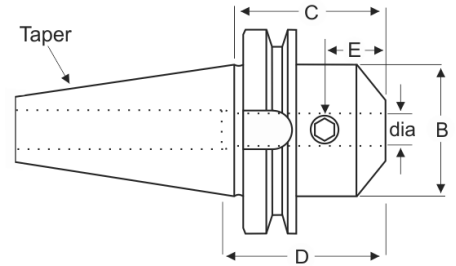


CAT-40 V-FLANGE TOOLHOLDERS

END MILL HOLDERS



- Large selection of end mill holders from nationally recognized manufacturers
- **Kingston Toolholders** are balanced to 15,000 RPM @ g6.3
- **Spin Tru Toolholders** are balanced to 20,000 RPM @ g2.5
- Full line available from all vendors listed-please call for information



CAT 40		ENDMILL HOLDERS									
Dia	C Proj.	B OD	D Max Socket Depth	E	Brand	Part Number	Price Each	Set Screw Size	Set Screw Part Number	MAX RPM Balanced Up to	Code
1/8"	1.38	0.68	-	-	Kingston	C40-01EM138-K	\$49.95	10-32	SSE-10-32-250	15,000G6.3	F
		0.68	-	-	Spin Tru	C40-01EM138-KB	\$69.99	10-32	SSE-10-32-250	20,000G2.5	D
	1.75	-	-	-	Kingston	C40-01EM175-K	\$53.85	10-32	SSE-10-32-250	15,000G6.3	F
		0.69	3.00	0.19	Parlec*	C40-01EM175-P	\$106.20	M10-32	SSE-10-32-250	20,000G2.5	D
	2.36	0.75	0.63	-	Lyndex	C40-01EM236-L	\$115.66	6-32	SSE-06-32-250	-	A
	2.50	-	-	-	Kingston	C40-01EM250-K	\$53.85	10-32	SSE-10-32-250	15,000G6.3	F
		0.69	3.80	0.19	Parlec*	C40-01EM250-KB	\$69.99	10-32	SSE-10-32-250	20,000G2.5	D
	3.00	-	-	-	Kingston	C40-01EM300-K	\$53.85	10-32	SSE-10-32-250	15,000G6.3	F
0.68		-	-	Spin Tru	C40-01EM300-KB	\$69.99	10-32	SSE-10-32-250	20,000G2.5	D	
4.00	1.00	3.00	0.19	Parlec*	C40-01EM300-P	\$125.55	M10-32	SSE-10-32-250	-	A	
	0.75	0.63	-	Lyndex	C40-01EM400-L	\$128.73	6-32(1)	SSE-06-32-250	-	B	
3/16"	1.38	0.69	-	-	Kingston	C40-18EM138-K	\$49.95	10-32	SSE-10-32-250	15,000G6.3	F
		0.69	-	-	Spin Tru	C40-18EM138-KB	\$69.99	10-32	SSE-10-32-250	20,000G2.5	D
	1.75	-	-	-	Kingston	C40-18EM175-K	\$53.85	10-32	SSE-10-32-250	15,000G6.3	F
		0.69	3.00	0.44	Parlec*	C40-18EM175-P	\$106.20	M10-32(1)	SSE-10-32-250	20,000G2.5	D
	2.50	0.69	-	-	Kingston	C40-18EM250-K	\$53.85	10-32	SSE-10-32-250	15,000G6.3	F
		0.69	-	-	Spin Tru	C40-18EM250-KB	\$69.99	10-32	SSE-10-32-250	20,000G2.5	D
	3.00	0.75	-	-	Techniks	C40-18EM250-T	\$78.30	1/4"-28	SSE-25-28-313	-	B
		0.75	0.86	-	Lyndex	C40-18EM250-L	\$115.66	8-32(1)	SSE-08-32-250	-	B
4.00	0.69	-	-	Spin Tru	C40-18EM300-KB	\$70.50	10-32	SSE-10-32-250	20,000G2.5	D	
	1.00	3.00	0.44	Parlec*	C40-18EM300-P	\$131.40	M10-32(1)	SSE-10-32-250	-	A	
1/4"	1.38	0.75	0.86	-	Lyndex	C40-18EM400-L	\$128.73	8-32(1)	SSE-08-32-250	-	B
		-	-	-	Kingston	C40-18EM600-K	\$60.45	10-32	SSE-10-32-250	15,000G6.3	F
	1.75	-	-	-	Spin Tru	C40-18EM600-KB	\$74.47	10-32	SSE-10-32-250	20,000G2.5	D
		1.00	3.80	0.44	Parlec*	C40-18EM600-P	\$156.60	M10-32(1)	SSE-10-32-250	-	A
	2.50	1.00	-	-	Kingston	C40-25EM138-K	\$49.95	1/4"-20	SSE-25-20-250	15,000G6.3	F
		1.00	2.50	0.75	Spin Tru	C40-25EM138-KB	\$69.99	1/4"-20	SSE-25-20-250	20,000G2.5	D
	3.00	0.79	1.18	-	Lyndex	C40-25EM138-L	\$121.36	1/4"-28(1)	SSE-25-28-250	-	B
		-	-	-	Kingston	C40-25EM175-K	\$53.85	1/4"-20	SSE-25-20-250	15,000G6.3	F
4.00	-	-	-	Spin Tru	C40-25EM175-KB	\$69.99	1/4"-20	SSE-25-20-250	20,000G2.5	D	
	0.88	3.00	0.44	Parlec*	C40-25EM175-P	\$94.50	1/4"-28(1)	SSE-25-28-250	-	A	
2.50	1.00	-	-	Kingston	C40-25EM250-K	\$53.85	1/4"-20	SSE-25-20-250	15,000G6.3	F	
	1.00	4.21	0.75	Spin Tru	C40-25EM250-KB	\$69.99	1/4"-20	SSE-25-20-250	20,000G2.5	D	
3.00	0.88	3.80	0.44	Parlec*	C40-25EM250-P	\$94.50	1/4"-28(1)	SSE-25-28-250(2)	-	B	
	0.79	1.10	-	Lyndex	C40-25EM250-L	\$107.11	1/4"-28(1)	SSE-25-28-250	-	B	
4.00	0.79	-	-	Sowa	C40-25EM250-GB	\$90.72	1/4"-28	SSE-25-28-250	20,000	C	
	1.00	-	-	Spin Tru	C40-25EM300-KB	\$70.50	1/4"-20	SSE-25-20-250	20,000G2.5	D	
6.00	1.00	3	0.44	Parlec*	C40-25EM300-P	\$94.50	1/4"-28(1)	SSE-25-28-250(2)	-	A	
	-	-	-	Spin Tru	C40-25EM400-KB	\$73.02	1/4"-20	SSE-25-20-250	20,000G2.5	D	
6.00	0.79	1.10	-	Lyndex	C40-25EM400-L	\$128.73	1/4"-28(1)	SSE-25-28-250	-	B	
	-	-	-	Kingston	C40-25EM600-K	\$60.45	1/4"-20	SSE-25-20-250	15,000G6.3	F	
6.00	-	-	-	Spin Tru	C40-25EM600-KB	\$74.47	1/4"-20	SSE-25-20-250	20,000G2.5	D	
	1.00	3.8	0.44	Parlec*	C40-25EM600-P	\$117.90	1/4"-28(1)	SSE-25-28-250	-	A	

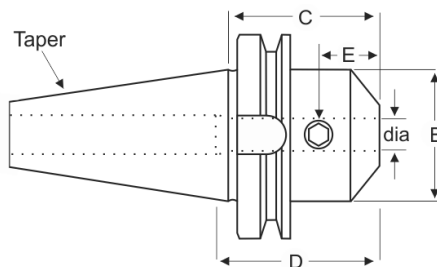
Call Us Today For All Of Your Machine Tool Needs!

CAT-40 V-FLANGE TOOLHOLDERS

END MILL HOLDERS



- Large selection of end mill holders from nationally recognized manufacturers
- **Kingston Toolholders** are balanced to 15,000 RPM @ g6.3
- **Spin Tru Toolholders** are balanced to 20,000 RPM @ g2.5
- Full line available from all vendors listed-please call for information



CAT 40 ENDMILL HOLDERS

Dia	C Proj.	B OD	D Max Socket Depth	E	Brand	Part Number	Price Each	Set Screw Size	Set Screw Part Number	MAX RPM Balanced Up to	Code
5/16"	1.38	1.00	-	-	Kingston	C40-31EM138-K	\$49.95	5/16"-18	SSE-31-18-313	15,000G6.3	F
		1.00	2.50	0.75	Spin Tru	C40-31EM138-KB	\$69.99	5/16"-18	SSE-31-18-313	20,000G2.5	D
		0.87	1.34	-	Lyndex	C40-31EM138-L	\$131.10	5/16"-24(1)	SSE-31-24-250	-	B
	1.75	-	-	-	Kingston	C40-31EM175-K	\$53.85	5/16"-18	SSE-31-18-313	15,000G6.3	F
		1.00	3.00	0.44	Parlec*	C40-31EM175-P	\$100.35	1/4"-28(1)	SSE-25-28-250	-	A
		1.00	-	-	Kingston	C40-31EM250-K	\$53.85	5/16"-18	SSE-31-18-313	15,000G6.3	F
	2.50	1.00	4.21	0.73	Spin Tru	C40-31EM250-KB	\$69.99	5/16"-18	SSE-31-18-313	20,000G2.5	D
		1.00	3.80	0.44	Parlec*	C40-31EM250-P	\$95.40	1/4"-28(1)	SSE-25-28-250(2)	-	A
		0.87	1.26	-	Lyndex	C40-31EM250-L	\$120.41	5/16"-24(1)	SSE-31-24-250	-	B
		0.87	-	-	Sowa	C40-31EM250-GB	\$98.82	5/16"-24	SSE-31-24-250	20,000	C
	3.00	0.98	-	-	Techniks	C40-31EM300-T	\$78.30	5/16"-24	SSE-31-24-313	-	B
	4.00	-	-	-	Spin Tru	C40-31EM400-KB	\$73.02	5/16"-18	SSE-31-18-313	20,000G2.5	D
0.87		1.26	-	Lyndex	C40-31EM400-L	\$141.08	5/16"-24(1)	SSE-31-24-250	-	B	
0.87		-	-	Sowa	C40-31EM400-GB	\$87.03	5/16"-24	SSE-31-24-250	20,000	C	
6.00	1.00	3.80	0.44	Parlec*	C40-31EM600-P	\$100.35	1/4"-28(1)	SSE-25-28-250	-	A	
3/8"	1.38	1.25	-	-	Kingston	C40-37EM138-K	\$49.95	3/8"-16	SSE-38-16-313	15,000G6.3	F
		1.00	1.80	0.75	Spin Tru	C40-37EM138-KB	\$69.99	3/8"-16	SSE-38-16-313	20,000G2.5	D
		1.00	1.34	-	Lyndex	C40-37EM138-L	\$121.36	3/8"-24(1)	SSE-37-24-313	-	B
	1.75	-	-	-	Kingston	C40-37EM175-K	\$53.85	3/8"-16	SSE-38-16-313	15,000G6.3	F
		1.00	3.00	0.75	Parlec*	C40-37EM175-P	\$95.40	3/8"-24(1)	SSE-38-24-313	-	A
		1.25	-	-	Kingston	C40-37EM250-K	\$53.85	3/8"-16	SSE-38-16-313	15,000G6.3	F
	2.50	1.00	4.21	0.75	Spin Tru	C40-37EM250-KB	\$69.99	3/8"-16	SSE-38-16-313	20,000G2.5	D
		1.00	3.80	0.75	Parlec*	C40-37EM250-P	\$95.40	3/8"-24(1)	SSE-38-24-313(2)	-	B
		1.00	-	-	Sowa	C40-37EM250-GB	\$98.82	3/8"-24	SSE-38-24-313	20,000	C
		1.00	-	-	Techniks	C40-37EM300-T	\$78.30	3/8"-24	SSE-38-24-375	-	B
	4.00	-	-	-	Spin Tru	C40-37EM400-KB	\$73.02	3/8"-16	SSE-38-16-313	20,000G2.5	D
	4.50	1.00	3.80	0.75	Parlec*	C40-37EM450-P	\$130.50	3/8"-24(1)	SSE-38-24-313	-	A
5.00	-	-	-	Spin Tru	C40-37EM500-KB	\$73.02	3/8"-16	SSE-38-16-313	20,000G2.5	D	
	1.00	1.26	-	Lyndex	C40-37EM500-L	\$152.48	3/8"-24(1)	SSE-37-24-313	-	B	
	1.00	-	-	Sowa	C40-37EM500-GB	\$110.16	3/8"-24	SSE-38-24-313	20,000	C	
6.00	-	-	-	Kingston	C40-37EM600-K	\$60.45	3/8"-16	SSE-38-16-313	15,000G6.3	F	
	1.00	3.80	0.75	Parlec*	C40-37EM600-P	\$160.65	3/8"-24(1)	SSE-38-24-313	-	A	
	-	-	-	Spin Tru	C40-43EM175-K	\$53.85	7/16"-14	SSE-44-14-375	15,000G6.3	F	
7/16"	1.75	1.25	-	-	Kingston	C40-43EM175-K	\$53.85	7/16"-14	SSE-44-14-375	20,000G2.5	D
		1.25	-	-	Spin Tru	C40-43EM175-KB	\$69.99	7/16"-14	SSE-44-14-375	20,000G2.5	D
	2.50	-	-	-	Spin Tru	C40-43EM250-KB	\$70.50	7/16"-14	SSE-44-14-375	20,000G2.5	D
		1.25	-	-	Techniks	C40-43EM250-T	\$85.00	7/16"-20	SSE-44-20-375	-	B
		1.38	1.50	-	Lyndex	C40-43EM250-L	\$121.36	7/16"-20(1)	SSE-44-20-375	-	B
	1.38	-	-	Sowa	C40-43EM250-GB	\$87.03	7/16"-20	SSE-38-24-313	20,000	C	
2.62	1.25	3.80	0.75	Parlec*	C40-43EM262-P	\$95.40	3/8"-24(1)	SSE-38-24-313(2)	-	A	
4.00	-	-	-	Spin Tru	C40-43EM400-KB	\$73.02	7/16"-14	SSE-44-14-375	20,000G2.5	D	
	1.38	-	-	Sowa	C40-43EM400-GB	\$87.03	7/16"-20	SSE-38-24-313	20,000	C	
1/2"	1.37	-	-	-	Kingston	C40-50EM137-K	\$49.95	7/16"-14	SSE-44-14-375	15,000G6.3	F
	1.38	1.25	-	-	Spin Tru	C40-50EM138-KB	\$69.99	7/16"-14	SSE-44-14-375	20,000G2.5	D
	1.75	1.25	-	-	Kingston	C40-50EM175-K	\$53.85	7/16"-14	SSE-44-14-375	15,000G6.3	F
		1.38	3	0.88	Spin Tru	C40-50EM175-KB	\$69.99	7/16"-14	SSE-44-14-375	20,000G2.5	D
		1.75	3	0.88	Parlec*	C40-50EM175-P	\$95.40	7/16"-20(1)	SSE-44-20-375	-	A
	2.50	-	-	-	Spin Tru	C40-50EM250-KB	\$70.50	7/16"-14	SSE-44-14-375	20,000G2.5	D
1.38		1.50	-	Lyndex	C40-50EM250-L	\$107.11	7/16"-20(1)	SSE-44-20-375	-	B	
1.38	-	-	-	Sowa	C40-50EM250-GB	\$99.63	7/16"-20	SSE-44-20-375	20,000	C	

(Additional 1/2" CAT-40 Endmill Holders are located on the following page)

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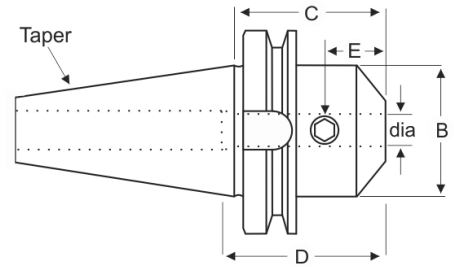
COOLANT/FLUIDS
TOOL STORAGE

CAT-40 V-FLANGE TOOLHOLDERS

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- **Spin Tru Toolholders** are balanced to 20,000 RPM @ g2.5
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CAT 40		ENDMILL HOLDERS										
Dia	C Proj.	B OD	D Max Socket Depth	E	Brand	Part Number	Price Each	Set Screw Size	Set Screw Part Number	MAX RPM Balanced Up to	Code	
1/2" (cont.)	2.62	1.25	-	-	Kingston	C40-50EM262-K	\$53.85	7/16"-14	SSE-44-14-375	15,000G6.3	F	
		1.25	3.80	0.88	Parlec*	C40-50EM262-P	\$95.40	7/16"-20(1)	SSE-44-20-375	-	A	
	4.00	1.38	-	-	-	Techniks	C40-50EM300-T	\$78.30	7/16"-20	SSE-44-20-437	-	B
			-	-	-	Spin Tru	C40-50EM400-KB	\$69.46	7/16"-14	SSE-44-14-375	20,000G2.5	D
		1.38	-	-	Lyndex	C40-50EM400-L	\$128.73	7/16"-20(1)	SSE-44-20-375	-	B	
	4.62	1.25	3.80	0.88	Parlec*	Sowa	C40-50EM400-GB	\$99.63	7/16"-20	SSE-44-20-375	20,000	C
						Kingston	C40-50EM462-P	\$130.50	7/16"-20(1)	SSE-44-20-375	-	A
	5.00	1.38	1.50	-	-	Kingston	C40-50EM500-K	\$60.45	7/16"-14	SSE-44-14-375	15,000G6.3	F
						Spin Tru	C40-50EM500-KB	\$77.98	7/16"-14	SSE-44-14-375	20,000G2.5	D
		1.38	-	-	-	Lyndex	C40-50EM500-L	\$152.48	7/16"-20(1)	SSE-44-20-375	-	B
						Sowa	C40-50EM500-GB	\$110.16	7/16"-20	SSE-44-20-375	20,000	C
	6.00	1.25	3.12	0.88	Parlec*	Kingston	C40-50EM600-K	\$60.45	7/16"-14	SSE-44-14-375	15,000G6.3	F
Spin Tru						C40-50EM600-P	\$146.25	7/16"-20(1)	SSE-44-20-375	-	A	
-		-	-	-	Kingston	C40-56EM175-K	\$53.85	7/16"-14	SSE-44-14-375	15,000G6.3	F	
9/16"	1.75	-	-	-	Spin Tru	C40-56EM175-KB	\$69.99	7/16"-14	SSE-44-14-375	20,000G2.5	D	
					Parlec	C40-56EM175-P	\$143.10	7/16"-20(1)	SSE-44-20-375	-	A	
	1.75	2.18	0.88	Kingston	C40-62EM138-K	\$49.95	9/16"-12	SSE-46-12-500	15,000G6.3	F		
5/8"	1.38	1.50	-	-	Spin Tru	C40-62EM138-KB	\$69.99	9/16"-12	SSE-46-12-500	20,000G2.5	D	
					Kingston	C40-62EM175-K	\$53.85	9/16"-12	SSE-46-12-500	15,000G6.3	F	
	1.75	1.62	2.38	0.94	Spin Tru	C40-62EM175-KB	\$69.99	9/16"-12	SSE-46-12-500	20,000G2.5	D	
						Parlec	C40-62EM175-P	\$95.40	9/16"-18(1)	SSE-56-18-430	-	A
		1.75	-	-	-	Techniks	C40-62EM175-T	\$72.25	1/2"-20	SSE-50-20-500	-	B
						Lyndex	C40-62EM175-L	\$121.36	9/16"-18(1)	SSE-56-18-500	-	B
	2.75	-	-	-	Kingston	C40-62EM275-K	\$53.85	9/16"-12	SSE-46-12-500	15,000G6.3	F	
	3.00	1.50	-	-	-	Kingston	C40-62EM300-K	\$53.85	9/16"-12	SSE-46-12-500	15,000G6.3	F
						Spin Tru	C40-62EM300-KB	\$69.99	9/16"-12	SSE-46-12-500	20,000G2.5	D
		1.65	1.61	-	-	Lyndex	C40-62EM300-L	\$115.66	9/16"-18(1)	SSE-56-18-500	-	B
						Sowa	C40-62EM300-GB	\$99.63	9/16"-18	SSE-56-18-500	20,000	C
	3.90	-	-	-	Kingston	C40-62EM390-K	\$53.85	9/16"-12	SSE-46-12-500	15,000G6.3	F	
	4.00	1.65	-	-	-	Spin Tru	C40-62EM400-KB	\$73.02	9/16"-12	SSE-46-12-500	20,000G2.5	D
						Sowa	C40-62EM400-GB	\$99.63	9/16"-18	SSE-56-18-500	20,000	C
		5.50	-	-	-	Spin Tru	C40-62EM550-KB	\$73.02	9/16"-12	SSE-46-12-500	20,000G2.5	D
7.75	1.50	-	-	-	Kingston	C40-62EM775-K	\$60.45	9/16"-12	SSE-46-12-500	15,000G6.3	F	
					Spin Tru	C40-62EM775-KB	\$74.47	9/16"-12	SSE-46-12-500	20,000G2.5	D	
3/4"	1.37	-	-	-	Kingston	C40-75EM137-K	\$49.95	5/8"-11	SSE-62-11-500	15,000G6.3	F	
					Spin Tru	C40-75EM138-KB	\$69.99	5/8"-11	SSE-62-11-500	20,000G2.5	D	
	1.75	1.75	-	-	-	Kingston	C40-75EM175-K	\$53.85	5/8"-11	SSE-62-11-500	15,000G6.3	F
						Spin Tru	C40-75EM175-KB	\$69.99	5/8"-11	SSE-62-11-500	20,000G2.5	D
		1.75	3.94	1	-	Parlec	C40-75EM175-P	\$106.20	5/8"-18(1)	SSE-62-18-500	-	A
							Techniks	C40-75EM175-T	\$80.75	5/8"-18	SSE-62-18-500	-
	1.89	1.77	-	-	Lyndex	C40-75EM175-L	\$121.36	5/8"-18(1)	SSE-62-18-500	-	B	
						Kingston	C40-75EM300-K	\$53.85	5/8"-11	SSE-62-11-500	15,000G6.3	F
	3.00	1.75	4.06	1	-	Spin Tru	C40-75EM300-KB	\$69.99	5/8"-11	SSE-62-11-500	20,000G2.5	D
						Lyndex	C40-75EM300-L	\$107.11	5/8"-18(1)	SSE-62-18-500	-	B
		1.75	-	-	-	Sowa	C40-75EM300-GB	\$99.63	5/8"-18	SSE-62-18-500	20,000	C
	3.50	1.75	3.94	1	-	Kingston	C40-75EM350-K	\$53.85	5/8"-11	SSE-62-11-500	15,000G6.3	F
Parlec*						C40-75EM350-P	\$95.40	5/8"-18(1)	SSE-62-18-500	-	A	
3.75	1.75	-	-	-	Kingston	C40-75EM375-K	\$53.85	5/8"-11	SSE-62-11-500	15,000G6.3	F	

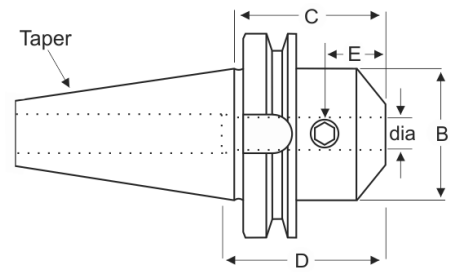
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CAT-40 V-FLANGE TOOLHOLDERS

END MILL HOLDERS



- Large selection of end mill holders from nationally recognized manufacturers
- **Kingston Toolholders** are balanced to 15,000 RPM @ g6.3
- **Spin Tru Toolholders** are balanced to 20,000 RPM @ g2.5
- Full line available from all vendors listed-please call for information



CAT 40 ENDMILL HOLDERS

Dia	C Proj.	B OD	D Max Socket Depth	E	Brand	Part Number	Price Each	Set Screw Size	Set Screw Part Number	MAX RPM Balanced Up to	Code
3/4"	4.00	—	—	—	Spin Tru	C40-75EM400-KB	\$73.02	5/8"-11	SSE-62-11-500	20,000G2.5	D
		1.75	1.77	—	Lyndex	C40-75EM400-L	\$128.73	5/8"-18(1)	SSE-62-18-500	-	B
		1.75	—	—	Sowa	C40-75EM400-GB	\$99.63	5/8"-18	SSE-62-18-500	20,000	C
	5.50	—	—	—	Spin Tru	C40-75EM550-KB	\$73.02	5/8"-11	SSE-62-11-500	20,000G2.5	D
		1.75	1.77	—	Lyndex	C40-75EM550-L	\$152.48	5/8"-18(1)	SSE-62-18-500	-	B
		1.75	—	—	Kingston	C40-75EM575-K	\$60.45	5/8"-11	SSE-62-11-500	15,000G6.3	F
7.75	1.75	—	—	Kingston	C40-75EM775-K	\$60.45	5/8"-11	SSE-62-11-500	15,000G6.3	F	
	1.75	—	—	Spin Tru	C40-75EM775-KB	\$74.47	5/8"-11	SSE-62-11-500	20,000G2.5	D	
7/8"	1.37	-	-	-	Kingston	C40-87EM137-K	\$49.95	5/8"-11	SSE-62-11-500	15,000G6.3	F
	1.38	2	-	-	Spin Tru	C40-87EM138-KB	\$69.99	5/8"-11	SSE-62-11-500	20,000G2.5	D
	1.75	2	-	-	Kingston	C40-87EM175-K	\$53.85	5/8"-11	SSE-62-11-500	15,000G6.3	F
		1.75	2.27	1	Spin Tru	C40-87EM175-KB	\$69.99	5/8"-11	SSE-62-11-500	20,000G2.5	D
	1.94	-	-	-	Sowa	C40-87EM175-GB	\$121.50	5/8"-18	SSE-62-18-500	20,000	C
		2	4.31	1	Spin Tru	C40-87EM350-KB	\$73.02	5/8"-11	SSE-62-11-500	20,000G2.5	D
	3.50	1.75	4.25	1	Parlec*	C40-87EM350-P	\$144.90	5/8"-18	SSE-62-18-500	-	A
		2.05	-	-	Techniks	C40-87EM350-T	\$87.30	5/8"-18	SSE-62-18-500	-	B
	3.75	1.88	4.25	1	Parlec*	C40-87EM375-P	\$106.20	5/8"-18(2)	SSE-62-18-500	-	B
	3.90	-	-	-	Kingston	C40-87EM390-K	\$53.85	5/8"-11	SSE-62-11-500	15,000G6.3	F
	4.00	2	-	-	Spin Tru	C40-87EM400-KB	\$73.02	5/8"-11	SSE-62-11-500	20,000G2.5	D
	6.00	2	-	-	Kingston	C40-87EM600-K	\$60.45	5/8"-11	SSE-62-11-500	15,000G6.3	F
		2	4.31	1	Spin Tru	C40-87EM600-KB	\$74.47	5/8"-11	SSE-62-11-500	20,000G2.5	D
	1.88	4.25	1	Parlec*	C40-87EM600-P	\$144.90	5/8"-18(2)	SSE-62-18-500	-	A	
		2	-	-	Kingston	C40-87EM775-K	\$60.45	5/8"-11	SSE-62-11-500	15,000G6.3	F
2	-	-	-	Spin Tru	C40-87EM775-KB	\$74.47	5/8"-11	SSE-62-11-500	20,000G2.5	D	
1"	1.37	-	-	-	Kingston	C40-10EM137-K	\$49.95	3/4"-10	SSE-75-10-563	15,000G6.3	F
	1.38	2.38	-	-	Spin Tru	C40-10EM138-KB	\$69.99	3/4"-10	SSE-75-10-563	20,000G2.5	D
	1.75	2.38	-	-	Kingston	C40-10EM175-K	\$53.85	3/4"-10	SSE-75-10-563	15,000G6.3	F
		2.38	-	-	Spin Tru	C40-10EM175-KB	\$69.99	3/4"-10	SSE-75-10-563	20,000G2.5	D
	2.00	2.38	1.12	Parlec	C40-10EM175-P	\$104.40	-	SS-029-955-P	-	A	
	2.00	-	-	-	Kingston	C40-10EM200-K	\$53.85	3/4"-10	SSE-75-10-563	15,000G6.3	F
		-	-	-	Spin Tru	C40-10EM200-KB	\$69.99	3/4"-10	SSE-75-10-563	20,000G2.5	D
	2.25	2.25	-	-	Sowa	C40-10EM200-GB	\$98.82	3/4"-16	SSE-75-16-688	20,000	C
		-	-	-	Kingston	C40-10EM225-K	\$53.85	3/4"-10	SSE-75-10-563	15,000G6.3	F
	3.00	-	-	-	Spin Tru	C40-10EM225-KB	\$69.99	3/4"-10	SSE-75-10-563	20,000G2.5	D
		2.38	-	-	Kingston	C40-10EM300-K	\$53.85	3/4"-10	SSE-75-10-563	15,000G6.3	F
	4.00	2.38	-	-	Spin Tru	C40-10EM300-KB	\$69.99	3/4"-10	SSE-75-10-563	20,000G2.5	D
		2.00	3.00	1.12	Parlec	C40-10EM300-P	\$127.35	5/8"-18(2)	SSE-62-18-500	-	A
		2.38	-	-	Kingston	C40-10EM400-K	\$53.85	3/4"-10	SSE-75-10-563	15,000G6.3	F
	6.00	1.75	2.75	1.13	Spin Tru	C40-10EM400-KB	\$69.46	3/4"-10	SSE-75-10-563	20,000G2.5	D
2.00		4.50	1.12	Parlec*	C40-10EM400-P	\$106.20	3/4"-16(2)	SSE-75-16-500	-	A	
2.36		2.36	-	Lyndex	C40-10EM400-L	\$119.23	3/4"-16(2)	SSE-75-16-688	-	B	
2.36		-	-	Sowa	C40-10EM400-GB	\$99.63	3/4"-16	SSE-75-16-688	20,000	C	
8.00	2.38	-	-	Kingston	C40-10EM600-K	\$60.45	3/4"-10	SSE-75-10-563	15,000G6.3	F	
	2.00	4.43	1.13	Spin Tru	C40-10EM600-KB	\$74.47	3/4"-10	SSE-75-10-563	20,000G2.5	D	
	2.36	2.36	-	Lyndex	C40-10EM600-L	\$137.75	3/4"-16(2)	SSE-75-16-688	-	B	
	2.36	-	-	Sowa	C40-10EM600-GB	\$138.06	3/4"-16	SSE-75-16-688	20,000	C	
2.38	-	-	-	Kingston	C40-10EM800-K	\$60.45	3/4"-10	SSE-75-10-563	15,000G6.3	F	
	2.38	-	-	Spin Tru	C40-10EM800-KB	\$74.47	3/4"-10	SSE-75-10-563	20,000G2.5	D	

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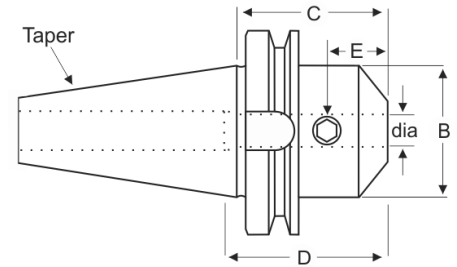
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CAT-40 V-FLANGE TOOLHOLDERS

END MILL HOLDERS



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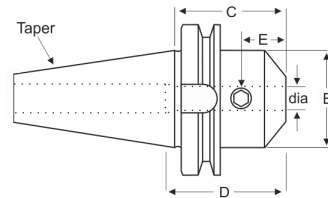
CAT 40 ENDMILL HOLDERS

Dia	C Proj.	B OD	D Max Socket Depth	E	Brand	Part Number	Price Each	Set Screw Size	Set Screw Part Number	MAX RPM Balanced Up to	Code
1-1/4"	2.00	2.50	-	-	Kingston	C40-12EM200-K	\$53.85	3/4"-10	SSE-75-10-500	15,000G6.3	F
		2.25	2.25	1.13	Spin Tru	C40-12EM200-KB	\$69.99	3/4"-10	SSE-75-10-500	20,000G2.5	D
		2.25	2.28	-	Lyndex	C40-12EM200-L	\$144.88	3/4"-16(1)	SSE-75-16-688	-	B
		2.25	-	-	Sowa	C40-12EM200-GB	\$108.00	3/4"-16	SSE-75-16-688	20,000	C
	4.00	-	-	-	Spin Tru	C40-12EM400-KB	\$73.02	3/4"-10	SSE-75-10-500	20,000G2.5	D
		2.25	3.75	1.12	Parlec	C40-12EM400-P	\$117.90	3/4"-16(2)	SSE-75-16-625	-	A
		2.48	2.55	-	Lyndex	C40-12EM400-L	\$136.33	3/4"-16(2)	SSE-75-16-688	-	B
		2.48	-	-	Sowa	C40-12EM400-GB	\$99.63	3/4"-16	SSE-75-16-688	20,000	C
	4.25	2.50	-	-	Kingston	C40-12EM425-K	\$53.85	3/4"-10	SSE-75-10-500	15,000G6.3	F
	4.60	2.75	-	-	Techniks	C40-12EM460-T	\$97.20	3/4"-16	SSE-75-16-625	-	B
	6.00	-	-	-	Kingston	C40-12EM600-K	\$60.45	3/4"-10	SSE-75-10-500	15,000G6.3	F
		-	-	-	Spin Tru	C40-12EM600-KB	\$74.47	3/4"-10	SSE-75-10-500	20,000G2.5	D
2.50		3.75	1.12	Parlec	C40-12EM600-P	\$160.65	3/4"-16(2)	SSE-75-16-625	-	A	
8.00	2.50	-	-	Kingston	C40-12EM800-K	\$60.45	3/4"-10	SSE-75-10-500	15,000G6.3	F	
	2.50	-	-	Spin Tru	C40-12EM800-KB	\$74.47	3/4"-10	SSE-75-10-500	20,000G2.5	D	
1-1/2"	4.00	-	-	-	Kingston	C40-15EM400-K	\$53.85	3/4"-10	SSE-75-10-500	15,000G6.3	F
	-	2.62	2.38	1.12	Parlec	C40-15EM400-P	\$133.20	3/4"-16(2)	SSE-75-16-625	-	B
	4.35	-	-	-	Kingston	C40-15EM435-K	\$53.85	3/4"-10	SSE-75-10-688	15,000G6.3	F
	2.99	2.55	-	-	Lyndex	C40-15EM450-L	\$146.30	3/4"-16(2)	SSE-75-16-688	-	B
	2.99	-	-	-	Sowa	C40-15EM450-GB	\$119.88	3/4"-16	SSE-75-16-688	20,000	C
	4.62	2.62	2.38	1.12	Parlec	C40-15EM462-P	\$135.45	3/4"-16(2)	SSE-75-16-625	-	A
	6.00	-	-	-	Spin Tru	C40-15EM600-KB	\$75.54	3/4"-10	SSE-75-10-688	20,000G2.5	D
	6.62	2.75	-	-	Kingston	C40-15EM662-K	\$60.45	3/4"-10	SSE-75-10-688	15,000G6.3	F
8.63	2.75	-	-	Kingston	C40-15EM863-K	\$60.45	3/4"-10	SSE-75-10-688	15,000G6.3	F	
	2.75	-	-	Spin Tru	C40-15EM863-KB	\$74.47	3/4"-10	SSE-75-10-688	20,000G2.5	D	

CAT 40 METRIC END MILL HOLDERS



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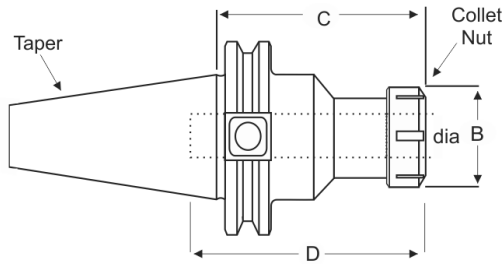


A Dia.	C Proj.	B OD	D Max Socket Depth	Brand	Part Number	Price Each	Set Screw Size	Set Screw Part Number	Code
6MM	2.50	0.78	1.10	Lyndex	C40-M06EM250-L	\$132.53	1/4"-28	SSE-25-28-250	B
8MM	2.50	0.87	1.25	Lyndex	C40-M08EM250-L	\$132.53	5/16"-24	SSE-31-24-250	B
10MM	2.50	1.00	1.25	Lyndex	C40-M10EM250-L	\$132.53	3/8"-24	SSE-37-24-313	B
12MM	2.50	1.38	1.50	Lyndex	C40-M12EM250-L	\$132.53	7/16"-20	SSE-44-20-375	B
	2.62	1.25	3.50	Parlec	C40-M12EM262-P	\$132.30	7/16"-20	SSE-44-20-375	A
14MM	3.00	1.65	1.61	Lyndex	C40-M14EM300-L	\$144.40	9/16"-18	SSE-56-18-500	B
16MM	2.75	1.50	2.13	Parlec	C40-M16EM275-P	\$132.30	9/16"-18	SSE-56-18-430	A
	3.00	1.65	1.61	Lyndex	C40-M16EM300-L	\$132.53	9/16"-18	SSE-56-18-500	B
18MM	3.00	1.75	1.77	Lyndex	C40-M18EM300-L	\$132.53	5/8"-18x1/2	SSE-62-18-500	B
20MM	3.00	1.75	1.77	Lyndex	C40-M20EM300-L	\$132.53	5/8"-18x1/2	SSE-62-18-500	B
	3.50	1.75	2.25	Parlec	C40-M20EM350-P	\$132.30	5/8"-18	SSE-62-18-500	A
25MM	4.00	2.00	3.00	Parlec	C40-M25EM400-P	\$158.85	3/4"-16(2)	SSE-75-16-500	A
	4.00	2.36	2.36	Lyndex	C40-M25EM400-L	\$137.99	3/4"-16(2)	SSE-75-16-688	B
32MM	4.00	2.48	2.36	Lyndex	C40-M32EM400-L	\$153.90	3/4"-16(2)	SSE-75-16-688	B

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CAT-40 V-FLANGE ER COLLET CHUCKS

ER COLLET CHUCKS



C Proj.	B Nut Dia.	D Socket Depth	Nut Tight. Torque (ft.lbs.)	Brand	Part Number	Price Each	MAX RPM Balanced Up to	Collet Nut	Wrench	Code
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ER 8 ER-8 Collet Series- 0.019-0.196 (0.5mm-5mm)										
2.50	0.47	-	-	Lyndex	C40-08ER250-L	\$202.59	-	CN-ER08-L	WR-ER08-L	B

ER 11 ER-11 Collet Series- 0.020-0.275 (0.5mm-7mm)										
2.50	0.75	-	22	KINGSTON	C40-11ER250-K	\$79.95	15,000G6.3	CN-ER11-K	WR-ER11-K	F
	0.75	2.25	22	SPIN TRU	C40-11ER250-KB	\$93.08	20,000G2.5	CN-ER11-K	WR-ER11-K	D
	0.75	2.25	22	Parlec	C40-11ER250-P	\$160.38	-	CN-ER11-P	WR-ER11-P	A
	0.75	-	22	Lyndex	C40-11ER250-L	\$198.64	-	CN-ER11-L	WR-ER11-L	B
2.75	0.63	-	14	Techniks	C40-11ER275M-T	\$152.10	18,000G2.5	CN-ER11MN-T	WR-ER11MN-T	B
4.00	0.75	2.25	22	SPIN TRU	C40-11ER400-KB	\$90.39	20,000G2.5	CN-ER11-K	WR-ER11-K	D
	0.75	-	22	Lyndex	C40-11ER400-L	\$213.99	-	CN-ER11-L	WR-ER11-L	B
6.00	0.75	-	22	KINGSTON	C40-11ER600-K	\$87.95	15,000G6.3	CN-ER11-K	WR-ER11-K	F
	0.75	2.25	22	SPIN TRU	C40-11ER600-KB	\$98.07	20,000G2.5	CN-ER11-K	WR-ER11-K	D
	0.75	-	22	Sowa	C40-11ER600-GB	\$170.91	20000	CN-ER11-G	WR-ER11-G	C

ER 16 ER-16 Collet Series-.020 - 0.393 (0.5mm - 10mm)										
2.25	1.26	-	52	Lyndex	C40-16ER225-L	\$201.40	-	CN-ER16-L	WR-ER16-L	B
2.50	1.10	-	52	KINGSTON	C40-16ER250-K	\$79.95	15,000G6.3	CN-ER16-K	WR-ER16-K	F
	1.10	-	52	SPIN TRU	C40-16ER250-KB	\$93.08	20,000G2.5	CN-ER16-K	WR-ER16-K	D
2.62	1.11	2.55	52	Parlec	C40-16ER262-P	\$189.90	-	CN-ER16PN-P	WR-ER16-P	A
3.12	1.10	-	52	KINGSTON	C40-16ER312-K	\$82.45	15,000G6.3	CN-ER16-K	WR-ER16-K	F
	1.10	-	52	SPIN TRU	C40-16ER312-KB	\$93.08	20,000G2.5	CN-ER16-K	WR-ER16-K	D
	1.11	2.12	52	Parlec	C40-16ER312-P	\$191.70	-	CN-ER16PN-P	WR-ER16-P	A
3.50	1.10	2.76	52	SPIN TRU	C40-16ER350-KB	\$90.39	20,000G2.5	CN-ER16-K	WR-ER16-K	D
	1.26	-	52	Lyndex	C40-16ER350-L	\$190.95	-	CN-ER16-L	WR-ER16-L	B
4.00	1.10	2.76	52	SPIN TRU	C40-16ER400-KB	\$92.49	20,000G2.5	CN-ER16-K	WR-ER16-K	D
	1.26	-	50	Techniks	C40-16ER400-T	\$136.80	18,000G2.5	CN-ER16-T	WR-ER16-T	B
	1.26	-	52	Sowa	C40-16ER400-GB	\$153.90	20000	CN-ER16-G	WR-ER16-G	C
5.00	1.10	-	52	KINGSTON	C40-16ER500-K	\$87.95	15,000G6.3	CN-ER16-K	WR-ER16-K	F
	1.10	-	52	SPIN TRU	C40-16ER500-KB	\$98.07	20,000G2.5	CN-ER16-K	WR-ER16-K	D
5.12	1.11	2.12	52	Parlec	C40-16ER512-P	\$208.35	-	CN-ER16PN-P	WR-ER16-P	A
6.00	1.10	2.76	52	SPIN TRU	C40-16ER600-KB	\$98.07	20,000G2.5	CN-ER16-K	WR-ER16-K	D
	1.26	-	52	Lyndex	C40-16ER600-L	\$213.99	-	CN-ER16-L	WR-ER16-L	B
8.00	1.26	-	50	Techniks	C40-16ER800-T	\$170.10	18,000G2.5	CN-ER16-T	WR-ER16-T	B

ER 20 ER-20 Collet Series-.020 - 0.500 (0.5mm - 12.7mm)										
2.50	1.34	-	74	KINGSTON	C40-20ER250-K	\$82.45	15,000G6.3	CN-ER20-K	WR-ER20-K	F
	1.34	-	74	SPIN TRU	C40-20ER250-KB	\$93.08	20,000G2.5	CN-ER20-K	WR-ER20-K	D
	1.38	-	74	Lyndex	C40-20ER250-L	\$190.95	-	CN-ER20-L	WR-ER20-L	B
3.12	1.34	-	74	KINGSTON	C40-20ER312-K	\$82.45	15,000G6.3	CN-ER20-K	WR-ER20-K	F
	1.34	-	74	SPIN TRU	C40-20ER312-KB	\$93.08	20,000G2.5	CN-ER20-K	WR-ER20-K	D
4.00	1.34	-	74	KINGSTON	C40-20ER400-K	\$82.45	15,000G6.3	CN-ER20-K	WR-ER20-K	F
	1.34	3.15	74	SPIN TRU	C40-20ER400-KB	\$92.49	20,000G2.5	CN-ER20-K	WR-ER20-K	D
	1.38	-	74	Techniks	C40-20ER400-T	\$136.80	18,000G2.5	CN-ER20-T	WR-ER20-T	B
	1.38	-	74	Sowa	C40-20ER400-GB	\$154.71	20000	CN-ER20-G	WR-ER20-G	C

(Additional ER 20 CAT-40 Collet Chucks are located on the following page)

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CARBIDE INSERTS
THREADING/GROOVING

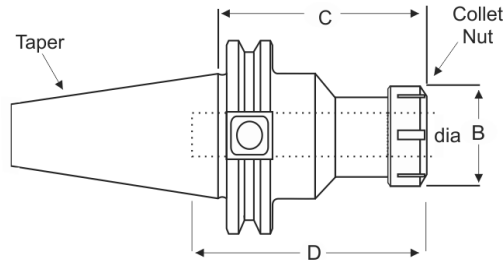
CUTTING TOOLS
MACHINERY

PRECISION TOOLS
DEBURRING

COOLANT/FLUIDS
TOOL STORAGE

CAT-40 V-FLANGE ER COLLET CHUCKS

ER COLLET CHUCKS



C Proj.	B Nut Dia.	D Socket Depth	Nut Tight. Torque (ft.lbs.)	Brand	Part Number	Price Each	MAX RPM Balanced Up to	Collet Nut	Wrench	Code
ER 20 ER-20 Collet Series-.020 - 0.500 (0.5mm - 12.7mm)-continued from previous page										
4.12	1.34	4.00	74	Parlec	C40-20ER412-P	\$195.75	-	CN-ER20-P	WR-ER20-P	A
6.00	1.34	-	74	KINGSTON	C40-20ER600-K	\$87.95	12,000G6.3	CN-ER20-K	WR-ER20-K	F
	1.34	-	74	SPIN TRU	C40-20ER600-KB	\$98.07	20,000G2.5	CN-ER20-K	WR-ER20-K	D
8.12	1.34	4.00	74	Parlec	C40-20ER812-P	\$246.60	-	CN-ER20-P	WR-ER20-P	A
ER 25 ER-25 Collet Series-.039 - 0.630 (1mm - 16mm)										
2.50	1.65	-	95	KINGSTON	C40-25ER250-K	\$82.45	15,000G6.3	CN-ER25-K	WR-ER25-K	F
	1.65	-	95	SPIN TRU	C40-25ER250-KB	\$95.48	20,000G2.5	CN-ER25-K	WR-ER25-K	D
	1.65	-	95	Techniks	C40-25ER250-T	\$143.00	18,000G2.5	CN-ER25-T	WR-ER25-T	B
	1.65	-	95	Sowa	C40-25ER250-GB	\$152.28	20000	CN-ER25-G	WR-ER25-G	C
2.62	1.67	2.50	95	Parlec	C40-25ER262-P	\$196.65	-	CN-ER25-P	WR-ER25-P	A
4.00	1.65	-	95	KINGSTON	C40-25ER400-K	\$82.45	15,000G6.3	CN-ER25-K	WR-ER25-K	F
	1.65	-	95	SPIN TRU	C40-25ER400-KB	\$92.49	20,000G2.5	CN-ER25-K	WR-ER25-K	D
	1.65	-	95	Techniks	C40-25ER400-T	\$147.60	18,000G2.5	CN-ER25-T	WR-ER25-T	B
	1.65	-	95	Lyndex	C40-25ER400-L	\$213.99	-	CN-ER25-L	WR-ER25-L	B
	1.65	-	95	Sowa	C40-25ER400-GB	\$165.24	20000	CN-ER25-G	WR-ER25-G	C
6.00	1.65	-	95	KINGSTON	C40-25ER600-K	\$87.95	15,000G6.3	CN-ER25-K	WR-ER25-K	F
	1.65	-	95	SPIN TRU	C40-25ER600-KB	\$98.07	20,000G2.5	CN-ER25-K	WR-ER25-K	D
8.00	1.65	-	95	Techniks	C40-25ER800-T	\$170.10	18,000G2.5	CN-ER25-T	WR-ER25-T	B
ER 32 ER-32 Collet Series-.040 - 0.810 (1mm - 20.6mm)										
1.06	1.97	-	125	SPIN TRU	C40-32ER106-KB	\$88.12	20,000G2.5	CN-ER32-K	WR-ER32-K	D
1.69	1.97	-	125	SPIN TRU	C40-32ER169-KB	\$88.12	20,000G2.5	CN-ER32-K	WR-ER32-K	D
2.50	1.97	-	125	KINGSTON	C40-32ER250-K	\$82.45	15,000G6.3	CN-ER32-K	WR-ER32-K	F
	1.97	3.46	125	SPIN TRU	C40-32ER250-KB	\$93.08	20,000G2.5	CN-ER32-K	WR-ER32-K	D
2.76	1.97	-	125	Techniks	C40-32ER276-T	\$145.80	18,000G2.5	CN-ER32-T	WR-ER32-T	B
3.00	1.97	-	125	KINGSTON	C40-32ER300-K	\$82.45	15,000G6.3	CN-ER32-K	WR-ER32-K	F
3.12	1.97	4.00	125	Parlec	C40-32ER312-P	\$215.10	-	CN-ER32-P	WR-ER32-P	A
3.13	1.97	3.46	125	SPIN TRU	C40-32ER313-KB	\$88.12	20,000G2.5	CN-ER32-K	WR-ER32-K	D
	1.97	-	125	Lyndex	C40-32ER313-L	\$190.95	-	CN-ER32-L	WR-ER32-L	B
	1.97	-	125	Sowa	C40-32ER313-GB	\$170.91	20000	CN-ER32-G	WR-ER32-G	C
4.00	1.97	-	125	KINGSTON	C40-32ER400-K	\$82.45	15,000G6.3	CN-ER32-K	WR-ER32-K	F
	1.97	3.94	125	SPIN TRU	C40-32ER400-KB	\$92.49	20,000G2.5	CN-ER32-K	WR-ER32-K	D
5.00	1.97	3.94	125	SPIN TRU	C40-32ER500-KB	\$92.66	20,000G2.5	CN-ER32-K	WR-ER32-K	D
	1.97	-	125	Lyndex	C40-32ER500-L	\$213.99	-	CN-ER32-L	WR-ER32-L	B
6.00	1.97	-	125	KINGSTON	C40-32ER600-K	\$87.95	15,000G6.3	CN-ER32-K	WR-ER32-K	F
	1.97	-	125	SPIN TRU	C40-32ER600-KB	\$98.07	20,000G2.5	CN-ER32-K	WR-ER32-K	D
8.00	1.97	-	125	Techniks	C40-32ER600-T	\$164.70	18,000G2.5	CN-ER32-T	WR-ER32-T	B
	1.97	-	125	Techniks	C40-32ER800-T	\$185.40	18,000G2.5	CN-ER32-T	WR-ER32-T	B

CNC TOOL TOTE RACKS

- Built-in end handles for comfortable carrying
- Bench mount, hand carry, or mount on top
- Made of heavy gauge steel
- Nylon inserts help protect tooling
- Painted texture black powder coating

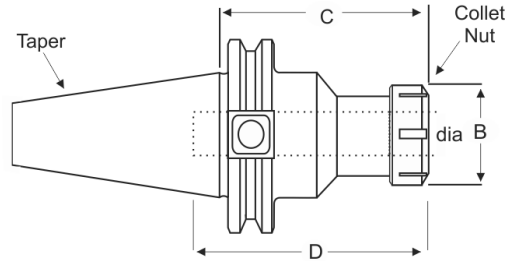


Tool Size	Cap.	Part Number	Price
40 Taper Tools	6	HU-14780	\$68.00
50 Taper Tools	5	HU-14790	\$68.00

Call Us Today For All Of Your Machine Tool Needs!

CAT-40 V-FLANGE ER COLLET CHUCKS

ER COLLET CHUCKS



C Proj.	B Nut Dia.	D Socket Depth	Nut Tight. Torque (ft.lbs.)	Brand	Part Number	Price Each	MAX RPM Balanced Up to	Collet Nut	Wrench	Code	
ER 40 ER-40 Collet Series-.040 - 0.810 (1mm - 20.6mm)											
2.50	2.48	-	140	Kingston	C40-40ER250-K	\$82.45	15,000G6.3	CN-ER40-K	WR-ER40-K	F	
	2.48	3.1	140	Spin Tru	C40-40ER250-KB	\$93.08	20,000G2.5	CN-ER40-K	WR-ER40-K	D	
	2.48	-	140	Sowa	C40-40ER250-GB	\$170.91	20000	CN-ER40-G	WR-ER40-G	C	
3.00	2.48	-	140	Kingston	C40-40ER300-K	\$82.45	15,000G6.3	CN-ER40-K	WR-ER40-K	F	
	2.48	3.10	140	Spin Tru	C40-40ER313-KB	\$88.12	20,000G2.5	CN-ER40-K	WR-ER40-K	D	
	2.48	-	140	Lyndex	C40-40ER313-L	\$197.84	-	CN-ER40-L	WR-ER40-L	B	
3.13	2.48	-	140	Sowa	C40-40ER313-GB	\$170.91	20000	CN-ER40-G	WR-ER40-G	C	
	2.48	-	140	Techniks	C40-40ER315-T	\$152.10	18,000G2.5	CN-ER40-T	WR-ER40-T	B	
	2.48	-	140	Kingston	C40-40ER400-K	\$82.45	15,000G6.3	CN-ER40-K	WR-ER40-K	F	
4.00	2.48	5.91	140	Spin Tru	C40-40ER400-KB	\$92.49	20,000G2.5	CN-ER40-K	WR-ER40-K	D	
	4.12	2.36	4.00	162	Parlec	C40-40ER412-P	\$221.85	-	CN-ER40-P	WR-ER40-P	A
	5.00	2.48	5.91	140	Spin Tru	C40-40ER500-KB	\$92.66	20,000G2.5	CN-ER40-K	WR-ER40-K	D
6.00	2.48	-	140	Lyndex	C40-40ER500-L	\$221.83	-	CN-ER40-L	WR-ER40-L	B	
	2.48	-	140	Kingston	C40-40ER600-K	\$87.95	15,000G6.3	CN-ER40-K	WR-ER40-K	F	
	2.48	-	140	Spin Tru	C40-40ER600-KB	\$98.07	20,000G2.5	CN-ER40-K	WR-ER40-K	D	
	2.48	-	140	Techniks	C40-40ER600-T	\$180.00	18,000G2.5	CN-ER40-T	WR-ER40-T	B	

ER COLLET SETS INCH & METRIC SIZES



- Concentricity is 13 microns or 0.0005" TIR or better
- Manufactured with Swiss technology
- Crafted from high quality European alloy spring steel
- **TRUE INCH** and metric sizes
- **Fractional Collets** manufactured specifically for US market requirements
- 16 slot construction for rigid clamping and extra concentricity
- Accu-Collets improve tool life, part finish and reduces spindle wear
- Can be used for drilling, milling, tapping and reaming



Type	Style	Description	No. Of Collets	Part Number	Set Price
ER-8	Metric	1mm to 5mm x .5mm	9	08-SET9	\$118.00
	Inch	1/16"-3/16" x 1/64	9	08-SET9-INCH	\$118.00
ER-11	Metric	1mm to 7mm x .5mm	13	11-SET13	\$105.00
	Inch	1/16"-1/4" x 1/32	7	11-SET7-INCH	\$52.50
ER-16	Inch	1/16" - 1/4" x 1/64	13	11-SET13-INCH	\$105.00
	Metric	1mm to 10mm x 1mm	10	16-SET10	\$78.75
ER-20	Inch	1/16" - 3/8" x 1/32"	11	16-SET11-INCH	\$87.50
	Metric	1mm to 13mm x 1mm	12	20-SET12	\$107.25
ER-25	Inch	1/16" - 1/2" x 1/32"	15	20-SET15-INCH	\$136.50
	Metric	2mm to 16mm x 1mm	15	25-SET15	\$136.50
ER-32	Inch	3/32" - 5/8" x 1/32"	18	25-SET18-INCH	\$165.75
	Metric	3mm to 20mm x 1mm	18	32-SET18	\$174.25
ER-40	Inch	1/8"-3/4" x 1/32"	21	32-SET21-INCH	\$205.00
	Metric	4mm to 26mm x 1mm	23	40-SET23	\$247.50
	Inch	1/8"-1" x 1/16"	15	40-SET15-INCH	\$157.50
	Inch	1/8" - 1" x 1/32"	29	40-SET29-INCH	\$315.00

TOOL FIXTURES



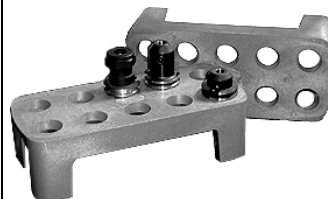
- FEATURES:**
- Holds your CAT-40/50 Tool Holders and keeps them from moving while being tightened.
 - Universal Handle makes it easy to use in any position.

Taper	Part Number	Price Each
CAT 40	TF-4001-K	\$74.99
CAT 50	TF-5001-K	\$93.50



PLASTIC HOLDING TRAYS For CAT or BT Taper Toolholders

BEST VALUE



- Sturdy trays are available for CAT/BT 30, CAT/BT 40 and 50 taper toolholders
- An inexpensive way to organize your tool holders.

Taper Size	No. of Holes	Part Number	Price Each
CAT/BT30	10	TRAY30-10	\$29.95
CAT/BT40	10	TRAY40-10	\$29.95
CAT/BT 50	6	TRAY50-6	\$34.95

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LATHE CHUCKS
LIVE CENTERS

WISE JAWS
WISE ACCESSORIES

STRAIGHT SHANK
COLLET HOLDERS

TAP HOLDERS
DRILL CHUCKS

CARBIDE INSERTS
THREADING/GROOVING

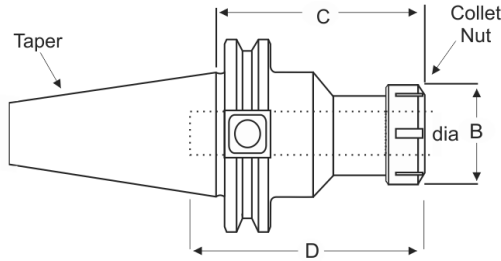
CUTTING TOOLS
MACHINERY

PRECISION TOOLS
DEBURRING

COOLANT/FLUIDS
TOOL STORAGE

CAT-40 V-FLANGE DA COLLET CHUCKS

DA SERIES COLLET CHUCKS



C Proj.	B Nut Dia.	D Socket Depth	Nut Tight. Torque (ft.lbs.)	Brand	Part Number	Price Each	MAX RPM Balanced Up to	Collet Nut	Wrench	Code
DA 100 DA100 Collet Series-.062 - 0.562 (1.587mm - 14.287mm)										
3.50	-	-	-	Kingston	C40-10DA350-K	\$87.84	15,000G6.3	CN-DA100-K	WR-DA100-K	F
	1.06	-	-	Lyndex	C40-10DA350-L	\$167.20	-	CN-DA100-L	WR-DA100-L	B
6.00	1.06	-	-	Lyndex	C40-10DA600-L	\$188.10	-	CN-DA100-L	WR-DA100-L	B

DA 180 DA180 Collet Series-.031 - 0.750 (.800mm - 19mm)										
2.95	1.44	3.00	40	Parlec	C40-18DA295-P	\$160.65	-	CN-DA180-L-P	WR-DA180-L-P	A
3.00	-	-	-	Kingston	C40-18DA300-K	\$87.84	15,000G6.3	CN-DA180-K	WR-DA180-K	F
4.00	1.44	-	-	Lyndex	C40-18DA400-L	\$167.20	-	CN-DA180-L	WR-DA180-L	B
5.15	-	-	-	Kingston	C40-18DA515-K	\$98.84	15,000G6.3	CN-DA180-K	WR-DA180-K	F
	1.44	4.88	40	Parlec	C40-18DA515-P	\$190.80	-	CN-DA180-L-P	WR-DA180-L-P	A
6.00	1.44	-	-	Lyndex	C40-18DA600-L	\$188.10	-	CN-DA180-L	WR-DA180-L	B

DA 200 DA200 Collet Series-.031 - 0.375 (.800mm - 9.5mm)										
2.73	1.10	2.50	30	Parlec	C40-20DA273-P	\$160.65	-	CN-DA200-P	WR-DA200-P	A
2.75	-	-	-	Kingston	C40-20DA275-K	\$87.84	15,000G6.3	CN-DA200-K	WR-DA200-K	F
3.00	-	-	-	Kingston	C40-20DA300-K	\$87.84	15,000G6.3	CN-DA200-K	WR-DA200-K	F
	0.81	3.00	30	Parlec	C40-20DA300-P	\$169.65	-	CN-DA200-L-P	WR-DA200-L-P	A
	0.86	-	-	Lyndex	C40-20DA300-L	\$169.10	-	CN-DA200-L	WR-DA200-L	B
5.00	-	-	-	Kingston	C40-20DA500-K	\$98.84	15,000G6.3	CN-DA200-K	WR-DA200-K	F
	0.81	5.00	30	Parlec	C40-20DA500-P	\$212.40	-	CN-DA200-L-P	WR-DA200-L-P	A

DA 300 DA300 Collet Series-.031 - 0.250 (.800mm - 6.4mm)										
3.00	0.55	-	-	Lyndex	C40-30DA300-L	\$169.10	-	CN-DA300-L	WR-DA300-L	B
3.38	-	-	-	Kingston	C40-30DA338-K	\$87.84	15,000G6.3	CN-DA300-K	WR-DA300-K	F
	0.62	3.00	25	Parlec	C40-30DA338-P	\$169.65	-	CN-DA300-P	WR-DA300-P	A
5.15	0.62	3.00	25	Parlec	C40-30DA515-P	\$212.40	-	CN-DA300-P	WR-DA300-P	A

DA COLLET SETS



FEATURES:

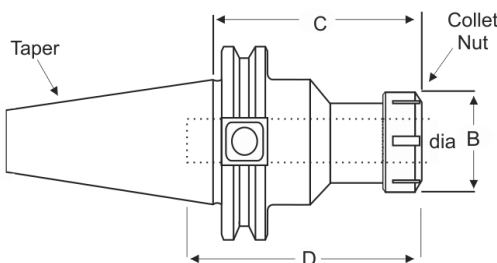
- DA Collets collapse approx. 1/32"
- Machined to exacting standards
- Ideal choice for high speed and high precision drilling operations
- Tolerance: 0.0003" at collet nose
- Customized sets available! Please call for more information

Collet Series	Description	Part Number	Price
DA300	9 Pieces (1/8"-1/4") by 64ths	DA300-SET9	\$99.00
DA200	17 Pieces (1/8"-3/8") by 64ths	DA200-SET17	\$187.00
DA100	29 Pieces (1/8"-9/16") by 64ths	DA100-SET29	\$319.00
DA180	33 Pieces(1/4-3/4) by 64ths	DA180-SET33	\$445.50
DA180	21 Pieces(1/8-3/4) by 32nds	DA180-SET21	\$283.50

Call Us Today For All Of Your Machine Tool Needs!

CAT-40 V-FLANGE TG & AF COLLET CHUCKS

TG SERIES COLLET CHUCKS



C Proj.	B Nut Dia.	D Socket Depth	Nut Tight. Torque (ft.lbs.)	Brand	Part Number	Price Each	MAX RPM Balanced Up to	Collet Nut	Wrench	Code
TG 075 TG-75 Collet Series-3/64 to 3/4 (1.2mm - 19.1mm)										
2.50	1.89	-	60	Lyndex	C40-75TG250-L	\$152.95	-	CN-TG075-L	WR-TG075-L	B
2.75	1.97	-	60	Spin Tru	C40-75TG275-KB	\$83.01	20,000G2.5	CN-TG075-K	WR-TG075-K	D
	1.88	-	100	Techniks	C40-75TG275-T	\$194.40	18,000G2.5	CN-TG075-T	WR-TG075-T	B
3.00	1.97	-	60	Kingston	C40-75TG300-K	\$65.95	15,000G6.3	CN-TG075-K	WR-TG075-K	F
	2.1	3	60	Parlec	C40-75TG300-P	\$139.05	-	CN-TG075-P	WR-TG075-P	A
6.00	1.97	-	60	Kingston	C40-75TG600-K	\$84.65	15,000G6.3	CN-TG075-K	WR-TG075-K	F
	1.97	-	60	Spin Tru	C40-75TG600-KB	\$113.41	20,000G2.5	CN-TG075-K	WR-TG075-K	D
TG 100 TG-100 Collet Series-5/64 to 1" (2mm - 25.4mm)										
2.75	2.50	-	60	Lyndex	C40-10TG275-L	\$152.95	-	CN-TG100-L	WR-TG100-L	B
3.00	2.44	-	60	Kingston	C40-10TG300-K	\$65.95	15,000G6.3	CN-TG100-K	WR-TG100-K	F
	2.44	-	60	Spin Tru	C40-10TG300-KB	\$82.15	20,000G2.5	CN-TG100-K	WR-TG100-K	D
	2.44	3.35	60	Parlec	C40-10TG300-P	\$117.90	-	CN-TG100-P	WR-TG100-P	A
	2.36	-	100	Techniks	C40-10TG300-T	\$99.90	18,000G2.5	CN-TG100-T	WR-TG100-T	B
4.00	2.44	-	60	Kingston	C40-10TG400-K	\$84.65	15,000G6.3	CN-TG100-K	WR-TG100-K	F
	2.44	-	60	Spin Tru	C40-10TG400-KB	\$105.44	20,000G2.5	CN-TG100-K	WR-TG100-K	D
	2.36	-	100	Techniks	C40-10TG400-T	\$104.40	18,000G2.5	CN-TG100-T	WR-TG100-T	B
5.00	2.44	-	60	Kingston	C40-10TG500-K	\$84.65	15,000G6.3	CN-TG100-K	WR-TG100-K	F
	2.44	4.54	60	Parlec	C40-10TG500-P	\$120.60	-	CN-TG100-P	WR-TG100-P	A
5.50	2.44	-	60	Kingston	C40-10TG550-K	\$84.65	15,000G6.3	CN-TG100-K	WR-TG100-K	F
	2.44	-	60	Sowa	C40-10TG550-GB	\$128.79	20000	CN-TG100-G	WR-TG100-G	C
6.00	2.44	-	60	Kingston	C40-10TG600-K	\$84.65	15,000G6.3	CN-TG100-K	WR-TG100-K	F
	2.44	-	60	Spin Tru	C40-10TG600-KB	\$113.41	20,000G2.5	CN-TG100-K	WR-TG100-K	D
6.50	2.44	-	60	Kingston	C40-10TG650-K	\$84.65	15,000G6.3	CN-TG100-K	WR-TG100-K	F
	2.44	6.00	60	Parlec	C40-10TG650-P	\$133.20	-	CN-TG100-P	WR-TG100-P	A
TG 150 TG-150 Collet Series-23/64 to 1-1/2" (9.1mm - 38.1mm)										
4.88	3.50	-	70	Kingston	C40-15TG488-K	\$84.65	15,000G6.3	CN-TG150-K	WR-TG100-K	F
	3.50	-	70	Spin Tru	C40-15TG488-KB	\$105.44	20,000G2.5	CN-TG150-K	WR-TG100-K	D
6.00	3.50	-	70	Lyndex	C40-15TG600-L	\$335.59	-	CN-TG150-L	WR-TG150-L	B

TG COLLET SETS

FEATURES:

- TG Collets collapse approx. 1/64"
- Machined to exacting standards
- Ideal choice for high speed and high precision milling and drilling operations
- Tolerance: 0.0003" at collet nose
- Sets available in TG 75, 100 & 150
- Different set quantities available

Accu-Collets



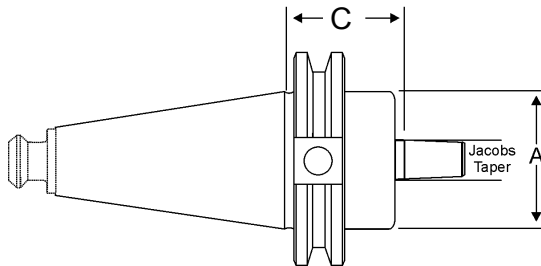
Collet Series	Set Qty	Range	Part Number	Price
TG 75	11	1/8"-3/4"-16ths	075-SET11	\$203.50
	22	1/8"-3/4"-32nds	075-SET22	\$407.00
	43	3/32"-3/4"-64ths	075-SET43	\$795.50
TG 100	59	3/32"-1"-64ths	100-SET59	\$1,121.00
	41	3/8"-1"-64ths	100-SET41	\$779.00
	30	3/32"-1"-32nds	100-SET30	\$570.00
	21	3/8"-1"-32nds	100-SET21	\$399.00
	15	1/8"-1"-16ths	100-SET15	\$285.00
TG 150	33	1/2"-1-1/2" - 32nds	150-SET33	\$1,402.00

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THREADING/GROOVING
CUTTING TOOLS
MACHINERY
PRECISION TOOLS
DEBURRING
COOLANT/FLUIDS
TOOL STORAGE

CAT-40 JACOBS/MORSE TAPER HOLDERS

JACOBS TAPER HOLDERS



Jacobs Taper	C Proj	A Dia	Brand	Part Number	Price	Code
JT1	2.16	0.39	Kingston	C40-01JT216-K	\$65.95	F
	2.16	0.39	Spin Tru	C40-01JT216-KB	\$65.95	D
JT2	1.50	-	Kingston	C40-02JT150-K	\$65.95	F
	1.50	-	Spin Tru	C40-02JT150-KB	\$65.95	D
	1.50	0.56	Parlec	C40-02JT150-P	\$93.60	A
	2.44	0.56	Kingston	C40-02JT244-K	\$65.95	F
	2.44	0.56	Spin Tru	C40-02JT244-KB	\$65.95	D
JT3	1.50	-	Kingston	C40-03JT150-K	\$65.95	F
	1.50	-	Spin Tru	C40-03JT150-KB	\$65.95	D
	1.50	0.81	Parlec	C40-03JT150-P	\$93.60	A
	2.81	0.81	Kingston	C40-03JT281-K	\$65.95	F
JT4	1.50	-	Kingston	C40-04JT150-K	\$65.95	F
	1.50	-	Spin Tru	C40-04JT150-KB	\$65.95	D
	1.50	1.12	Parlec	C40-04JT150-P	\$120.60	A
	3.25	1.13	Kingston	C40-04JT325-K	\$65.95	F
	3.25	1.13	Spin Tru	C40-04JT325-KB	\$65.95	D
JT6	1.50	-	Kingston	C40-06JT150-K	\$65.95	F
	1.50	-	Spin Tru	C40-06JT150-KB	\$65.95	D
	1.50	0.68	Parlec	C40-06JT150-P	\$93.60	A
	3.25	0.68	Kingston	C40-06JT325-K	\$65.95	F
	3.25	0.68	Spin Tru	C40-06JT325-KB	\$65.95	D
JT33	1.50	-	Kingston	C40-33JT150-K	\$65.95	F
	1.50	0.62	Spin Tru	C40-33JT150-KB	\$65.95	D
	1.50	0.63	Parlec	C40-33JT150-P	\$93.60	A
	2.56	0.63	Kingston	C40-33JT256-K	\$65.95	F
	2.56	0.63	Spin Tru	C40-33JT256-KB	\$65.95	D

KEYLESS DRILL CHUCKS

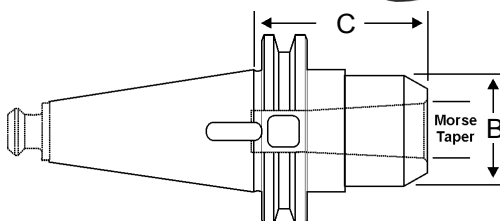
With Integral Shank

- Integral shank precision ball-bearing keyless drill chuck offers greater accuracy and rigidity
- Made of alloy forged steel
- Self-tightening keyless operation
- Maximum TIR: 0.0015"
- Includes wrench



Taper	Capacity	Proj.	BISON Part Number	Price Each	TMX Part Number	Price Each
BT40	1/32"-1/2"	3.74	B40-50DC1-B	\$225.90	TMX-8230-4033	\$217.12
	1/8"-5/8"	3.94	B40-62DC1-B	\$243.90	TMX-8230-4035	\$233.89
CAT40	1/32"-1/2"	4.13	C40-50DC1-B	\$229.50	TMX-8130-4033	\$245.99
	1/8"-5/8"	5.12	C40-62DC1-B	\$246.60	TMX-8130-4035	\$263.93
CAT50	1/32"-1/2"	4.13	C50-50DC1-B	\$273.60	TMX-8130-5063	\$292.76
	1/8"-5/8"	4.33	C50-62DC1-B	\$290.70	TMX-8130-5065	\$310.79

MORSE TAPER HOLDERS

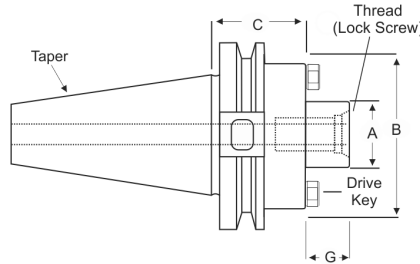


Morse Taper	C Proj	B Face Dia	Brand	Part Number	Price	Code
MT1	1.75	1.00	Kingston	C40-01MT175-K	\$65.95	F
	1.75	1.00	Spin Tru	C40-01MT175-KB	\$65.95	D
	1.75	1.75	Parlec	C40-01MT175-P	\$107.10	A
MT2	1.75	1.25	Kingston	C40-02MT175-K	\$65.95	F
	1.75	1.25	Spin Tru	C40-02MT175-KB	\$65.95	D
	1.75	1.75	Parlec	C40-02MT175-P	\$106.20	A
	2.44	1.25	Kingston	C40-02MT244-K	\$65.95	F
	2.44	1.25	Spin Tru	C40-02MT244-KB	\$65.95	D
MT3	2.50	1.75	Kingston	C40-03MT250-K	\$65.95	F
	2.50	1.75	Spin Tru	C40-03MT250-KB	\$65.95	D
	2.50	1.75	Parlec	C40-03MT250-P	\$119.70	A
	3.00	1.75	Kingston	C40-03MT300-K	\$62.65	F
	3.00	1.75	Spin Tru	C40-03MT300-KB	\$62.65	D
MT4	3.50	2.00	Kingston	C40-04MT350-K	\$62.65	F
	3.50	2.00	Spin Tru	C40-04MT350-KB	\$62.65	D
	3.50	2.00	Parlec	C40-04MT350-P	\$122.85	A
	3.88	2.00	Kingston	C40-04MT388-K	\$65.95	F

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CAT-40 V-FLANGE SHELL MILL HOLDERS

SHELL MILL HOLDERS



A Pilot dia	B Dia	C Proj	G	Brand	Part Number	Price	Drive Key	Screw Thread	Lock Screw	Arbor Screw	Code
1/2" 0.500	1.75	1.38	-	Kingston	C40-50SM138-K	\$65.95	-	-	-	-	F
	1.75	1.38	-	Spin Tru	C40-50SM138-KB	\$65.95	-	-	-	-	D
	1.38	1.75	0.57	Lyndex	C40-50SM175-L	\$153.90	1/4"	1/4"-28	-	A1/4-28	B
	1.75	3.50	-	Kingston	C40-50SM350-K	\$65.95	-	-	-	-	F
	1.75	3.50	-	Spin Tru	C40-50SM350-KB	\$65.95	-	-	-	-	D
3/4" 0.750	-	1.50	-	Kingston	C40-75SM150-K	\$65.95	-	-	-	-	F
	-	1.50	-	Spin Tru	C40-75SM150-KB	\$65.95	-	-	-	-	D
	1.75	1.50	0.68	Parlec	C40-75SM150-P	\$150.75	75KY	3/8"-24	-	028-192	A
	2.00	1.75	0.67	Lyndex	C40-75SM175-L	\$149.86	5/16"	3/8"-24	-	A3/8-24	B
	1.75	3.50	-	Kingston	C40-75SM350-K	\$65.95	-	-	-	-	F
	1.75	3.50	-	Spin Tru	C40-75SM350-KB	\$65.95	-	-	-	-	D
	-	4.00	-	Kingston	C40-75SM400-K	\$65.95	-	-	-	-	F
	-	4.00	-	Spin Tru	C40-75SM400-KB	\$65.95	-	-	-	-	D
	1.75	4.00	0.68	Parlec	C40-75SM400-P	\$167.40	75KY	3/8"-24	-	028-192	A
1.75	6.00	-	Kingston	C40-75SM600-K	\$71.45	-	-	-	-	F	
1" 1.000	-	1.15	-	Kingston	C40-10SM115-K	\$65.95	-	-	-	-	F
	-	1.15	-	Spin Tru	C40-10SM115-KB	\$65.95	-	-	-	-	D
	-	2.00	-	Kingston	C40-10SM200-K	\$65.95	-	-	-	-	F
	-	2.00	-	Spin Tru	C40-10SM200-KB	\$65.95	-	-	-	-	D
	2.25	2.00	0.68	Parlec	C40-10SM200-P	\$124.65	10KY	1/2"-20	10LS	028-188	A
	2.19	4.00	-	Kingston	C40-10SM400-K	\$65.95	-	-	-	-	F
	2.19	4.00	-	Spin Tru	C40-10SM400-KB	\$65.95	-	-	-	-	D
	2.19	6.00	-	Kingston	C40-10SM600-K	\$71.45	-	-	-	-	F
	2.19	6.00	-	Spin Tru	C40-10SM600-KB	\$71.45	-	-	-	-	D
2.38	4.00	0.67	Lyndex	C40-10SM400-L	\$180.50	3/8"	1/2"-20	-	A1/2-20	B	
1-1/4" 1.250	2.75	1.62	0.68	Parlec	C40-12SM162-P	\$130.50	12KY	5/8"-18	-	028-193	A
	2.88	2.00	0.67	Lyndex	C40-12SM200-L	\$152.10	1/2"	5/8"-18	-	A5/8-18	B
	2.88	2.12	-	Kingston	C40-12SM212-K	\$65.95	-	-	-	-	F
	2.75	2.25	0.68	Parlec	C40-12SM225-P	\$132.30	12KY	5/8"-18	12LS	028-193	A
	2.88	2.50	-	Kingston	C40-12SM250-K	\$65.95	-	-	-	-	F
	2.88	2.50	-	Spin Tru	C40-12SM250-KB	\$65.95	-	-	-	-	D
	2.75	4.00	0.68	Parlec	C40-12SM400-P	\$189.90	12KY	5/8"-18	12LS	028-193	A
	2.88	4.00	-	Kingston	C40-12SM400-K	\$65.95	-	-	-	-	F
	2.88	4.00	-	Spin Tru	C40-12SM400-KB	\$65.95	-	-	-	-	D
2.88	4.00	0.67	Lyndex	C40-12SM400-L	\$189.05	1/2"	5/8"-18	-	A5/8-18	B	
1-1/2" 1.500	3.75	2.40	0.94	Parlec	C40-15SM240-P	\$148.05	15KY	3/4"-16	15LS	15LS	A
	3.38	2.50	-	Kingston	C40-15SM250-K	\$65.95	-	-	-	-	F
	3.38	2.50	-	Spin Tru	C40-15SM250-KB	\$65.95	-	-	-	-	D
	3.38	4.00	-	Kingston	C40-15SM400-K	\$65.95	-	-	-	-	F
	3.38	4.00	-	Spin Tru	C40-15SM400-KB	\$65.95	-	-	-	-	D
	3.80	4.00	0.93	Lyndex	C40-15SM400-L	\$202.35	5/8"	3/4"-16	-	A3/4-16	B

90° MILLING CUTTERS

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Dia. D	Arbor Hole d	Key Width a	Flute Length H	No. of Flutes	Part Number	Price Each
2.00	0.750	0.3125	1.75	4	M-SAP16N-2075-4	\$195.00
2.00	0.750	0.3125	1.75	5	M-SAP16N-2075-5	\$195.00
2.50	1.000	0.3750	2.00	5	M-SAP16N-2510-5	\$199.00
3.00	1.000	0.3750	2.00	6	M-SAP16N-3010-6	\$310.00
3.00	1.000	0.3750	2.00	7	M-SAP16N-3010-7	\$310.00

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