

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	33.43		
1.5-2	0.059-0.078			336763*	44.66
1-2	0.039-0.078	337473*	33.43		
2-2.5	0.078-0.098	337447	33.43	336765	44.66
2-3	0.078-0.118	337474*	27.72		
2.5-3	0.098-0.118			336766*	39.27
2.5-3.5	0.098-0.137	337471	27.72		
3-3.5	0.118-0.137			336768	39.27
3-4	0.118-0.157	337475*	27.72		
3.5-4	0.137-0.157			336770*	39.27
4-4.5	0.157-0.177	337448	27.72	336771	39.27
4-5	0.157-0.196	337476*	27.72		
4.5-5	0.177-0.196			336773*	39.27
5-5.5	0.196-0.217	337449	27.72	336774	39.27
5-6	0.196-0.236	337477*	27.72		
5.5-6	0.217-0.236			336776*	39.27
6-6.5	0.236-0.256	337451	27.72	336778	39.27
6-7	0.236-0.275	337478*	27.72		
6.5-7	0.256-0.275			336779*	39.27
7-7.5	0.275-0.295	337453	27.72	336781	39.27
7-8	0.275-0.314	337479*	27.72		
7.5-8	0.295-0.314			336783*	39.27
8-8.5	0.314-0.335	337455	27.72	336784	39.27
8-9	0.314-0.354	337480*	27.72		
8.5-9	0.335-0.354			336786*	39.27
9-9.5	0.354-0.374	337457	27.72	336787	39.27
9-10	0.354-0.393	337481*	27.72		
9.5-10	0.374-0.393			336789*	39.27
10-10.5	0.393-0.413	337459	27.72	336791	39.27
10-11	0.393-0.433	337482*	27.72		
10.5-11	0.413-0.433			336792*	39.27
11-11.5	0.433-0.452	337469	27.72	336794	39.27
11-12	0.433-0.472	337483*	27.72		
11.5-12	0.452-0.472			336796*	39.27
12-12.5	0.472-0.492	337463	27.72	336797	39.27
12-13	0.472-0.511	337484*	27.72		
12.5-13	0.492-0.511			336799*	39.27
13-13.5	0.511-0.531			336800	39.27
13.5-14	0.531-0.551			336801	39.27
12pc Set	2-13mm	337382	315.57	336988	471.24
Inch					
	1/16	337621*	33.43	336762*	44.66
	3/32	337623*	33.43	336764*	44.66
	1/8	337663*	27.72	336767*	39.27
	5/32	337665*	27.72	336769*	39.27
	3/16	337667*	27.72	336772*	39.27
	7/32	337669*	27.72	336775*	39.27
	1/4	337671*	27.72	336777*	39.27
	9/32	337673*	27.72	336780*	39.27
	5/16	337675*	27.72	336782*	39.27
	11/32	337676*	27.72	336785*	39.27
	3/8	337677*	27.72	336788*	39.27
	13/32	337678*	27.72	336790*	39.27
	7/16	337679*	27.72	336793*	39.27
	15/32	337681*	27.72	336795*	39.27
	1/2	337682*	27.72	336798*	39.27
15pc Set	1/16-1/2	337404	415.86	336994	589.05

* 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**	51.90
4.5	338299**	48.26
5.0	338330	51.90
5.5	338334	51.90
6.0	338336	51.90
6.5	338337	51.90
7.0	338338	51.90
7.5	338339	51.90
8.0	338340	51.90
8.5	338341	51.90
9.0	338342	51.90
9.5	338343	51.90
10.0	338344	51.90
10.5	338345	51.90
11.0	338346	51.90
11.5	338347	51.90
12.0	338348	51.90
12.5	338349	51.90
13.0	338350	51.90
17pc Set	337935	971.68
Inch		
1/8	337856**	51.90
5/32	337857	51.90
3/16	337858	51.90
7/32	337859	51.90
1/4	337860	51.90
9/32	337861	51.90
5/16	337862	51.90
11/32	337863	51.90
3/8	337864	51.90
13/32	337865	51.90
7/16	337866	51.90
15/32	337867	51.90
1/2	337868	51.90
12pc Set	337933	632.49

** 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	48.20
M4-M6	5.5mm	4.3mm	338133	48.20
M5-M8	6mm	4.9mm	338135	48.20
M8	8mm	6.2mm	338137	48.20
M10	7mm	5.5mm	338139	48.20
M10	10mm	8.0mm	338141	48.20
M12	9mm	7.0mm	338143	48.20
M14	11mm	9.0mm	338145	48.20
M16	12mm	9.0mm	338147	48.20
Inch				
0-6	0.141	0.110	337869*	48.20
8	0.168	0.131	337870*	48.20
10	0.194	0.152	337871*	48.20
12	0.220	0.165	337872*	48.20
1/4	0.255	0.191	337873*	48.20
5/16	0.318	0.238	337874*	48.20
3/8	0.381	0.286	337875*	48.20
7/16	0.323	0.242	337876*	48.20
1/2	0.367	0.275	337877*	48.20
9pc Set			337345	433.76

* Part of Set