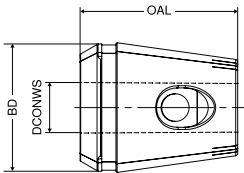


ER wedge collet with pull out protection, for precision collet chuck

- ▲ Similar to DIN ISO 15488-B
- ▲ Slotted
- ▲ Double taper collet

Centro-P WD	ER 5 µm
----------------	------------



BD = 32,7
OAL = 40
ER 32

Y8

Article no.
83 629 ...
EUR
91,57 120
91,57 140
91,57 160
91,57 180

DCONWS

mm	
12	
14	
16	
18	

Y8



Conical spring

Spare parts DCONWS

12 - 18	CP 32	EUR	4,61 455
---------	-------	-----	----------

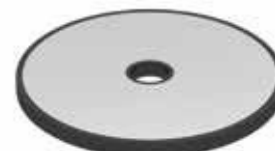
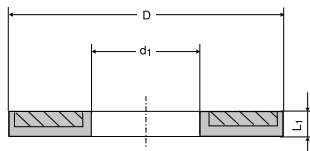
Article no. 83 950 ...

EUR
4,61 455

Sealing rings for precision collet chucks

- ▲ For sealing when using tools with internal cooling
- ▲ Sealing range: nominal diameter -0,1 mm / +0,4 mm
- ▲ Can be applied up to 80 bar

Centro-P



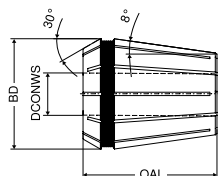
d ₁ mm	D = 12,6 L ₁ = 2 426E (ER16)		D = 15,8 L ₁ = 2 428E (ER20)		D = 20,2 L ₁ = 2 430E (ER25)		D = 26,2 L ₁ = 2 444E / OZ (ER32)		D = 34,2 L ₁ = 2 472E (ER40)	
	Y8		Y8		Y8		Y8		Y8	
	Article no. 83 690 ...		Article no. 83 694 ...		Article no. 83 691 ...		Article no. 83 692 ...		Article no. 83 693 ...	
	EUR		EUR		EUR		EUR		EUR	
1,0	18,31	010								
1,5	18,31	015								
2,0	18,31	020	19,00	020	18,31	020	19,00	020		
2,5	18,31	025	19,00	025	18,31	025	19,00	025		
3,0	14,98	030	15,59	030	14,98	030	15,59	030	19,00	030
3,5	14,98	035	15,59	035	14,98	035	15,59	035	19,00	035
4,0	14,98	040	15,59	040	14,98	040	15,59	040	19,00	040
4,5	14,98	045	15,59	045	14,98	045	15,59	045	19,00	045
5,0	14,98	050	15,59	050	14,98	050	15,59	050	19,00	050
5,5	14,98	055	15,59	055	14,98	055	15,59	055	19,00	055
6,0	14,98	060	15,59	060	14,98	060	15,59	060	19,00	060
6,5	14,98	065	15,59	065	14,98	065	15,59	065	19,00	065
7,0	14,98	070	15,59	070	14,98	070	15,59	070	19,00	070
7,5	14,98	075	15,59	075	14,98	075	15,59	075	19,00	075
8,0	14,98	080	15,59	080	14,98	080	15,59	080	19,00	080
8,5	14,98	085	15,59	085	14,98	085	15,59	085	19,00	085
9,0	14,98	090	15,59	090	14,98	090	15,59	090	19,00	090
9,5	14,98	095	15,59	095	14,98	095	15,59	095	19,00	095
10,0	14,98	100	15,59	100	14,98	100	15,59	100	19,00	100
10,5			15,59	105	14,98	105	15,59	105	19,00	105
11,0			15,59	110	14,98	110	15,59	110	19,00	110
11,5			15,59	115	14,98	115	15,59	115	19,00	115
12,0			15,59	120	14,98	120	15,59	120	19,00	120
12,5			15,59	125	14,98	125	15,59	125	19,00	125
13,0			15,59	130	14,98	130	15,59	130	19,00	130
13,5					14,98	135	15,59	135	19,00	135
14,0					14,98	140	15,59	140	19,00	140
14,5					14,98	145	15,59	145	19,00	145
15,0					14,98	150	15,59	150	19,00	150
15,5					14,98	155	15,59	155	19,00	155
16,0					14,98	160	15,59	160	19,00	160
16,5							15,59	165	19,00	165
17,0							15,59	170	19,00	170
17,5							15,59	175	19,00	175
18,0							15,59	180	19,00	180
18,5							15,59	185	19,00	185
19,0							15,59	190	19,00	190
19,5							15,59	195	19,00	195
20,0							15,59	200	19,00	200
20,5									19,00	205
21,0									19,00	210
21,5									19,00	215
22,0									19,00	220
22,5									19,00	225
23,0									19,00	230
23,5									19,00	235
24,0									19,00	240
24,5									19,00	245
25,0									19,00	250
25,5									19,00	255
26,0									19,00	260

Precision ER collet for precision collet chuck

- ▲ DIN ISO 15488-B (old DIN 6499-B)
- ▲ 12 times slotted
- ▲ Double taper collet
- ▲ Coloured ring as identification of precision collet
- ▲ ER08: 5 µm runout and repeatability

Centro-P
Coated

ER-B
2 µm



DCONWS	BD = 8,5 OAL = 13,6 4004 E / ER08		BD = 11,5 OAL = 18 4008 E / ER11		BD = 17 OAL = 27,5 426 E / ER16		BD = 26 OAL = 34 430 E / ER25		BD = 33 OAL = 40 470 E / ER32		BD = 41 OAL = 46 472 E / ER40	
	Y8		Y8		Y8		Y8		Y8		Y8	
	Article no. 84 577 ...		Article no. 84 585 ...		Article no. 84 596 ...		Article no. 84 597 ...		Article no. 84 598 ...		Article no. 84 599 ...	
mm	EUR		EUR		EUR		EUR		EUR		EUR	
1,0	64,87	010	62,35	010	61,84	010						
1,1					97,00	011						
1,2					97,00	012						
1,4					97,00	014						
1,5	64,87	015	62,35	015	61,84	015						
1,6					97,00	016						
1,8					97,00	018						
2,0	50,53	020	48,53	020	46,52	020	48,01	020	49,27	020		
2,2					85,97	022						
2,4					85,97	024						
2,5	50,53	025	48,53	025	46,52	025	48,01	025				
2,6					85,97	026						
2,8					85,97	028						
3,0	43,47	030	41,22	030	39,72	030 ¹⁾	40,72	030	41,22	030	68,36	030
3,2					76,42	032						
3,4					76,42	034						
3,5	43,47	035	41,22	035	56,82	035	59,82	035				
3,6					76,42	036						
3,8					76,42	038						
4,0	43,47	040	41,22	040	39,72	040 ¹⁾	40,72	040	41,22	040 ¹⁾	52,05	040
4,5	43,47	045	41,22	045	56,82	045	59,82	045				
5,0	43,47	050	41,22	050	39,72	050 ¹⁾	40,72	050	41,22	050	52,05	050
5,5			41,22	055	56,82	055	59,82	055				
5,6					76,42	056						
6,0			41,22	060	39,72	060 ¹⁾	40,72	060 ¹⁾	41,22	060 ¹⁾	52,05	060
6,3					76,42	063						
6,5			41,22	065	56,82	065	59,82	065				
7,0			41,22	070	39,72	070 ¹⁾	40,72	070	41,22	070	52,05	070
7,1					76,42	071						
7,5					56,82	075	59,82	075				
8,0					39,72	080 ¹⁾	40,72	080 ¹⁾	41,22	080 ¹⁾	52,05	080
8,5					56,82	085	59,82	085				
9,0					39,72	090	40,72	090	41,22	090	52,05	090
9,5					56,82	095	59,82	095				
10,0					39,72	100 ¹⁾	40,72	100 ¹⁾	41,22	100 ¹⁾	52,05	100
10,5							59,82	105				
11,0							40,72	110	41,22	110	52,05	110
11,5							59,82	115				
12,0							40,72	120 ¹⁾	41,22	120 ¹⁾	52,05	120
12,5							59,82	125				
13,0							40,72	130	41,22	130	52,05	130
13,5							59,82	135				
14,0							40,72	140 ¹⁾	41,22	140 ¹⁾	52,05	140
14,5							59,82	145				
15,0							40,72	150	41,22	150	52,05	150
15,5							59,82	155				
16,0							40,72	160 ¹⁾	41,22	160 ¹⁾	52,05	160
17,0									41,22	170	52,05	170
18,0									41,22	180	52,05	180
19,0									41,22	190	52,05	190
20,0									41,22	200 ¹⁾	52,05	200
21,0											52,05	210
22,0											52,05	220
23,0											52,05	230
24,0											52,05	240
25,0											52,05	250
26,0											52,05	260
Set in wooden box					253,40	999	305,70	999	351,90	999		

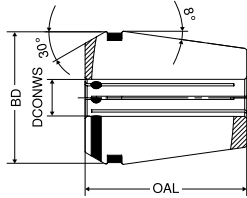
1) Included in the set

i Clamping range covered: H10 corresponding to shank Ø DCONWS

ER precision collet, sealed, for precision collet chuck

- ▲ Similar to DIN ISO 15488-A
- ▲ 8 slotted
- ▲ Coloured ring as identification of precision collet
- ▲ $p_{max} = 120 \text{ bar}$

Centro-P Coated	ER-A 2 μm
--------------------	-------------------------



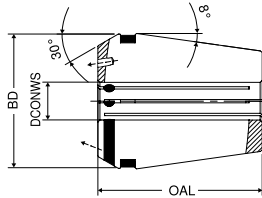
DCONWS mm	BD = 11,3 OAL = 18 425 E / ER11		BD = 16,7 OAL = 27,5 425 E / ER16		BD = 25,7 OAL = 34 429 E / ER25		BD = 32,7 OAL = 40 469 E / ER32		BD = 40,7 OAL = 46 471 E / ER40	
	Y8		Y8		Y8		Y8		Y8	
	Article no. 84 536 ...		Article no. 84 537 ...		Article no. 84 538 ...		Article no. 84 539 ...		Article no. 84 540 ...	
	EUR		EUR		EUR		EUR		EUR	
3	58,31	030	53,28	030	61,33	030	63,36	030		
4	58,31	040	53,28	040	56,31	040	58,31	040		
5	63,36	050	58,31	050	61,33	050	63,36	050		
6	58,31	060	53,28	060	56,31	060	58,31	060	66,35	060
7			58,31	070	61,33	070	63,36	070		
8			53,28	080	56,31	080	58,31	080	66,35	080
9			58,31	090	61,33	090	63,36	090		
10			53,28	100	56,31	100	58,31	100	66,35	100
11					61,33	110	63,36	110		
12					56,31	120	58,31	120	66,35	120
13					61,33	130	63,36	130		
14					56,31	140	58,31	140	66,35	140
15					61,33	150	63,36	150		
16					56,31	160	58,31	160	66,35	160
17							63,36	170		
18							58,31	180	66,35	180
19							63,36	190		
20							58,31	200	66,35	200
22									73,40	220
25									66,35	250

ER precision collet, sealed with coolant channels, for precision collet chuck

- ▲ Similar to DIN ISO 15488-A
- ▲ 8 slotted
- ▲ Coloured ring as identification of precision collet

Centro-P
Coated

ER-A
2 µm

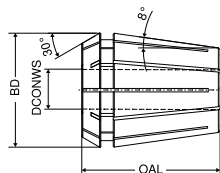


DCONWS	BD = 16,7 OAL = 27,5 425 E / ER16		BD = 25,7 OAL = 34 429 E / ER25		BD = 32,7 OAL = 40 469 E / ER32		BD = 40,7 OAL = 46 471 E / ER40	
	Y8 Article no. 84 548 ...		Y8 Article no. 84 549 ...		Y8 Article no. 84 550 ...		Y8 Article no. 84 551 ...	
mm	EUR		EUR		EUR		EUR	
4	78,40	040	83,44	040	86,48	040		
6	78,40	060	83,44	060	86,48	060		
8	78,40	080	83,44	080	86,48	080		
10			83,44	100	86,48	100	99,51	100
12			83,44	120	86,48	120	99,51	120
14			83,44	140	86,48	140		
16					86,48	160	99,51	160
18					86,48	180		
20					86,48	200	99,51	200
25							99,51	250

ER precision collet

- ▲ DIN ISO 15488-B (old DIN 6499-B)
- ▲ 12 times slotted
- ▲ Double taper collet

Coated

ER-B
5 µm

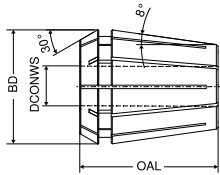
DCONWS	BD = 11,5 OAL = 18 4008 E / ER11		BD = 17 OAL = 27,5 426 E / ER16		BD = 21 OAL = 31,5 428 E / ER20		BD = 26 OAL = 34 430 E / ER25		BD = 33 OAL = 40 470 E / ER32		BD = 41 OAL = 46 472 E / ER40	
	Y8		Y8		Y8		Y8		Y8		Y8	
	Article no. 84 576 ...		Article no. 84 578 ...		Article no. 84 579 ...		Article no. 84 580 ...		Article no. 84 581 ...		Article no. 84 582 ...	
mm	EUR		EUR		EUR		EUR		EUR		EUR	
1,0	25,16	010	24,40	010	25,15	010 ¹⁾	26,49	010 ¹⁾				
1,5	25,16	015	24,40	015 ¹⁾	25,15	015 ¹⁾	26,49	015 ¹⁾				
2,0	25,16	020	24,40	020	25,15	020	26,49	020	28,00	020 ¹⁾		
2,5	25,16	025	24,40	025 ¹⁾	25,15	025 ¹⁾	26,49	025	28,00	025 ¹⁾		
3,0	20,40	030	19,25	030	19,91	030	20,40	030	21,73	030	37,70	030 ¹⁾
3,5	20,40	035										
4,0	20,40	040	19,25	040	19,91	040	20,40	040	21,73	040	28,03	040
4,5	20,40	045										
5,0	20,40	050	19,25	050	19,91	050	20,40	050	21,73	050	28,03	050
5,5	20,40	055										
6,0	20,40	060	19,25	060	19,91	060	20,40	060	21,73	060	28,03	060
6,5	20,40	065										
7,0	20,40	070	19,25	070	19,91	070	20,40	070	21,73	070	28,03	070
8,0			19,25	080	19,91	080	20,40	080	21,73	080	28,03	080
9,0			19,25	090	19,91	090	20,40	090	21,73	090	28,03	090
10,0			19,25	100	19,91	100	20,40	100	21,73	100	28,03	100
11,0					19,91	110	20,40	110	21,73	110	28,03	110
12,0					19,91	120	20,40	120	21,73	120	28,03	120
13,0					19,91	130	20,40	130	21,73	130	28,03	130
14,0							20,40	140	21,73	140	28,03	140
15,0							20,40	150	21,73	150	28,03	150
16,0							20,40	160	21,73	160	28,03	160
17,0									21,73	170	28,03	170
18,0									21,73	180	28,03	180
19,0									21,73	190	28,03	190
20,0									21,73	200	28,03	200
21,0											28,03	210
22,0											28,03	220
23,0											28,03	230
24,0											28,03	240
25,0											28,03	250
26,0											28,03	260
Set in wooden box	301,60	999	219,20	999	267,50	999	337,90	999	422,30	999	683,70	999

1) Not included in the set

i Clamping range covered: up to Ø 2 mm = 0.5 mm, from Ø 2.5 mm = 1 mm

ER collet

- ▲ DIN ISO 15488-B (old DIN 6499-B)
- ▲ 12 times slotted
- ▲ Double taper clamping

ER-B
10 µm

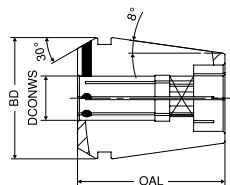
DCONWS	BD = 8,5 OAL = 13,6 4004 E / ER08		BD = 17 OAL = 27,5 426 E / ER16		BD = 26 OAL = 34 430 E / ER25		BD = 33 OAL = 40 470 E / ER32	
	Y8 Article no. 84 574 ...		Y8 Article no. 83 665 ...		Y8 Article no. 83 667 ...		Y8 Article no. 83 668 ...	
mm	EUR		EUR		EUR		EUR	
1,0	27,05	010 ¹⁾	19,57	010				
1,0								
1,5	27,05	015 ¹⁾	19,57	020	21,37	020		
2,0								
2,0	27,05	020 ¹⁾						
2,5	27,05	025 ¹⁾						
3,0	22,63	030 ¹⁾						
3,0			15,53	030	16,31	030	17,55	030
3,5	22,63	035 ¹⁾						
4,0	22,63	040 ¹⁾						
4,0			15,53	040	16,31	040	17,55	040
4,5	22,63	045 ¹⁾						
5,0	22,63	050 ¹⁾						
5,0			15,53	050	16,31	050	17,55	050
6,0			15,53	060	16,31	060	17,55	060
7,0			15,53	070	16,31	070	17,55	070
8,0			15,53	080	16,31	080	17,55	080
9,0			15,53	090	16,31	090	17,55	090
10,0			15,53	100	16,31	100	17,55	100
11,0					16,31	110	17,55	110
12,0					16,31	120	17,55	120
13,0					16,31	130	17,55	130
14,0					16,31	140	17,55	140
15,0					16,31	150	17,55	150
16,0					16,31	160	17,55	160
17,0							17,55	170
18,0							17,55	180
19,0							17,55	190
20,0							17,55	200
Set in wooden box	238,30	999 ¹⁾						

1) Type Coated - coated collet

i Clamping range covered: up to Ø 2 mm = 0.5 mm, from Ø 3 mm = 1 mm

ER precision tap collet

- ▲ Similar to DIN ISO 15488-A
- ▲ 8 slotted
- ▲ For Centro-P and standard collet chucks
- ▲ $p_{\max.} = 120$ bar

Coated ER-A
10 μm 

DCONWS

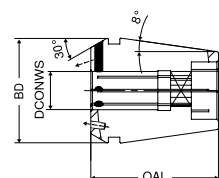
mm
2,8
3,5
4,0
4,5
6,0
7,0
8,0
9,0
10,0
11,0
12,0
14,0
16,0
18,0
20,0

BD = 16,7 OAL = 27,5 4031 E / ER16	BD = 25,7 OAL = 34 4282 E / ER25	BD = 32,7 OAL = 40 4537 E / ER32
--	--	--

Y8	Y8	Y8
Article no.	Article no.	Article no.
84 531 ...	84 533 ...	84 534 ...
EUR	EUR	EUR
50,70 028		
43,25 035	47,47 035	
43,25 040	47,47 040	52,20 040
43,25 045	47,47 045	52,20 045
43,25 060	47,47 060	52,20 060
43,25 070	47,47 070	52,20 070
43,25 080	47,47 080	52,20 080
43,25 090	47,47 090	52,20 090
	47,47 100	52,20 100
	47,47 110	52,20 110
	47,47 120	52,20 120
	47,47 140	52,20 140
	47,47 160	52,20 160
		52,20 180
		52,20 200

ER precision collet, sealed with coolant channels

- ▲ Similar to DIN ISO 15488-A
- ▲ 8 slotted
- ▲ For Centro-P and standard collet chucks

Coated ER-A
10 μm 

DCONWS

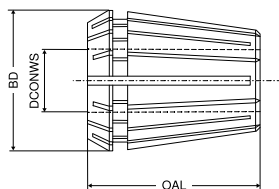
mm
3,5
4,5
6,0
7,0
8,0
9,0
10,0
11,0
12,0
14,0
16,0
18,0
20,0

BD = 16,7 OAL = 27,5 4537 E / ER16	BD = 25,7 OAL = 34 4537 E / ER25	BD = 32,7 OAL = 40 4537 E / ER32
--	--	--

Y8	Y8	Y8
Article no.	Article no.	Article no.
84 567 ...	84 568 ...	84 569 ...
EUR	EUR	EUR
69,39 035		
69,39 045	76,41 045	82,44 045
69,39 060	76,41 060	82,44 060
69,39 070	76,41 070	82,44 070
69,39 080	76,41 080	82,44 080
	76,41 090	82,44 090
	76,41 100	82,44 100
	76,41 110	82,44 110
	76,41 120	82,44 120
	76,41 140	82,44 140
		82,44 160
		82,44 180
		82,44 200

ER precision collet

- ▲ DIN ISO 15488-B (old DIN 6499-B)
- ▲ Double taper collet
- ▲ 16 times slotted

ER-B
20 µm

		BD = 17 OAL = 27,5 426 E / ER16		BD = 21 OAL = 31,5 428 E / ER20		BD = 26 OAL = 34 430 E / ER25		BD = 33 OAL = 40 470 E / ER32		BD = 41 OAL = 46 472 E / ER40	
DCONWS	mm	Y8		Y8		Y8		Y8		Y8	
		Article no. 82 673 ... EUR		Article no. 82 674 ... EUR		Article no. 82 675 ... EUR		Article no. 82 676 ... EUR		Article no. 82 677 ... EUR	
	1	15,62	01000	16,15	01000 ¹⁾						
	2	15,62	02000	16,15	02000 ¹⁾	16,77	02000 ¹⁾				
	3	12,69	03000	11,74	03000	12,58	03000	13,53	03000	17,09	03000
	4	12,69	04000	11,74	04000	12,58	04000	13,53	04000	17,09	04000
	5	12,69	05000	11,74	05000	12,58	05000	13,53	05000	17,09	05000
	6	12,69	06000	11,74	06000	12,58	06000	13,53	06000	17,09	06000
	7	12,69	07000	11,74	07000	12,58	07000	13,53	07000	17,09	07000
	8	12,69	08000	11,74	08000	12,58	08000	13,53	08000	17,09	08000
	9	12,69	09000	11,74	09000	12,58	09000	13,53	09000	17,09	09000
	10	12,69	10000	11,74	10000	12,58	10000	13,53	10000	17,09	10000
	11			11,74	11000	12,58	11000	13,53	11000	17,09	11000
	12			11,74	12000	12,58	12000	13,53	12000	17,09	12000
	13			11,74	13000	12,58	13000	13,53	13000	17,09	13000
	14					12,58	14000	13,53	14000	17,09	14000
	15					12,58	15000	13,53	15000	17,09	15000
	16					12,58	16000	13,53	16000	17,09	16000
	17							13,53	17000	17,09	17000
	18							13,53	18000	17,09	18000
	19							13,53	19000	17,09	19000
	20							13,53	20000	17,09	20000
	21									17,09	21000
	22									17,09	22000
	23									17,09	23000
	24									17,09	24000
	25									17,09	25000
	26									17,09	26000
	Set in wooden box	140,60	99900	151,00	99900	198,20	99900	243,30	99900	411,10	99900

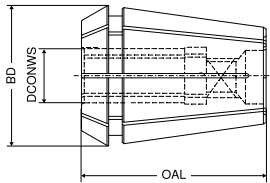
1) Not included in the set

i Clamping range covered: up to Ø 3 mm = 0.5 mm, from Ø 4 mm = 1 mm

ER collet with internal square

- ▲ DIN ISO 15488-A (old DIN 6499-A)
- ▲ 8 times slotted
- ▲ Double taper collets for holding taps on synchronised spindle machines, without compensating lengths

ER-A
15 µm



DCONWS

mm	Y8 Article no. 82 650 ... EUR	Y8 Article no. 82 651 ... EUR	Y8 Article no. 82 652 ... EUR
4,5	33,24 04500	36,39 04500	
5,5	33,24 05500	36,39 05500	
6,0	33,24 06000	36,39 06000	
7,0	33,24 07000	36,39 07000	43,52 07000
8,0	33,24 08000	36,39 08000	43,52 08000
9,0	33,24 09000	36,39 09000	43,52 09000
10,0	33,24 10000	36,39 10000	43,52 10000
11,0	33,24 11000	36,39 11000	43,52 11000
12,0	33,24 12000	36,39 12000	43,52 12000
14,0		36,39 14000	43,52 14000
16,0		36,39 16000	43,52 16000
18,0			43,52 18000
20,0			43,52 20000

Wooden boxes for collets

- ▲ For collets form A+B

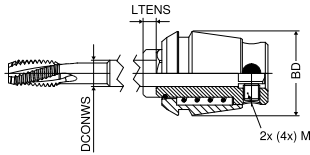


Size	Piece	Y8 Article no. 83 689 ... EUR
4004 E / ER08	9	14,47 008
4008 E / ER11	13	14,47 011
426 E / ER16	10	20,77 116
428 E / ER20	11	23,07 020
430 E / ER25	14	25,90 025
470 E / ER32	18	25,90 032
472 E / ER40	24	32,61 040

Tapping Collet Form ET (ER) with length compensation

- ▲ DIN ISO 15488 (old DIN 6499)
- ▲ With pull out length compensation (LTENS)
- ▲ The spring force is adapted to the thread size
- ▲ Anti-rotation by 2 and/or 4 clamping screws on the shank square drive

ER
10 µm



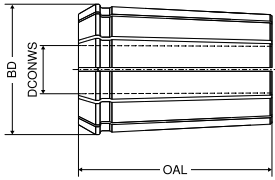
DCONWS	BD = 17 LTENS = 7 426 E / ER16		BD = 21 LTENS = 7 428 E / ER20		BD = 26 LTENS = 8 430 E / ER25		BD = 33 LTENS = 10 470 E / ER32		BD = 41 LTENS = 13 472 E / ER40	
	Y7		Y7		Y7		Y7		Y7	
	Article no.		Article no.		Article no.		Article no.		Article no.	
	80 661 ...		80 662 ...		80 663 ...		80 664 ...		80 665 ...	
mm	EUR		EUR		EUR		EUR		EUR	
2,2	87,48	022	87,48	022						
2,5	87,48	025	87,48	025	91,48	025				
2,8	87,48	028	87,48	028	91,48	028				
3,0	87,48	030	87,48	030	91,48	030				
3,5	87,48	035	87,48	035	91,48	035				
4,0	87,48	040	87,48	040	91,48	040				
4,5	87,48	045	87,48	045	91,48	045	97,51	045		
5,0							97,51	050		
5,5	87,48	055	87,48	055	91,48	055	97,51	055		
6,0	87,48	060	87,48	060	91,48	060	97,51	060	112,60	060
7,0			87,48	070	91,48	070	97,51	070	112,60	070
8,0					91,48	080	97,51	080	112,60	080
9,0					91,48	090	97,51	090	112,60	090
10,0					91,48	100	97,51	100	112,60	100
11,0							97,51	110	112,60	110
12,0							97,51	120	112,60	120
14,0									112,60	140
16,0									112,60	160

i When using CNC machines apply canned cycles with a feed rate or pitch of only 95 % with small threads and up to 99 % with large threads. In this way when reversing the rotation of the spindle an optimum length compensation in both directions is guaranteed.

OZ Precision collet for precision collet chuck

- ▲ DIN ISO 10897-B (old DIN 6388-B)
- ▲ $\varnothing = 10\text{ mm}$ 10 slots, $\varnothing > 10\text{ mm}$ 12 slots
- ▲ Double angle collets

OZ-B 3 μm	Centro-P
--	-----------------



BD = 35,05
OAL = 52
462 E / OZ

DCONWS

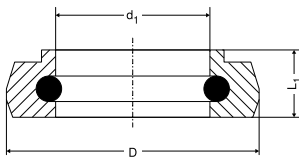
mm	EUR	Article no.
3	50,29	83 660 ...
4	50,29	030
6	50,29	040
8	50,29	060
10	50,29	080
12	50,29	100
14	50,29	120
16	50,29	140
18	50,29	160
20	50,29	180
25	50,29	200
		250

i Clamping range covered: H10 corresponding to shank $\varnothing$ DCONWS

Sealing ring for OZ Collet Chuck 462E

- ▲ For use for sealing tools with through coolant
- ▲ Seal diameter: Nominal diameter - 0.5 mm
- ▲ Use up to 150 bar

OZ-B 5 μm
--



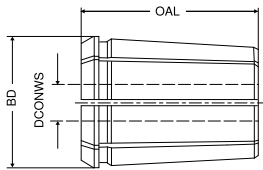
D = 31
L₁ = 4
462E

d ₁ mm	EUR	Article no.
4	20,30	83 675 ...
5	20,30	040
6	20,30	050
8	20,30	060
10	20,30	080
12	20,30	100
14	20,30	120
16	20,30	140
18	20,30	160
20	20,30	180
22	20,30	200
25	20,30	220
		250

OZ-collets

▲ DIN ISO 10897-B (old DIN 6388-B)

▲ Ø = 10 mm 10 slots, Ø > 10 mm 12 slots

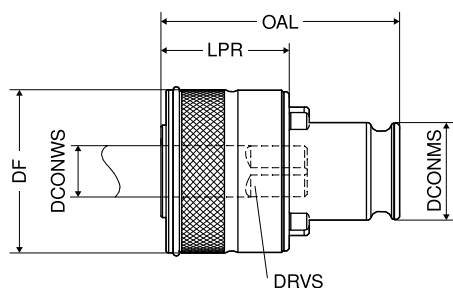


DCONWS mm	OZ-B 6 µm		OZ-B 6 µm		OZ-B 10 µm		OZ-B 20 µm		OZ-B 20 µm		OZ-B 20 µm	
	BD = 25,5 OAL = 40 415 E / OZ		BD = 35,05 OAL = 52 462 E / OZ		BD = 43,7 OAL = 60 467 E / OZ		BD = 25,5 OAL = 40 415 E / OZ		BD = 35,05 OAL = 52 462 E / OZ		BD = 43,7 OAL = 60 467 E / OZ	
	Y8 Article no. 83 651 ...		Y8 Article no. 83 652 ...		Y8 Article no. 83 653 ...		Y8 Article no. 82 653 ...		Y8 Article no. 82 654 ...		Y8 Article no. 82 655 ...	
	EUR		EUR		EUR		EUR		EUR		EUR	
2,0							22,55	02000	25,69	02000		
2,5							22,55	02500	25,69	02500		
3,0	22,52	030					18,04	03000	21,60	03000		
3,5							18,04	03500	21,60	03500		
4,0	22,52	040	26,50	040			18,04	04000	21,60	04000	33,76	04000
4,5							18,04	04500	21,60	04500	33,76	04500
5,0	22,52	050	26,50	050			18,04	05000	21,60	05000	33,76	05000
5,5							18,04	05500	21,60	05500	33,76	05500
6,0	22,52	060	26,50	060			18,04	06000	21,60	06000	33,76	06000
6,5							18,04	06500	21,60	06500	33,76	06500
7,0							18,04	07000	21,60	07000	33,76	07000
7,5							18,04	07500	21,60	07500	33,76	07500
8,0	22,52	080	26,50	080			18,04	08000	21,60	08000	33,76	08000
8,5							18,04	08500	21,60	08500	33,76	08500
9,0							18,04	09000	21,60	09000	33,76	09000
9,5							18,04	09500	21,60	09500	33,76	09500
10,0	22,52	100	26,50	100	34,29	100	18,04	10000	21,60	10000	33,76	10000
10,5							18,04	10500	21,60	10500	33,76	10500
11,0							18,04	11000	21,60	11000	33,76	11000
11,5							18,04	11500	21,60	11500	33,76	11500
12,0	22,52	120	26,50	120	34,29	120	18,04	12000	21,60	12000	33,76	12000
12,5							18,04	12500	21,60	12500	33,76	12500
13,0							18,04	13000	21,60	13000	33,76	13000
13,5							18,04	13500	21,60	13500	33,76	13500
14,0			26,50	140	34,29	140	18,04	14000	21,60	14000	33,76	14000
14,5							18,04	14500	21,60	14500	33,76	14500
15,0							18,04	15000	21,60	15000	33,76	15000
15,5							18,04	15500	21,60	15500	33,76	15500
16,0	22,52	160	26,50	160	34,29	160	18,04	16000	21,60	16000	33,76	16000
16,5									21,60	16500	33,76	16500
17,0									21,60	17000	33,76	17000
17,5									21,60	17500	33,76	17500
18,0			26,50	180	34,29	180			21,60	18000	33,76	18000
18,5									21,60	18500	33,76	18500
19,0									21,60	19000	33,76	19000
19,5									21,60	19500	33,76	19500
20,0			26,50	200	34,29	200			21,60	20000	33,76	20000
20,5									21,60	20500	33,76	20500
21,0									21,60	21000	33,76	21000
21,5									21,60	21500	33,76	21500
22,0									21,60	22000	33,76	22000
22,5									21,60	22500	33,76	22500
23,0									21,60	23000	33,76	23000
23,5									21,60	23500	33,76	23500
24,0									21,60	24000	33,76	24000
24,5									21,60	24500	33,76	24500
25,0			26,50	250	34,29	250			21,60	25000	33,76	25000
25,5											33,76	25500
26,0											33,76	26000
26,5											33,76	26500
27,0											33,76	27000
27,5											33,76	27500
28,0											33,76	28000
28,5											33,76	28500
29,0											33,76	29000
29,5											33,76	29500
30,0					34,29	300					33,76	30000
30,5											33,76	30500
31,0											33,76	31000
31,5											33,76	31500
32,0					34,29	320					33,76	32000

i The collet has a clamping range of 0.5 mm (+0.1 / -0.4 mm)

Quick change tap adapter with overload clutch

- ▲ Adapter with adjustable overload clutch
- ▲ For use with taps



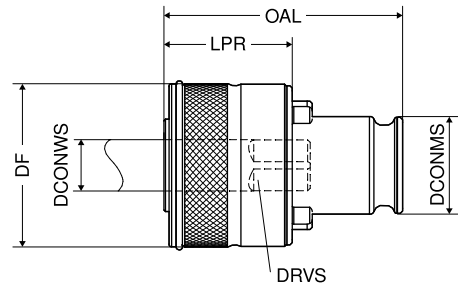
A

Y8

SZID	DCONWS	DRVS	DIN 371	DIN 374 / 376	DF	DCONMS	OAL	LPR	Article no. 83 612 ...
	mm	mm			mm	mm	mm	mm	EUR
01	2,8	2,1	M2		33	19	46,5	25	51,28 100
01	2,8	2,1	M2,5		33	19	46,5	25	51,28 101
01	3,5	2,7	M3		33	19	46,5	25	51,28 102
01	4,0	3,0	M3,5		33	19	46,5	25	51,28 103
01	4,5	3,4	M4		33	19	46,5	25	51,28 104
01	6,0	4,9	M4,5		33	19	46,5	25	51,28 105
01	6,0	4,9	M5		33	19	46,5	25	51,28 106
01	4,5	3,4		M6	33	19	46,5	25	51,28 107
01	6,0	4,9	M6		33	19	46,5	25	51,28 108
01	5,5	4,3		M7	33	19	46,5	25	51,28 109
01	7,0	5,5	M7		33	19	46,5	25	51,28 110
01	6,0	4,9		M8	33	19	46,5	25	51,28 111
01	8,0	6,2	M8		33	19	46,5	25	51,28 112
01	9,0	7,0	M9		33	19	46,5	25	51,28 113
01	7,0	5,5		M10	33	19	46,5	25	51,28 114
01	10,0	8,0	M10		33	19	46,5	25	51,28 115
01	8,0	6,2		M11	33	19	46,5	25	51,28 116
01	9,0	7,0		M12	33	19	46,5	25	51,28 117
02	6,0	4,9	M4,5 - M6		50	31	69,0	34	66,69 200
02	6,0	4,9	M7 (DIN 352)		50	31	69,0	34	66,69 201
02	7,0	5,5	M7		50	31	69,0	34	66,69 202
02	6,0	4,9		M8	50	31	69,0	34	66,69 203
02	8,0	6,2	M8		50	31	69,0	34	66,69 204
02	9,0	7,0	M9		50	31	69,0	34	66,69 205
02	7,0	5,5		M10	50	31	69,0	34	66,69 206
02	10,0	8,0	M10		50	31	69,0	34	66,69 207
02	8,0	6,2		M11	50	31	69,0	34	66,69 208
02	9,0	7,0		M12	50	31	69,0	34	66,69 209
02	11,0	9,0		M14	50	31	69,0	34	66,69 210
02	12,0	9,0		M16	50	31	69,0	34	66,69 211
02	14,0	11,0		M18	50	31	69,0	34	66,69 212
02	16,0	12,0		M20	50	31	69,0	34	66,69 213

Quick change tap adapter with overload clutch, with through coolant

- ▲ Adapter with adjustable overload clutch
- ▲ For use with taps



AD

Y8

Article no.
83 616 ...

EUR

SZID	DCONWS	DRVS	DIN 371	DIN 374 / 376	DF	DCONMS	OAL	LPR		
	mm	mm			mm	mm	mm	mm		
01	3,5	2,7	M3	M4,5 - M5	33	19	46,5	25		
01	4,5	3,4	M4	M6	33	19	46,5	25		
01	5,5	4,3		M7	33	19	46,5	25		
01	6,0	4,9	M4,5 - M6	M8	33	19	46,5	25		
01	7,0	5,5	M7	M10	33	19	46,5	25		
01	8,0	6,2	M8	M11	33	19	46,5	25		
01	9,0	7,0	M9	M12	33	19	46,5	25		
01	10,0	8,0	M10		33	19	46,5	25		
01	11,0	9,0		M14	33	19	46,5	25		
02	6,0	4,9	M4,5 - M6	M8	50	31	69,0	34		
02	7,0	5,5	M7	M10	50	31	69,0	34		
02	8,0	6,2	M8	M11	50	31	69,0	34		
02	9,0	7,0	M9	M12	50	31	69,0	34		
02	10,0	8,0	M10		50	31	69,0	34		
02	11,0	9,0		M14	50	31	69,0	34		
02	12,0	9,0	M12	M16	50	31	69,0	34		
02	14,0	11,0		M18	50	31	69,0	34		
02	16,0	12,0		M20	50	31	69,0	34		

88,49

100

88,49

102

88,49

104

88,49

106

88,49

108

88,49

110

88,49

112

88,49

114

88,49

116

106,90

200

106,90

202

106,90

204

106,90

206

106,90

208

106,90

210

106,90

212

106,90

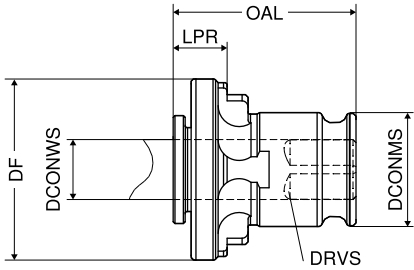
214

106,90

216

Quick change tap adapter

- ▲ Normal version without overload clutch
- ▲ For mounting taps
- ▲ For right-hand and left-hand threads



A

Y8

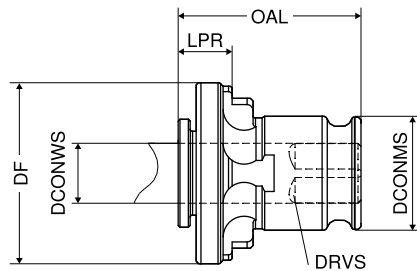
Article no.
83 610 ...

EUR

SZID	DCONWS	DRVS	DIN 371	DIN 374 / 376	DF	DCONMS	OAL	LPR		
	mm	mm			mm	mm	mm	mm		
01	3,5	2,7	M3		30	19	28,5	7	20,55	100
01	4,5	3,4	M4		30	19	28,5	7	20,55	101
01	4,0	3,0	M3,5		30	19	28,5	7	20,55	102
01	2,8	2,1	M2 - M2,6		30	19	28,5	7	20,55	103
01	5,5	4,3		M7	30	19	28,5	7	20,55	104
01	6,0	4,9	M4,5 - M6	M8	30	19	28,5	7	20,55	105
01	7,0	5,5	M7	M10	30	19	28,5	7	20,55	106
01	8,0	6,2	M8	M11	30	19	28,5	7	20,55	107
01	9,0	7,0	M9	M12	30	19	28,5	7	20,55	108
01	10,0	8,0	M10		30	19	28,5	7	20,55	109
01	11,0	9,0		M14	30	19	28,5	7	20,55	110
02	6,0	4,9	M4,5 - M6		46	31	46,0	11	28,41	200
02	7,0	5,5	M7		46	31	46,0	11	28,41	201
02	8,0	6,2	M8		46	31	46,0	11	28,41	202
02	9,0	7,0	M9		46	31	46,0	11	28,41	203
02	10,0	8,0	M10		46	31	46,0	11	28,41	204
02	11,0	9,0		M14	46	31	46,0	11	28,41	205
02	12,0	9,0		M16	46	31	46,0	11	28,41	206
02	14,0	11,0		M18	46	31	46,0	11	28,41	207
02	16,0	12,0		M20	46	31	46,0	11	28,41	208
02	18,0	14,5		M22 - M24	46	31	46,0	11	28,41	209

Quick change tap adapter, with through coolant

- ▲ Normal version without overload clutch
- ▲ For mounting taps
- ▲ For right-hand and left-hand threads



AD

Y8

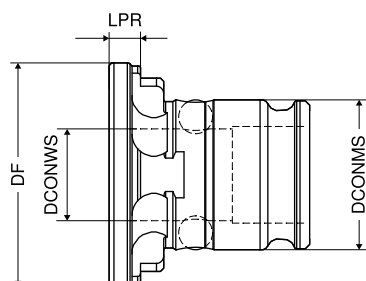
Article no.
83 614 ...

EUR

SZID	DCONWS	DRVS	DIN 371	DIN 374 / 376	DF	DCONMS	OAL	LPR		
	mm	mm			mm	mm	mm	mm		
01	3,5	2,7		M4,5 - M5	30	19	28,5	7	39,84	100
01	4,5	3,4	M4	M6	30	19	28,5	7	39,84	102
01	5,5	4,3		M7	30	19	28,5	7	39,84	104
01	6,0	4,9	M4,5 - M6	M8	30	19	28,5	7	39,84	106
01	7,0	5,5		M7	30	19	28,5	7	39,84	108
01	8,0	6,2	M8	M11	30	19	28,5	7	39,84	110
01	9,0	7,0	M9	M12	30	19	28,5	7	39,84	112
01	10,0	8,0	M10		30	19	28,5	7	39,84	114
02	6,0	4,9	M4,5 - M6	M8	46	31	46,0	11	52,63	200
02	7,0	5,5	M7	M10	46	31	46,0	11	52,63	202
02	8,0	6,2	M8	M11	46	31	46,0	11	52,63	204
02	9,0	7,0	M9	M12	46	31	46,0	11	52,63	206
02	10,0	8,0	M10		46	31	46,0	11	52,63	208
02	11,0	9,0		M14	46	31	46,0	11	52,63	210
02	12,0	9,0	M12	M16	46	31	46,0	11	52,63	212
02	14,0	11,0		M18	46	31	46,0	11	52,63	214
02	16,0	12,0		M20	46	31	46,0	11	52,63	216

Reducing adapter for quick change adapters

- ▲ Reducing adapter for reducing size 02 to 01. In this way the clamping ranges can be extended to smaller sizes.



AD

Y8

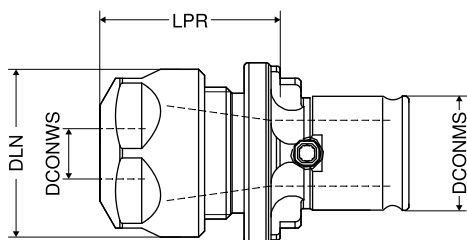
Article no.
83 624 ...

EUR

SZID	DF	DCONMS	DCONWS	LPR		
	mm	mm	mm	mm		
02	46	31	19	8,5	67,94	200

Quick change tap adapters

▲ Adapters for collets ER 16 / ER 25



AD

Y8

Article no.

83 618 ...

EUR

85,98

121,60

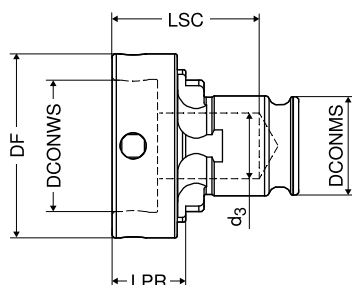
010

016

SZID	DCONWS	DLN	DCONMS	LPR	for collet		
	mm	mm	mm	mm			
01	1 - 10	28	19	29,5	ER 16		
02	2 - 16	42	31	38,5	ER 25		

Quick change adapter for dies

▲ For mounting dies according to DIN 223



A

Y8

Article no.

83 622 ...

EUR

95,00

95,00

95,00

95,00

95,00

95,00

95,00

133,20

133,20

133,20

133,20

133,20

133,20

133,20

133,20

116

120

121

125

130

138

139

220

221

225

230

238

239

245

246

SZID	for size	cutting range	DF	DCONMS	DCONWS	LPR	d ₃	LSC		
			mm	mm	mm	mm	mm	mm		
01	16 x 5	M1 - M4	25	19	16	9	12,5	23		
01	20 x 5	M3 - M4	30	19	20	9	12,5	23		
01	20 x 7	M4,5 - M6	30	19	20	11	12,5	25		
01	25 x 9	M7 - M9	35	19	25	14	12,5	28		
01	30 x 11	M10 - M11	40	19	30	16	12,5	30		
01	38 x 10	M12x1 - M15x1,5	48	19	38	15	14,2	29		
01	38 x 14	M12 - M14	48	19	38	19	14,2	33		
02	20 x 5	M3 - M4	30	31	20	22	15,0	57		
02	20 x 7	M4,5 - M6	30	31	20	22	15,0	57		
02	25 x 9	M7 - M9	35	31	25	22	15,0	57		
02	30 x 11	M10 - M11	40	31	30	22	22,0	57		
02	38 x 10	M12x1 - M15x1,5	48	31	38	22	22,0	57		
02	38 x 14	M12 - M14	48	31	38	25	22,0	60		
02	45 x 14	M16x1 - M20x2	57	31	45	29	22,0	64		
02	45 x 14	M16 - M20	57	31	45	29	22,0	64		