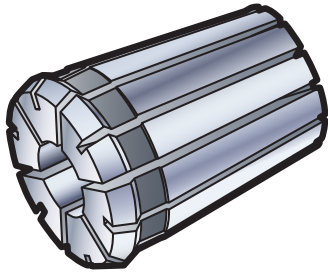


ER collets, slitted	202
Collet sets	202
ER collet , sealed	203

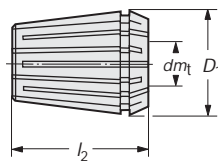
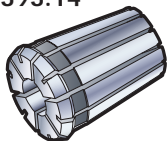




ER Collets

DIN 6499-B

393.14



Collet size	D_1	l_2
ER11	.449	.709
ER16	.669	1.082
ER20	.827	1.240
ER25	1.024	1.339
ER32	1.291	1.575

Size 11		Size 16		Size 20		Size 25	
Range dm_t , inch (mm)	Ordering code	Range dm_t , inch (mm)	Ordering code	Range dm_t , inch (mm)	Ordering code	Range dm_t , inch (mm)	Ordering code
.039-.030 (1.00-0.75)	393.14- 11 0100	.039-.020 (1.0- 0.5)	393.14- 16 0100	.059-.039 (1.5- 1.0)	393.14- 20 015	.079-.059 (2.0- 1.5)	393.14- 25 020
.049-.039 (1.25-1.00)	11 0125	.059-.039 (1.5- 1.0)	16 0150	.079-.059 (2.0- 1.5)	20 020	.098-.079 (2.5- 2.0)	25 025
.059-.049 (1.50-1.25)	11 0150	.079-.039 (2.0- 1.0)	16 0200	.098-.079 (2.5- 2.0)	20 025	.118-.098 (3.0- 2.5)	25 030
.069-.059 (1.75-1.50)	11 0175	.098-.059 (2.5- 1.5)	16 0250	.118-.098 (3.0- 2.5)	20 030	.157-.118 (4.0- 3.0)	25 040
.079-.069 (2.00-1.75)	393.14- 11 0200	.118-.079 (3.0- 2.0)	393.14- 16 0300	.157-.118 (4.0- 3.0)	393.14- 20 040	.197-.157 (5.0- 4.0)	393.14- 25 050
.089-.079 (2.25-2.00)	11 0225	.157-.118 (4.0- 3.0)	16 0400	.197-.157 (5.0- 4.0)	20 050	.236-.197 (6.0- 5.0)	25 060
.098-.089 (2.50-2.25)	11 0250	.197-.157 (5.0- 4.0)	16 0500	.236-.197 (6.0- 5.0)	20 060	.275-.236 (7.0- 6.0)	25 070
.118-.098 (3.00-2.50)	11 0300	.236-.197 (6.0- 5.0)	16 0600	.275-.236 (7.0- 6.0)	20 070	.315-.275 (8.0- 7.0)	25 080
.138-.118 (3.50-3.00)	393.14- 11 0350	.276-.236 (7.0- 6.0)	393.14- 16 0700	.315-.275 (8.0- 7.0)	393.14- 20 080	.354-.315 (9.0- 8.0)	393.14- 25 090
.157-.138 (4.00-3.50)	11 0400	.315-.276 (8.0- 7.0)	16 0800	.354-.315 (9.0- 8.0)	20 090	.394-.354 (10.0- 9.0)	25 100
.177-.157 (4.50-4.00)	11 0450	.354-.315 (9.0- 8.0)	16 0900	.394-.354 (10.0- 9.0)	20 100	.433-.394 (11.0-10.0)	25 110
.197-.177 (5.00-4.50)	11 0500	.394-.354 (10.0- 9.0)	16 1000	.433-.394 (11.0-10.0)	20 110	.472-.433 (12.0-11.0)	25 120
.217-.197 (5.50-5.00)	393.14- 11 0550			.472-.433 (12.0-11.0)	393.14- 20 120	.512-.472 (13.0-12.0)	393.14- 25 130
.236-.217 (6.00-5.50)	11 0600			.512-.472 (13.0-12.0)	20 130	.551-.512 (14.0-13.0)	25 140
.256-.236 (6.50-6.00)	11 0650					.591-.551 (15.0-14.0)	25 150
.276-.256 (7.00-6.50)	11 0700					.630-.591 (16.0-15.0)	25 160
Size 32							
Range dm_t , inch (mm)	Ordering code						
.098-.079 (2.5- 2.0)	393.14- 32 025						
.118-.098 (3.0- 2.5)	32 030						
.157-.118 (4.0- 3.0)	32 040						
.197-.157 (5.0- 4.0)	32 050						
.236-.197 (6.0- 5.0)	393.14- 32 060						
.275-.236 (7.0- 6.0)	32 070						
.315-.275 (8.0- 7.0)	32 080						
.354-.315 (9.0- 8.0)	32 090						
.394-.354 (10.0- 9.0)	393.14- 32 100						
.433-.394 (11.0-10.0)	32 110						
.472-.433 (12.0-11.0)	32 120						
.512-.472 (13.0-12.0)	32 130						
.551-.512 (14.0-13.0)	393.14- 32 140						
.591-.551 (15.0-14.0)	32 150						
.630-.591 (16.0-15.0)	32 160						
.669-.630 (17.0-16.0)	32 170						
.709-.669 (18.0-17.0)	393.14- 32 180						
.748-.709 (19.0-18.0)	32 190						
.787-.748 (20.0-19.0)	32 200						

Ordering example: 2 pieces 393.14-11 0100

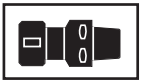
Collet sets



Collet size	Ordering code	Collets included in set	Dimensions, inch (mm)			Spare parts
			D_{mt}	D_1	l_2	Box
ER16	SET-ER16	10	.020- .394 (0.5-10.0)	.669	1.082	SET-ER16 BOX
ER20	SET-ER20 ¹⁾	12	.039- .512 (1.0-13.0)	.827	1.240	SET-ER20 BOX
ER25	SET-ER25 ¹⁾	15	.059- .630 (1.0-16.0)	1.024	1.339	SET-ER25 BOX
ER32	SET-ER32 ¹⁾	18	.079- .787 (2.0-20.0)	1.291	1.575	SET-ER32 BOX

1) Collet sets do not include a 1-2 mm collet from above assortment.

Ordering example: 2 pieces SET-ER16



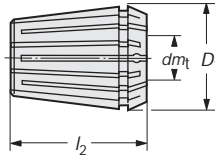
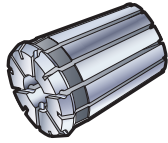
ER collets

Sealed

ERSC



- Can handle up to 1000 psi of coolant pressure.
- To be used with existing holders and nuts.



Collet size	D_1	l_2	Tightening torque, ft/lbs
ER16	.669	1.082	52
ER20	.827	1.240	74
ER25	1.024	1.339	95
ER32	1.291	1.575	125

Metric		Inch								
Collet size	Ordering code	Collet size	Ordering code	Collet size	Ordering code					
	dm_t mm		dm_t inch		dm_t inch					
16	2	ERSC16- 0002	16	1/8	ERSC16- 0125	32	1/8	ERSC32- 0125		
	3	0003		5/32	0156		5/32	0156		
	4	0004		3/16	0188		3/16	0188		
	5	0005		7/32	0219		7/32	0219		
	6	0006		1/4	0250		1/4	0250		
	7	0007		9/32	0281		9/32	0281		
	8	0008		5/16	0313		5/16	0313		
	9	0009		11/32	0344		11/32	0344		
	10	0010		3/8	0375		3/8	0375		
	20	3		ERSC20- 0003	20		1/8	ERSC20- 0125	13/32	0406
4		0004	5/32	0156			7/16	0438		
5		0005	3/16	0188			15/32	0469		
6		0006	7/32	0219			1/2	0500		
7		0007	1/4	0250			17/32	0531		
8		0008	9/32	0281			9/16	0563		
9		0009	5/16	0313			19/32	0594		
10		0010	11/32	0344			5/8	0625		
11		0011	3/8	0375			21/32	0656		
12		0012	13/32	0406			11/16	0688		
13		0013	7/16	0438			23/32	0719		
25		3	ERSC25- 0003	25			15/32	0469	3/4	0750
		4	0004				1/2	0500		
	5	0005	1/8		ERSC25- 0125					
	6	0006	5/32		0156					
	7	0007	3/16		0188					
	8	0008	7/32		0219					
	9	0009	1/4		0250					
	10	0010	9/32		0281					
	11	0011	5/16		0313					
	12	0012	11/32		0344					
	13	0013	3/8		0375					
	14	0014	13/32		0406					
	15	0015	7/16		0438					
	16	0016	15/32		0469					
	32	4	ERSC32- 0004			1/2	0500			
		5	0005			17/32	0531			
6		0006		9/16	0563					
7		0007		19/32	0594					
8		0008		5/8	0625					
9		0009								
10		0010								
11		0011								
12		0012								
13		0013								
14	0014									
15	0015									
16	0016									
17	0017									
18	0018									
19	0019									
20	0020									

Ordering example, inch collet: 2 pieces ERSC16-0125