



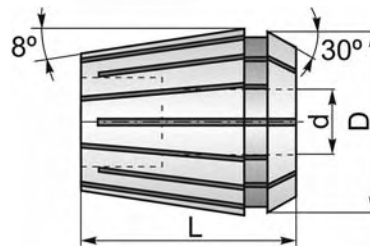
Collets



ER COLLETS

ER Spring Collets and Collet Sets

- Concentricity guaranteed to 0.0004"
- Wide holding range of each collet requires fewer collets and changes
- ER Collets collapse approximately 1/32" while maintaining full accuracy
- Unique self-releasing system eliminates sticking
- ER Mini-Collet Chucks allow for machining in tight locations with reduced outside nose diameter



Style	D	L
ER 11	-	-
ER 16	0.669	1.062
ER 20	0.826	1.220
ER 25	1.024	1.378
ER 32	1.299	1.574
ER 40	1.614	1.811

ER Collet Extractors:
ER32: Part Number 7-171-0032
ER40: Part Number 7-171-0042

Nominal Size inches	ER 11	ER 16	ER 20	ER 25	ER 32	ER 40	ER 50
	Part Number						
1/32	7-171-112*	7-171-162	-	-	-	-	-
1/16	7-171-113*	7-171-1621	7-171-203	7-171-2333	-	-	-
3/32	7-171-114*	7-171-1623	7-171-204	7-171-2335	7-171-328	-	-
1/8	7-171-116*	7-171-163*	7-171-205*	7-171-2337*	7-171-330*	7-171-430*	-
5/32	-	7-171-1630	7-171-206	7-171-2338	7-171-332	7-171-432	-
3/16	7-171-118	7-171-164*	7-171-207*	7-171-234*	7-171-334*	7-171-434*	-
7/32	7-171-120	7-171-165*	7-171-209*	7-171-236*	7-171-336	7-171-436	-
1/4	7-171-122	7-171-166*	7-171-211*	7-171-238*	7-171-338*	7-171-438*	-
9/32	-	7-171-1663	7-171-212	7-171-240	7-171-339	7-171-440	-
5/16	-	7-171-167*	7-171-213*	7-171-242*	7-171-340*	7-171-442*	-
11/32	-	7-171-168*	7-171-215*	7-171-244*	7-171-344	7-171-444	-
3/8	-	7-171-169*	7-171-217*	7-171-246*	7-171-346*	7-171-446*	-
13/32	-	-	7-171-219*	7-171-248*	7-171-348	7-171-448	-
7/16	-	-	7-171-221*	7-171-250*	7-171-350*	7-171-450*	-
15/32	-	-	7-171-222	7-171-252	7-171-352	7-171-452	-
1/2	-	-	7-171-223*	7-171-254*	7-171-354*	7-171-454*	7-171-4959
17/32	-	-	-	7-171-256*	7-171-356	7-171-456	-
9/16	-	-	-	7-171-258*	7-171-358*	7-171-458*	-
19/32	-	-	-	7-171-260	7-171-360	7-171-460	-
5/8	-	-	-	7-171-262	7-171-362*	7-171-462*	7-171-4967
21/32	-	-	-	-	7-171-364	7-171-464	-
11/16	-	-	-	-	7-171-366*	7-171-466*	-
23/32	-	-	-	-	7-171-368	7-171-468	-
3/4	-	-	-	-	7-171-370*	7-171-470*	7-171-4975
25/32	-	-	-	-	-	7-171-472	-
13/16	-	-	-	-	-	7-171-474*	-
27/32	-	-	-	-	-	7-171-476	-
7/8	-	-	-	-	-	7-171-478*	-
29/32	-	-	-	-	-	7-171-480	-
15/16	-	-	-	-	-	7-171-482*	-
31/32	-	-	-	-	-	7-171-484	-
1	-	-	-	-	-	7-171-486*	7-171-4989
1-1/4	-	-	-	-	-	-	7-171-4995
Collet Sets	7 Pc. Set	7 Pc. Set	10 Pc. Set	12 Pc. Set	11 Pc. Set	15 Pc. Set	-
	7-171-125	7-171-195	7-171-225	7-171-295	7-171-395	7-171-495	-



* Indicates sizes contained in set



ER Spring Collets and Collet Sets, Metric Sizes



Nominal Size	Clamping Range	Clamping Range	ER 11	ER 16	ER 20	ER 25	ER 32	ER 40
	mm	inches						
1	1-0.5	.019-.039	7-171-511	7-171-501	–	–	–	–
2	2-1	.039-.078	7-171-513	7-171-502	7-171-602*	7-171-702	–	–
3	3-2	.078-.118	7-171-515	7-171-503	7-171-603	7-171-703	7-171-803	–
4	4-3	.118-.157	7-171-517	7-171-504	7-171-604	7-171-704	7-171-804	7-171-904
5	5-4	.157-.196	7-171-519	7-171-505	7-171-605	7-171-705	7-171-805	7-171-905
6	6-5	.196-.236	7-171-521	7-171-506	7-171-606	7-171-706	7-171-806	7-171-906
7	7-6	.236-.275	7-171-523	7-171-507	7-171-607	7-171-707	7-171-807	7-171-907
8	8-7	.275-.314	–	7-171-508	7-171-608	7-171-708	7-171-808	7-171-908
9	9-8	.314-.354	–	7-171-509	7-171-609	7-171-709	7-171-809	7-171-909
10	10-9	.354-.393	–	7-171-510	7-171-610	7-171-710	7-171-810	7-171-910
11	11-10	.393-.433	–	–	7-171-611	7-171-711	7-171-811	7-171-911
12	12-11	.433-.472	–	–	7-171-612	7-171-712	7-171-812	7-171-912
13	13-12	.472-.511	–	–	7-171-613	7-171-713	7-171-813	7-171-913
14	14-13	.511-.551	–	–	–	7-171-714	7-171-814	7-171-914
15	15-14	.551-.590	–	–	–	7-171-715	7-171-815	7-171-915
16	16-15	.590-.629	–	–	–	–	7-171-816	7-171-916
17	17-16	.629-.669	–	–	–	–	7-171-817	7-171-917
18	18-17	.669-.708	–	–	–	–	7-171-818	7-171-918
19	19-18	.708-.748	–	–	–	–	7-171-819	7-171-919
20	20-19	.748-.787	–	–	–	–	7-171-820	7-171-920
21	21-20	.787-.826	–	–	–	–	–	7-171-921
22	22-21	.826-.866	–	–	–	–	–	7-171-922
23	23-22	.866-.905	–	–	–	–	–	7-171-923
24	24-23	.905-.944	–	–	–	–	–	7-171-924
25	25-24	.944-.984	–	–	–	–	–	7-171-925
26	26-25	.984-1.023	–	–	–	–	–	7-171-926
Collet Sets			7 pc set	10 pc set	11 pc set	14 pc set	18 pc set	23 pc set
			7-171-525	7-171-595	7-171-695	7-171-795	7-171-895	7-171-935

* Not included in set