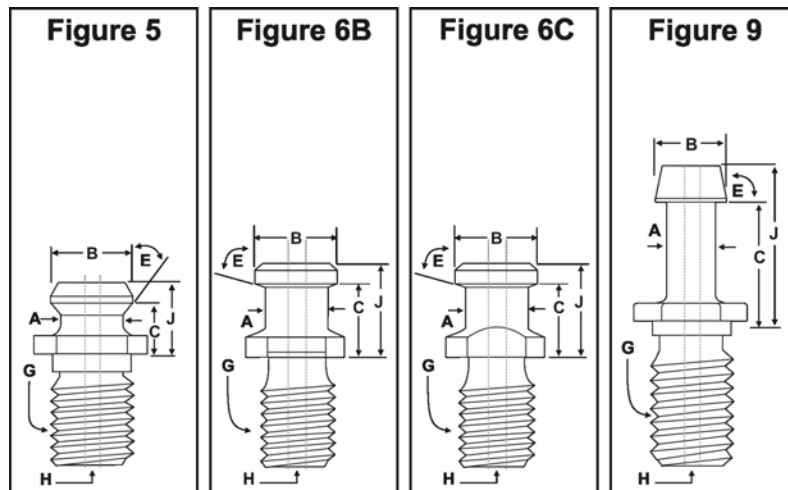


CAT STYLE RETENTION KNOBS / PULL STUDS



LEGEND:

A= Neck Diameter
B= Head Diameter
C= Length
E= Angle
H= Coolant Hole
G= Thread
J= Length to Head



Quick-Look Retention Knob Finder

USST Part Number	For Applicable CNC Mills
C40-4500S	FADAL MAZAK
C40-4501S	HAAS KITAMURA OKUMA-HOWA
C40-4503S	CINCINNATI (ARROW-SABER)

HAAS & FADAL make both CAT & BT Taper Toolholders. Please make sure you are using the correct taper retention knobs.

RETENTION KNOBS FOR CAT 40 & CAT 45 TOOL HOLDERS

Note	Fig.	Head Dia. B	Neck Dia. A	Angle E °	Length C	Length to Head J	Flange Thick	USST [G] Part Number	Price Each	LYNDEX [C] Part Number	Price Each	PARLEC [C] Part Number	Price Each	Max Torque ft / lbs	Knob Socket 1/2" drive [D]
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CAT 40 SHANK HOLDERS (5/8" - 11 Thread)- MAS 403 Style or JMTBA Style

No Pilot	1	0.590 (15mm)	-	45°	0.992 (25.2mm)	1.259 (32mm)	0.120 (3mm)	-	-	LY-C40-4500B	\$44.89	-	-	85	RK-W40-A \$49.00
No Pilot	-							-	-	LY-C40-HITACHI	\$137.75	-	-	85	
No Pilot	1			60°	0.992 (25.2mm)	1.259 (32mm)	0.120 (3mm)	-	-	LY-C40-6000B	\$48.69	-	-	85	
No Pilot	1A			90°	0.992 (25.2mm)	1.259 (32mm)	0.120 (3mm)	-	-	LY-C40-9000B	\$48.69	-	-	85	

CAT 40 SHANK HOLDERS (5/8" - 11 Thread)- U.S. ANSI Style

ANSI STD No Pilot	4	0.740 (18.8mm)	0.490 (12.5mm)	45°	0.440 (11.2mm)	0.640 (16.3mm)	0.120 (3mm)	C40-4500SG	\$14.32	-	-	-	-	85	RK-W40-A \$49.00
ANSI STD Pilot	4							C40-4500H	\$15.75	LY-C40-STD	\$22.80	P-40TRK	\$17.85	85	
ANSI STD Pilot	4							C40-4500S	\$15.20	-	-	P-40NTRK	\$17.85	85	
ANSI PILOT	5							C40-4505H	\$18.02	-	-	-	-	85	
ANSI PILOT	5							C40-4505S	\$17.99	-	-	-	-	85	

CAT 40 SHANK HOLDERS (5/8" - 11 Thread)- ISO TYPE A Style

ISO A -Inch No Pilot	6B	0.747 (19mm)	0.551 (14mm)	75°	0.791 (20.1mm)	1.030 (26.2mm)	0.280 (7.1mm)	C40-7500H	\$22.80	-	-	P-4008 TRKC	\$27.20	85	RK-W40-A \$49.00
ISO A -Inch No Pilot	6B							C40-7500S	\$19.02	LY-C40-1500	\$35.15	P-4008 TRK	\$21.25	85	

CAT 40 SHANK HOLDERS (5/8" - 11 Thread)- DIN 69872 Form A Style

DIN A Std-Inch No Pilot	6C	0.748 (19mm)	0.551 (14mm)	75°	0.787 (20mm)	1.023 (26mm)	0.157 (4mm)	C40-7551H	\$22.80	-	-	-	-	85	RK-W40-A \$49.00
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CAT 45 SHANK HOLDERS (3/4" - 10 Thread)- MAS 403 Style or JMTBA Style

No Pilot	2	0.750 (19.1mm)	0.551 (14mm)	45°	1.230 (31.3mm)	1.580 (40.1mm)	0.310 (7.88mm)	C45-4500S	P.O.R.	-	-	-	-	100	RK-W45M \$66.15
No Pilot	2			60°	1.230 (31.3mm)	1.580 (40.1 mm)	0.310 (7.88mm)	C45-6000S	P.O.R.	-	-	-	-	100	
No Pilot	2A			90°	1.230 (31.3mm)	1.580 (40.1mm)	0.310 (7.88mm)	C45-9000S	P.O.R.	-	-	-	-	100	

CAT 45 SHANK HOLDERS (3/4" - 10 Thread)- U.S. ANSI Style

-	4	0.940 (23.9mm)	0.605 (15.4mm)	45°	0.578 (14.7mm)	0.820 (20.8mm)	0.160 (4.1mm)	C45-4501H	P.O.R.	-	-	-	-	100	RK-W45 \$66.15
-	4							C45-4501S	P.O.R.	-	-	-	-	100	

Pilots Now Standard On USST Retention Knobs For Better Seating & Improved Concentricity!

Need Help Finding The Correct Knob For Your Machine?

Please Call Us-We Can Help!

HELPFUL HINT: A worn knob is extremely detrimental to the TIR of a toolholder and replacing your retention knob is an easy and inexpensive way to improve the accuracy of the toolholder by up to 10X!

Call Us Today For All Of Your Machine Tool Needs!