length l (mm)	length L (mm)	Type	Inside shape	clamping range (mm)	increments (mm)
75 - 81.1410	thread M 10 x 1	14	11	23	23	Gauthier	●	1,0 - 7,0	0,5
75 - 14.0498	thread M 12 x 1	18	12	23	23	Gauthier	●	1,0 - 10,0	0,5
M 105	12	14,5	10,5	6	21	Strohm	●	1,0 - 8,5	0,5
M 105 extended nose	12	14,5	10,5	variable	variable	Strohm	●	3,0 - 8,0	0,5
M 125	15	17	13	2	17	Strohm	●	1,0 - 12,0	0,5
M 125 extended nose	15	17	13	variable	variable	Strohm	●	1,0 - 12,0	0,5
694285	16	19	13	2,5	22	Traub	●	1,0 - 10,0	0,5
M 205	24	28	22	6	36	Strohm	●	2,5	
							●	3,0 - 20,0	0,5
612	35	40	32	6	46	TNS 28	●	1,0 - 5,5	PR
							●	6,0 - 30,0	0,5
612 M reinforced shaft	35	40	32	6	46	Manurhin K'MX	●	1,0 - 5,5	PR
							●	6,0 - 30,0	0,5
719976	45	58			56	TNS 60	●	PR	1,0
							●	PR	PR
721	46	54,75	48	6	65	TNS 30 / 42	●	1,0 - 7,5	PR
							●	8,0 - 42,0	1,0
952	61,5	71,5	62	6	65	TNM 65	●	5,0 - 19,0	1,0
							●	20,0 - 56,0	1,0
725070	71	85			79,5	TNS 65	●	8,0 - 65,0	1,0
722	44,4	55	42	8,5	55,5		●	3,0 - 7,0	1,0
								8,0 & 9,0	
								10,0 - 37,0	1,0

PR = per request

Custom solutions can be delivered for all pick-up collets.

DRAW-IN COLLETS-SW



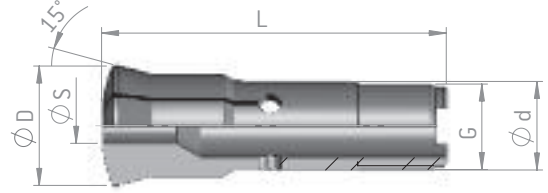
part no.	ϕd (mm)	ϕD (mm)	length L (mm)	thread G	inside shape	clamping range (mm)	increments (mm)
SW 20	20	26,3	73	$\phi 19,7 \times 1,666$ 45° / 5°	●	0,5 - 1,0	0,1
						1,5 - 2,5	0,5
						3,0 - 14,5	0,5
						14,5 - 16,0	0,5
					●	PR	PR
SW 25	25	33,7	97,6	$\phi 24,7 \times 1,693$ 45° / 5°	●	0,5 - 1,0	0,1
						1,5 - 2,5	0,5
						3,0 - 19,0	0,5
					●	PR	PR
SW 25 VB	25	33,7	112	$\phi 24,7 \times 1,693$ 45° / 5°	●	0,5 - 1,0	0,1
						1,5 - 2,5	0,5
						3,0 - 19,0	0,5
					●	PR	PR
SB 32	32	40	106	$\phi 25,7 \times 1,693$ 45° / 5°	●	3,0 - 23,5	0,5
						24 - 28,0	0,5
					●	PR	PR

PR = per request



Custom solutions can be delivered for all draw-in collets with extended nose.

DRAW-IN COLLETS-HYDROMAT



part no.	ϕd (mm)	ϕD (mm)	length L (mm)	thread G	inside shape	clamping range (mm)	steps clamping length	increments (mm)
SHW 20	20	26,3	96,5	$\phi 19,7 \times 1,666$ 45° / 5°	●	1,0 - 3,0	31	0,1
						3,5 - 13,5		0,5
						14,0 - 20,0		0,5
						● ■	a.A. / PR	PR
SHW 25	25	33,7	97,6	$\phi 24,7 \times 1,693$ 45° / 5°	●	1,0 - 3,0	31	0,1
						3,5 - 17,5		0,5
						18,0 - 25,0		0,5
						● ■	a.A. / PR	PR
SHB 32	32	40	106	$\phi 29,7 \times 1,693$ 45° / 5°	●	3,0 - 23,5	44	0,5
						24,0 - 28,0		0,5
						● ■	a.A. / PR	PR
SHB 32 / 45	32	53	122	$\phi 29,7 \times 1,693$ 45° / 5°	●	3,0 - 23,5	50	0,5
						24,0 - 41,0		0,5
						● ■	a.A. / PR	PR
SHB 45	45	53	115	M 42 x 1,5	●	3,0 - 36,0	53	0,5
						36,5 - 41,0		0,5
						● ■	a.A. / PR	PR

PR = per request

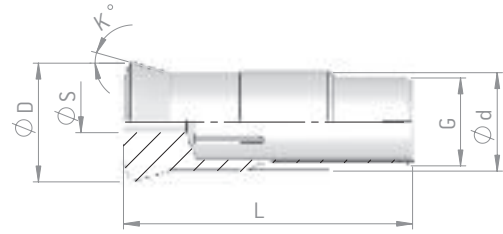


Custom solutions can be delivered for all draw-in collets-Hydrimat.

All draw-in collets-Hydrimat available in quick change version.



ADJUSTABLE GUIDE BUSHINGS WITH CARBIDE INSERT



part no.	ϕd (mm)	ϕD (mm)	length L (mm)	cone α (degree)	thread G	inside shape	clamping range (mm)	increments (mm)
F 351	9	13	50	30	M 8 x 0,6	●	0,8 - 5,5	0,1
I 351	9	12,5	44	16	M 8 x 0,75	●	0,8 - 5,6	0,1
F 352	11	15	50	30	M 10 x 0,6	●	1,0 - 7,5	0,1
I 352	11	14,5	53	16	M 10 x 0,8	●	1,0 - 7,0	0,1
F 3001 / TD7	11	14,5	53	16	M 10 x 0,75	●	1,0 - 7,0	0,1
F 103	12	16	50	30	M 12 x 1	●	1,0 - 7,5	0,1
T 340	13	16	41,5	15	M 12,5 x 0,75	●	1,0 - 8,0	0,1
T 330	14	18	63	16	M 13 x 0,75	●	1,0 - 9,0	0,1
I 353	16	19,5	59	16	M 14 x 1	●	1,0 - 10,5	0,1
TD10						●	3,0 - 10,0	1,0
						■	3,0 - 6,0	1,0
F 850	16	20	52	30	M 16 x 1	●	1,0 - 12,0	0,1
F 853	18	22	60	30	M 16 x 1	●	1,0 - 13,0	0,1
						●	4,0 - 13,0	1,0
						■	3,0 - 8,0	1,0
F 104	20	24	55	30	M 20 x 1	●	2,0 - 13,0	0,1
T 221	21	24	57,5	12	M 18 x 1	●	3,0 - 15,0	0,5
SNC15						●	4,0 - 12,0	1,0
						■	3,0 - 8,0	1,0
I 354	22	29	68	16	M 19 x 1	●	2,0 - 15,0	0,5
						●	4,0 - 13,0	1,0
						■	3,0 - 10,0	1,0
F 391	22	29	68	16	M 22 x 1	●	3,0 - 18,0	0,5
TD20 R						●	4,0 - 14,0	1,0
						■	3,0 - 12,0	1,0
F 605	24	29,5	61	30	M 24 x 1	●	2,0 - 17,0	0,5
0201						●	4,0 - 15,0	1,0
						■	3,0 - 12,0	1,0
TD 26	26	29	77	16	M 25 x 1	●	2,0 - 20,0	0,5
						●	4,0 - 16,0	1,0
						■	3,0 - 13,0	1,0

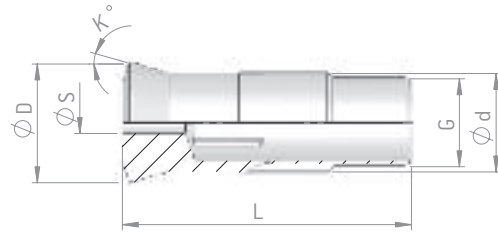
>> Table to be continued



Custom solutions can be delivered for all guide bushings.

All guide bushings available with enlarged guide area and oversize.

ADJUSTABLE GUIDE BUSHINGS WITH CARBIDE INSERT



part no.	ϕd (mm)	ϕD (mm)	length L (mm)	cone α (degree)	thread G	inside shape	clamping range (mm)	increments (mm)
T 223	28	34	82	16	M 25 x 1	●	3,0 - 21,0	0,5
TD25 NS							22,0	
TD 255						●	3,0 - 17,0	1,0
						■	3,0 - 14,0	1,0
T 223	28	34	82	16	M 27 x 1	●	22,0	
I 357	28	38	81	30	M 25 x 1	●	3,0 - 21,0	0,5
TD25						●	4,0 - 17,0	1,0
						■	3,0 - 14,0	1,0
F 355	32	39	71	30	M 32 x 1	●	3,0 - 22,0	0,5
T 227	34	41	87,5	10	M 34 x 1	●	3,0 - 25,0	0,5
CD25						●	4,0 - 22,0	1,0
						■	3,0 - 15,0	1,0
F 854	40	48	71	30	M 36 x 1	●	3,0 - 26,0	1,0
F 105	40	48	71	30	M 40 x 1	●	3,0 - 26,0	1,0
T 229	42	49	82	16	M 40 x 1	●	4 - 32,0	1,0
TD32 S							33,0	
						●	4,0 - 27,0	1,0
						■	3,0 - 25,0	1,0
TD 32	42	48	82	20	M 40 x 1	●	4,0 - 32,0	1,0
							33,0	
						●	4,0 - 27,0	1,0
						■	3,0 - 25,0	
ML 36	44	51	82	16	M 42 x 1	●	3,0 - 35,0	1,0
ST 38 / STM38	48	54	82	16	M 46 x 1	●	3,0 - 38,0	1,0



All guide bushings also available with BL-coating.

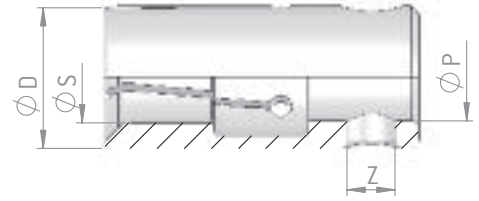


In S-Slot design.



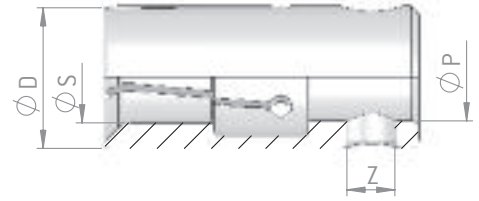
Guide bushing also in SB available.

CAV - BAR FEED COLLETS



part no.	Channel	ø D (mm)	ø Z (mm)	length L (mm)	clamping range (mm)
CAV 7	7	7	M6x1L	40	1,5 - 5,9
CAV 10	10	10	M6x1L	40	2,0 - 8,5
CAV 12	12	12	M6x1L	40	8,5 - 10,5
CAV 15	15	15	10	55	2,99 - 13,87
CAV 17	17	17	10	55	13,87 - 15,97
CAV 19	19	19	10	55	15,97 - 16,99
CAV21	21	21	10	55	17 - 19
CAV25	25	25	16	76	5,08 - 22,22
CAV32	32	25/32	16	76	15,5 - 29,5
CAV34	34	25/34	16	76	19 - 31

BAR FEED COLLETS FOR BAR LOADERS

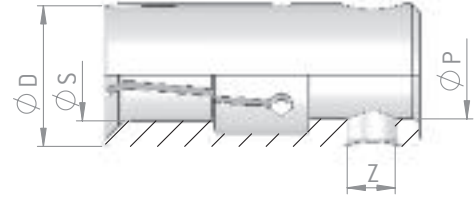


part no.	Channel	ø D (mm)	ø Z (mm)	ø P (mm)	length L (mm)	clamping range (mm)	increments (mm)
200 E	D 5	5 / 5,5		M 4	37	1,0 - 1,4	0,1
						1,5 - 4,5	0,1
208 E	D 7	7 / 7,5		M 5	37	1,0 - 1,4	0,1
						1,5 - 5,9	0,1
						6,0 - 6,2	0,1
Bechler	D 7	7		M 4	30	PR	PR
210 E	D 10	10	4	7 H 7	40	1,0 - 1,5	0,5
						2,0 - 3,5	0,5
						4,0 - 8,5	0,5
						9,0 - 10,0	0,5
Bechler	D 10	10		M 5	26	2,0 - 8,5	0,5
212 E	D 12	12	4	8 H 7	40	3,0 - 3,5	0,5
						4,0 - 9,5	0,5
						10,0 - 11,0	0,5
213 E	D 13	13	4	8 H 7	40	2,0 - 4,0	0,5
						4,5 - 12,0	0,5
203 E	D 15	15	6	11 H 7	40	3,0 - 3,5	0,5
						4,0 - 13,0	0,5
						13,5 - 14,0	0,5
SHK 16	D 16	16	6	11 H 7	40	3,0 - 3,5	0,5
						4,0 - 13,0	0,5
						13,5 - 15,0	0,5
218 E	D 18	18	6	11 H 7	40	3,0 - 4,5	0,5
						5,0 - 16,0	0,5
225 E	D 20	20	8	14 H 7	65	4,0 - 5,5	0,5
						6,0 - 18,0	0,5
						18,5 - 19,0	0,5
SHK 21	D 21	21	8	14 H 7	65	PR	PR
SHK 22	D 22	22	8	14 H 7	65	PR	PR
SHK 23	D 23	23	8	14 H 7	65	PR	PR
222 E	D 25	25	8	20 H 7	65	4,0 - 5,5	0,5
						6,0 - 23,0	0,5
						23,5 - 24,0	0,5
227 E	D 28	28	8	20 H 7	65	3,0 - 7,5	0,5
						8,0 - 25,0	1,0
						25,5 - 26,5	0,5

PR = per request

>> Table to be continued

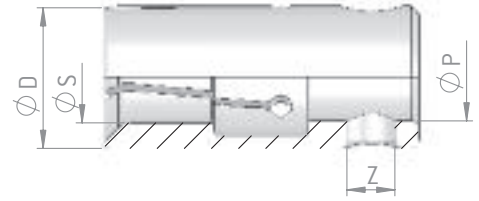
BAR FEED COLLETS FOR BAR LOADERS



part no.	Channel	ø D (mm)	ø Z (mm)	ø P (mm)	length L (mm)	clamping range (mm)	increments (mm)
SHK 30	D 30	30	8	20 H 7	65	6,0 - 9,5	0,5
						10,0 - 25,5	0,5
						26,0 - 28,0	0,5
SHK 32	D 32	32	8	20 H 7	65	6,0 - 9,5	0,5
						10,0 - 28,5	0,5
						29,0 - 30,0	0,5
SHK 34	D 34	34	8	20 H 7	65	10,0 - 32,0	0,5
SHK 36	D 36	36	8	20 H 7	65	8,0 - 9,5	0,5
						10,0 - 30,0	0,5
						30,5 - 33,0	0,5
						4,0 - 10,0	1,0
						4,5 - 10,5	1,0
						11,0 - 24,0	1,0
						11,5 - 21,5	1,0

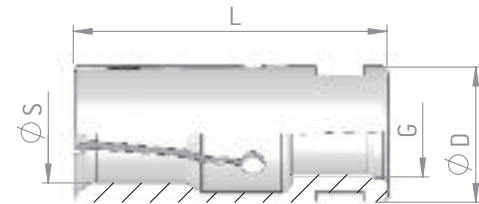
Additional cost for bar feed collets ◆ ■ from channel D 10 - D 36

TRAUB BAR FEED COLLETS



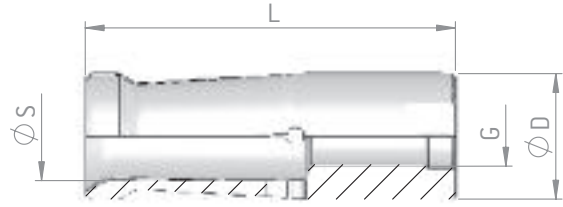
part no.	channel	ø D (mm)	thread G	length L (mm)	clamping range (mm)	increments (mm)
12 G	D 12	11	M 8 x 1	50	3,0 - 10,0	1,0
16 G	D 16	14	M 10 x 1	65	3,0 - 13,0	1,0
20 G	D 20	19	M 12 x 1	65	3,0 - 18,0	1,0
23 G	D 23	21	M 12 x 1	65	5,0 - 18,0	1,0
26 G	D 26	24	M 17 x 1	65	4,0 - 22,5	1,0
30 G	D 30	28	M 17 x 1	65	3,0 - 26,0	1,0
33 G	D 33	32	M 17 x 1	65	10,0 - 30,0	1,0
36 G	D 36	34	M 25 x 1,5	65	4,0 - 32,0	1,0

CUCCHI BAR FEED COLLETS



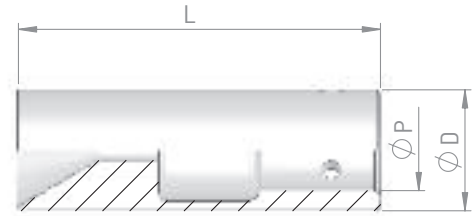
part no.	ø D (mm)	thread G	length L (mm)	clamping range (mm)
PB 28	28	M 18 x 1,5 L	65	10,0 - 26,0
PB 29	29	M 18 x 1,5 L	65	10,0 - 27,0
PB 30	30	M 18 x 1,5 L	65	10,0 - 28,0
PB 35	35	M 18 x 1,5 L	70	10,0 - 33,0
PB 36	36	M 18 x 1,5 L	70	10,0 - 34,0
PB 38	38	M 25 x 1,5 L	70	10,0 - 36,0
PB 41	41	M 25 x 1,5 L	70	20,0 - 39,0
PB 42	42	M 25 x 1,5	70	20,0 - 40,0

BAR FEED COLLETS EDGE & IEMCA STYLE



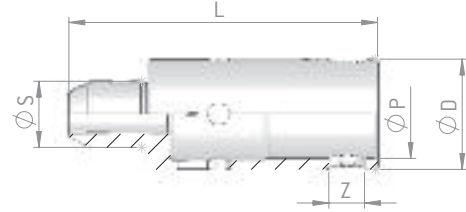
part no.	channel	ø D (mm)	thread G	length L (mm)	clamping range (mm)	increments (mm)
SE 7,5	D 7,5	7,5	M 5 x 0,5	40	2,0 - 6,5	0,5
SE 10	D 10	10	M 6 x 0,75	40	2,0 - 8,0	0,5
SE 12	D 12	12	M 7 x 0,75	42	2,0 - 10,0	0,5
SE 15	D 15	15	M 8 x 1	42	4,0 - 13,0	0,5
SE 16	D 16	16	M 8 x 1	42	7,0 - 14,0	0,5
SE 18	D 18	18	M 8 x 1	42	12,5 - 16,0	0,5
SE 20	D 20	20	M 10 x 1	59	4,0 - 18,0	0,5
SE 22	D 20	20	M 10 x 1	59	14,0 - 20,0	0,5
SE 23	D 23	23	M 10 x 1	59	14,0 - 21,0	0,5
SE 25	D 25	25	M 10 x 1	59	17,0 - 23,0	0,5
SE 27	D 27	27	M 10 x 1	59	19,0 - 25,0	0,5
SE 30	D 30	30	M 10 x 1	59	3,0 - 28,0	0,5
SE 32	D 32	32	M 25 x 1,5	78	25,0 - 30,0	0,5
SE 34	D 34	34	M 25 x 1,5	78	8,0 - 32,0	0,5
SE 35	D 35	35	M 25 x 1,5	78	20,0 - 33,0	0,5
SE 37	D 37	37	M 25 x 1,5	78	31,0 - 35,0	0,5
SE 38	D 38	38	M 25 x 1,5	78	31,0 - 35,0	0,5
SE 40	D 40	40	M 25 x 1,5	78	20,0 - 37,0	0,5
SE 42	D 42	42	M 25 x 1,5	78	20,0 - 40,0	0,5
SE 45	D 45	45	M 25 x 1,5	80	20,0 - 42,0	0,5
SE 46	D 46	46	M 25 x 1,5	80	20,0 - 44,0	0,5
SE 50	D 50	50	M 25 x 1,5	80	44,0 - 47,0	0,5
SE 51	D 51	51	M 25 x 1,5	80	43,0 - 48,0	0,5
SE 55	D 55	55	M 25 x 1,5	80	20,0 - 54,0	0,5
SE 56	D 56	56	M 25 x 1,5	80	20,0 - 54,0	0,5
SE 58	D 58	58	M 25 x 1,5	80	20,0 - 54,0	0,5
SE 60	D 60	60	M 25 x 1,5	80	20,0 - 57,0	0,5
SE 65	D 65	65	M 25 x 1,5	80	56,0 - 63,0	0,5
SE 70	D 70	70	M 25 x 1,5	80	60,0 - 68,0	0,5
SE 75	D 75	75	M 25 x 1,5	80	67,0 - 72,0	0,5

GUIDE SLEEVES FOR BAR LOADERS (VKK)



part no.	ø D (mm)	ø P (mm)	length L (mm)
VKK 10	10,3	7 H 7	40
VKK 12	12,3	8 H 7	40
VKK 15	15,3	11 H 7	40
VKK 20	20,3	14 H 7	65
VKK 25	25,3	20 H 7	65 / 90
VKK 28	28,3	20 H 7	65 / 90
VKK 30	30,3	20 H 7	65 / 90
VKK 32	32,3	20 H 7	65 / 90
VKK 36	36,3	20 H 7	65 / 90
VKK 38	38,3	20 H 7	65 / 90
VKK 40	40,3	20 H 7	65 / 90
VKK 42	42,3	20 H 7	90
VKK 45	45,3	20 H 7	90
VKK 50	50,3	20 H 7	90
VKK 60	60,3	20 H 7	90
VKK 65	65,3	20 H 7	90
VKK 67 up to 100			

INSIDE CLAMPING SLEEVES SHK



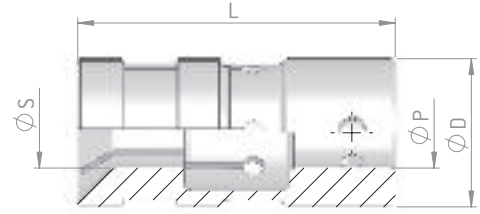
part no.	ø D (mm)	ø Z (mm)	ø P (mm)	length L (mm)	increments (mm)
SHKI 7	7		M 5	37	1,0
SHKI 10	10	4	7	40	1,0
SHKI 12	12	4	8	40	1,0
SHKI 15	15	6	11	40	1,0
SHKI 18	18	6	11	40	1,0
SHKI 20	20	8	14	65	1,0
SHKI 25	25	8	20	65	1,0
SHKI 28 up to SHKI 50	28 - 50	8	20	PR	PR

PR = per request



Inside clamping sleeves can also be delivered sealed.

FMB TURBO-BAR FEED COLLETS



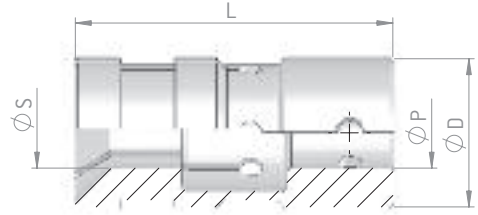
part no.	channel	o D (mm)	o P (mm)	length L (mm)	clamping range (mm)	increments (mm)
SHT 25	D 25	25	20 H 7	90	4,0 - 7,5	0,5
					8,0 - 20,0	0,5
					20,5 - 23,0	0,5
SHT 28	D 28	28	20 H 7	90	PR	PR
					PR	PR
SHT 30	D 30	30	20 H 7	90	5,0 - 8,0	1,0
					9,0 - 27,0	0,5
					27,5 - 28,0	0,5
SHT 32	D 32	32	20 H 7	90	5,0 - 8,5	0,5
					9,0 - 28,0	0,5
					28,5 - 30,0	0,5
SHT 34	D 34	34	20 H 7	90	PR	PR
SHT 35	D 35	35	20 H 7	90	PR	PR
SHT 36	D 36	36	20 H 7	90	6,0 - 9,0	1,0
					10,0 - 30,0	0,5
					30,5 - 33,0	0,5
					33,5 - 34,0	0,5
SHT 38	D 38	38	20 H 7	90	PR	PR
SHT 40	D 40	40	20 H 7	90	10,0 - 36,0	1,0
					36,5 - 38,0	PR
SHT 42	D 42	42	20 H 7	90	6,0 - 10,0	1,0
					11,0 - 39,0	0,5
					39,5 - 40,0	0,5
					40,5	
SHT 44	D 44	44	20 H 7	90	PR	PR
SHT 45	D 45	45	20 H 7	90	6,0 - 11,0	1,0
					12,0 - 42,0	1,0
					42,5 - 43,0	0,5
SHT 50	D 50	50	20 H 7	90	6,0 - 12,0	1,0
					13,0 - 44,0	1,0
					45,0 - 47,0	1,0
					47,5 - 48,0	0,5
SHT 54	D 54	54	20 H 7	90	PR	PR
SHT 55	D 55	55	20 H 7	90	PR	PR

PR = per request

FMB TURBO-BAR FEED COLLETS



Sample collet with spring for reinforcement



part no.	channel	o D (mm)	o P (mm)	length L (mm)	clamping range (mm)	increments (mm)
SHT 60	D 60	60	20 H 7	90	10,0 - 15,0	1,0
					16,0 - 55,0	1,0
					56,0 - 57,0	1,0
					58,0	
SHT 63	D 63	63	20 H 7	90	PR	PR
SHT 65	D 65	65	20 H 7	90	8,0 - 15,0	1,0
					16,0 - 60,0	1,0
					61,0 - 63,0	1,0
SHT 70	D 70	70	20 H 7	90	PR	PR
SHT 75	D 75	75	20 / 35 H 7	90	PR	PR
SHT 80	D 80	80	35 H 7	90	40,0 - 76,0	1,0
SHT 90	D 90	90	35 H 7	90	50,0 - 84,0	1,0
SHT 100	D 100	100	35 H 7	110	60,0 - 95,0	1,0
Additional cost for turbo-bar feed collets					4,0 - 10,0	1,0
					11,0 - 20,0	1,0
					21,0 - 30,0	1,0
					31,0 - 40,0	1,0
					from 41,0	PR

PR = per request

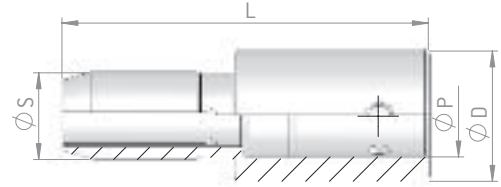
It is recommended to use turbo-bar feed collets from size D 40 with a spring.

All turbo-bar feed collets can be delivered in XT-version for XT-bar loaders.



Larger bore diameter also available in closed design.

INSIDE CLAMPING SLEEVES TURBO



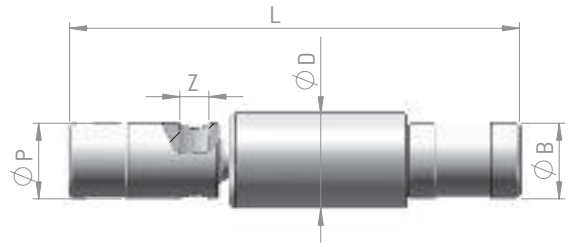
part no.	channel	ø D (mm)	ø P (mm)	length L (mm)	clamping range (mm)	increments (mm)
SHTI 25	D 25	25	20 H 7	90	10,0 - 20,0	1,0
					21,0 - 23,0	1,0
SHTI 28	D 28	28	20 H 7	90	PR	PR
SHTI 30	D 30	30	20 H 7	90	PR	PR
SHTI 32	D 32	32	20 H 7	90	PR	PR
SHTI 34	D 34	34	20 H 7	90	PR	PR
SHTI 35	D 35	35	20 H 7	90	PR	PR
SHTI 36	D 36	36	20 H 7	90	PR	PR
SHTI 38	D 38	38	20 H 7	90	PR	PR
SHTI 40	D 40	40	20 H 7	90	PR	PR
SHTI 42	D 42	42	20 H 7	90	PR	PR
SHTI 44	D 44	44	20 H 7	90	PR	PR
SHTI 45	D 45	45	20 H 7	90	PR	PR
SHTI 50	D 50	50	20 H 7	90	PR	PR
SHTI 54	D 54	54	20 H 7	90	PR	PR
SHTI 58	D 58	58	20 H 7	90	PR	PR
SHTI 60	D 60	60	20 H 7	90	PR	PR
SHTI 63	D 63	63	20 H 7	90	PR	PR
SHTI 65	D 65	65	20 H 7	90	PR	PR
SHTI 70	D 70	70	20 H 7	90	PR	PR
SHTI 75	D 75	75	20 / 35 H 7	90	PR	PR
SHTI 80	D 80	80	35 H 7	90	PR	PR
SHTI 90	D 90	90	35 H 7	90	PR	PR
SHTI 100	D 100	100	35 H 7	110	PR	PR

PR = per request



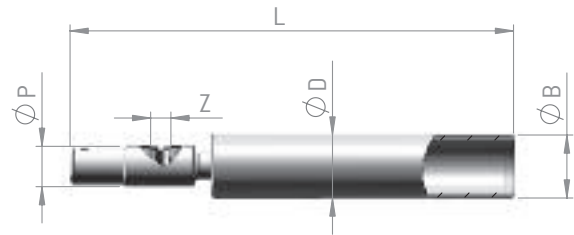
Inside clamping sleeves turbo can be delivered sealed.

ROTATING INSERTS FOR BAR LOADERS



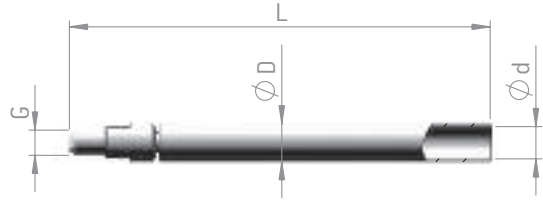
part no.	manufacturer	ø D (mm)	ø B (mm)	ø Z (mm)	ø P (mm)	entire length (mm)
D 10	FMB, lemca, Irco	10,5	8	4	7	100
D 12	FMB, lemca, Irco	12,5	8	4	8	100
D 13	FMB, lemca, Irco	13,5	8	4	8	100
D 15	FMB, lemca, Irco, Traub	15	12	6	11	100
D 18	FMB, lemca, Irco, Traub	18	12	6	11	100
D 20	FMB, lemca, Irco, Traub	20	17	8	14	116
D 22	FMB, lemca, Irco, Traub	22	17	8	14	116
D 25	FMB, lemca, Irco, Traub	25	20	8	20	119
D 30	FMB, lemca, Irco, Traub	30	20	8	20	119
D 32	FMB, lemca, Irco, Traub	32	20	8	20	119
D 36	FMB, lemca, Irco, Traub	36	20	8	20	119

ROTATING INSERTS FOR BAR LOADERS



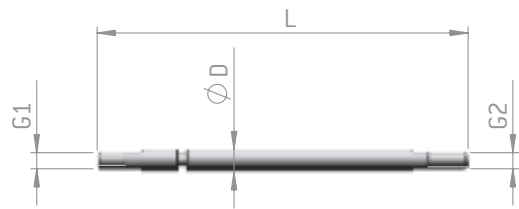
part no.	manufacturer	ø D (mm)	ø B (mm)	ø P (mm)	ø Z (mm)	entire length (mm)
D 10	Traub	10,5	9	7	4	88
D 12	Traub	12,5	11	8	4	88

ROTATING INSERTS FOR BAR LOADERS



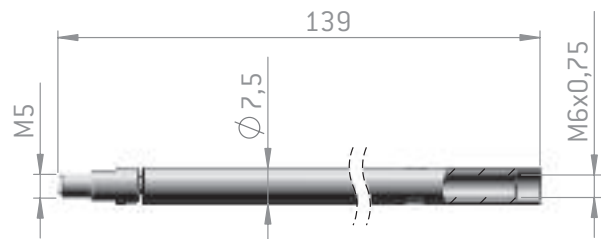
part no.	manufacturer	o D (mm)	thread G	o d (mm)	entire length (mm)
D 5	FMB, Traub	5,5	M 4	4,5	75
D 7	FMB, Traub	7,5	M 5	6,4	82

ROTATING INSERTS FOR BAR LOADERS EDGE STYLE



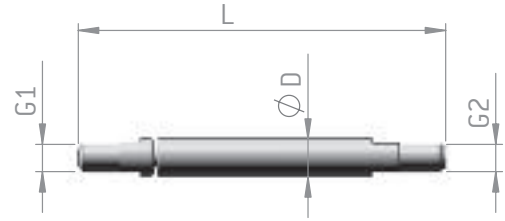
part no.	manufacturer	o D (mm)	thread G 1	thread G 2	entire length (mm)
D 5	lemca	5,5	M 4	M 4	90

ROTATING INSERTS IEMCA BAR LOADERS FOR SCHLENKER SYSTEM



part no.	manufacturer	o D (mm)	entire length (mm)
D 7	lemca - Schlenker adapter	7,5	139

ROTATING INSERTS FOR BAR LOADERS



part no.	manufacturer	ø D (mm)	thread G 1	thread G 2	entire length (mm)
ERT 0550	Tornos	5,5	M 3	M 3	54
ERT 0700	Tornos	7	M 4	M 5	47
ERT 0750	Tornos	7,5	M 4	M 5	47
ERT 0850	Tornos	8,5	M 5	M 5	47
ERT 1050	Tornos	10,5	M 6	M 6	52
ERT 1350	Tornos	13,5	M 6	M 6	72

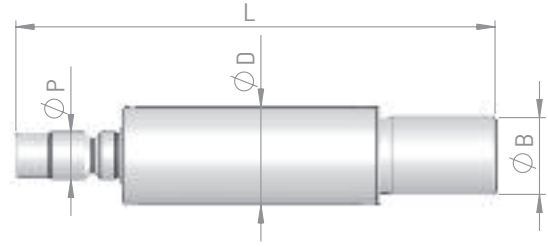
ROTATING INSERTS FOR BAR LOADERS

part no.	manufacturer	ø D (mm)	thread G 1	thread G 2	entire length (mm)
7 TR	LNS / Tryton	7	M 5	M 4	63
12 TR	LNS / Tryton	12	M 6	M 6	72

ROTATING INSERTS FOR BAR LOADERS

part no.	manufacturer	ø D (mm)	thread G 1	thread G 2	entire length (mm)
7 B	Bechler	7	M 5	M 5	84
10 B [A]	Bechler	10	M 5	M 5	84
10 B [B]	Bechler	10	M 5	M 5	96

FMB TURBO ROTATING INSERTS



part no.	ϕP (mm)	ϕD (mm)	ϕB (mm)	entirw length (mm)
D 25	20	25	20	196
D 30	20	30	25	196
D 32	20	32	25	196
D 34	20	34	30	196
D 36	20	36	30	196
D 38	20	38	30	196
D 40	20	40	33	206
D 42	20	42	33	206
D 44	20	44	33	206
D 45	20	45	33	206
D 50	20	50	42	206
D 54	20	54	42	206
D 55	20	55	42	206
D 58	20	58	51	231
D 60	20	60	51	231
D 63	20	63	51	231
D 65	20	65	51	231
D 70	20	70	51	231
D 75	20 / 35	75	65	231
D 80	35	80	65	231
D 90	35	90	65	231
D 100	35	100	82	231

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