

ER20 Collets



Our ER collet system is made of special alloy steel material under excellent heat treatment and precise grinding process, so it has precise accuracy, powerful clamping ability, and is durable. This collet can clamp for a specific standard size and its next size. It can be widely used for boring, milling, drilling and tapping as well as for grinding operation, and is available for all sizes.



REGULAR

- Size range: 1mm - 13mm (0.039" - 0.511")
- ER20 collets collapse approximately 1/32" with full accuracy

AA Collets have a runout of only 5 microns (0.005mm)

Size (mm)	Size (in.)	Code No.	Price \$	AA Code No.	Price \$
Metric					
1-1.5	0.039-0.059	337446	44.19		
1.5-2	0.059-0.078			336763*	60.81
1-2	0.039-0.078	337473*	44.19		
2-2.5	0.078-0.098	337447	44.19	336765	60.81
2-3	0.078-0.118	337474*	36.65		
2.5-3	0.098-0.118			336766*	53.47
2.5-3.5	0.098-0.137	337471	36.65		
3-3.5	0.118-0.137			336768	53.47
3-4	0.118-0.157	337475*	36.65		
3.5-4	0.137-0.157			336770*	53.47
4-4.5	0.157-0.177	337448	36.65	336771	53.47
4-5	0.157-0.196	337476*	36.65		
4.5-5	0.177-0.196			336773*	53.47
5-5.5	0.196-0.217	337449	36.65	336774	53.47
5-6	0.196-0.236	337477*	36.65		
5.5-6	0.217-0.236			336776*	53.47
6-6.5	0.236-0.256	337451	36.65	336778	53.47
6-7	0.236-0.275	337478*	36.65		
6.5-7	0.256-0.275			336779*	53.47
7-7.5	0.275-0.295	337453	36.65	336781	53.47
7-8	0.275-0.314	337479*	36.65		
7.5-8	0.295-0.314			336783*	53.47
8-8.5	0.314-0.335	337455	36.65	336784	53.47
8-9	0.314-0.354	337480*	36.65		
8.5-9	0.335-0.354			336786*	53.47
9-9.5	0.354-0.374	337457	36.65	336787	53.47
9-10	0.354-0.393	337481*	36.65		
9.5-10	0.374-0.393			336789*	53.47
10-10.5	0.393-0.413	337459	36.65	336791	53.47
10-11	0.393-0.433	337482*	36.65		
10.5-11	0.413-0.433			336792*	53.47
11-11.5	0.433-0.452	337469	36.65	336794	53.47
11-12	0.433-0.472	337483*	36.65		
11.5-12	0.452-0.472			336796*	53.47
12-12.5	0.472-0.492	337463	36.65	336797	53.47
12-13	0.472-0.511	337484*	36.65		
12.5-13	0.492-0.511			336799*	53.47
13-13.5	0.511-0.531			336800	53.47
13.5-14	0.531-0.551			336801	53.47
12pc Set	2-13mm	337382	417.15	336988	641.63
Inch					
	1/16	337621*	44.19	336762*	60.81
	3/32	337623*	44.19	336764*	60.81
	1/8	337663*	36.65	336767*	53.47
	5/32	337665*	36.65	336769*	53.47
	3/16	337667*	36.65	336772*	53.47
	7/32	337669*	36.65	336775*	53.47
	1/4	337671*	36.65	336777*	53.47
	9/32	337673*	36.65	336780*	53.47
	5/16	337675*	36.65	336782*	53.47
	11/32	337676*	36.65	336785*	53.47
	3/8	337677*	36.65	336788*	53.47
	13/32	337678*	36.65	336790*	53.47
	7/16	337679*	36.65	336793*	53.47
	15/32	337681*	36.65	336795*	53.47
	1/2	337682*	36.65	336798*	53.47
15pc Set	1/16-1/2	337404	549.74	336994	802.04

* Part of set

- See page G31, G32 for Sets
- See page G21 for Dimensional Data

ER20 Sealed Collets



- Sealed for coolant through applications
- Pressure resistance tested to 2000 psi

	Size (in/mm)	Code No.	Price \$
Metric			
	4.0	338325**	68.61
	4.5	338299**	63.79
	5.0	338330	68.61
	5.5	338334	68.61
	6.0	338336	68.61
	6.5	338337	68.61
	7.0	338338	68.61
	7.5	338339	68.61
	8.0	338340	68.61
	8.5	338341	68.61
	9.0	338342	68.61
	9.5	338343	68.61
	10.0	338344	68.61
	10.5	338345	68.61
	11.0	338346	68.61
	11.5	338347	68.61
	12.0	338348	68.61
	12.5	338349	68.61
	13.0	338350	68.61
	17pc Set	337935	1,284.49
Inch			
	1/8	337856**	68.61
	5/32	337857	68.61
	3/16	337858	68.61
	7/32	337859	68.61
	1/4	337860	68.61
	9/32	337861	68.61
	5/16	337862	68.61
	11/32	337863	68.61
	3/8	337864	68.61
	13/32	337865	68.61
	7/16	337866	68.61
	15/32	337867	68.61
	1/2	337868	68.61
	12pc Set	337933	836.13

** Not Part of Set

ER20 Tap Collets



- For synchronous, rigid tapping operations using ER collet chuck
- Collet bore is exact tool diameter with square drive for accuracy and rigidity

Tap	Shank Dia.	Size of Square	Code No.	Price \$
Metric				
M4 -M6	4.5mm	3.4mm	338131	65.63
M4-M6	5.5mm	4.3mm	338133	65.63
M5-M8	6mm	4.9mm	338135	65.63
M8	8mm	6.2mm	338137	65.63
M10	7mm	5.5mm	338139	65.63
M10	10mm	8.0mm	338141	65.63
M12	9mm	7.0mm	338143	65.63
M14	11mm	9.0mm	338145	65.63
M16	12mm	9.0mm	338147	65.63
Inch				
0-6	0.141	0.110	337869*	65.63
8	0.168	0.131	337870*	65.63
10	0.194	0.152	337871*	65.63
12	0.220	0.165	337872*	65.63
1/4	0.255	0.191	337873*	65.63
5/16	0.318	0.238	337874*	65.63
3/8	0.381	0.286	337875*	65.63
7/16	0.323	0.242	337876*	65.63
1/2	0.367	0.275	337877*	65.63
9pc Set			337345	590.59

* Part of Set