

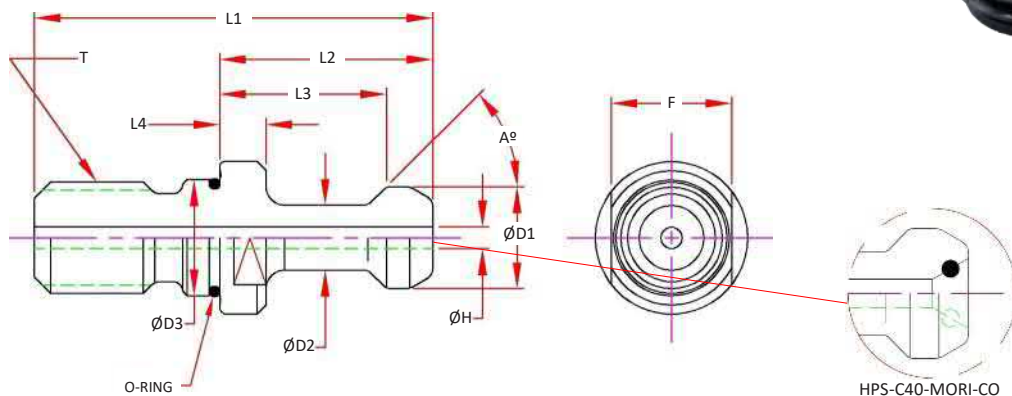
CAT40

CAT40 - High Performance Studs

Features

- Manufactured to the Industry Standards or machine builders specifications.
- Grind Finish to adhere to machine builder recommendations
- Coolant Knobs include O-ring on the thread side pilot diameter to adhere to builder recommendations

Note: It is critical that the correct retention knob is used with each machining center. Please verify all dimensions prior to ordering. Machine specifications will be located in your machine manual or contact the machine manufacturer.



Part Number	A Angle	D1 Head	D2 Neck	D3 Pilot	L1 OAL	L2 Proj.	L3 Pull Loc.	L4 Flange	H Hole	Pilot O-Ring	F Flats	T Thread	Socket Wrench	Notes
HPS-C40-MAS-45	45	0.591	0.394	0.641	2.250	1.266	0.990	0.236	-	-	-	-	-	MAS P40T-1
HPS-C40-MAS-45-C	45	0.591	0.394	0.641	2.250	1.266	0.990	0.118	0.157	Yes †	-	-	-	MAS P40T-1 w/ 3mm Flange
HPS-C40-MAS-60	60	0.591	0.394	0.630	2.252	1.268	0.992	0.236	-	-	-	-	-	MAS P40T-2
HPS-C40-MAS-60-C	60	0.591	0.394	0.641	2.252	1.268	0.992	0.236	0.157	Yes †	-	-	-	MAS P40T-2
HPS-C40-JIS-C	75	0.748	0.551	0.641	2.000	1.024	0.787	0.276	0.236	Yes †	-	19mm	TWS-M19	JIS B6339
HPS-C40-MATSUURA-C	75	0.748	0.551	0.641	2.000	1.024	0.787	0.157	0.236	Yes †	-	-	-	Matsura w/4mm Flange
HPS-C40-DIN-C	75	0.748	0.551	0.641	2.010	1.024	0.787	0.157	0.276	Yes †	-	-	-	DIN 69872
HPS-C40-MAKINO-C	75	0.748	0.551	0.641	1.890	1.030	0.793	0.276	0.276	Yes †	-	-	-	Makino Spec
HPS-C40-MORI-CO	75	0.748	0.551	0.641	2.015	1.030	0.793	0.236	0.276	Yes †	-	-	-	Mori O-Ring OD & ID
HPS-C40-ANSI-C	45	0.740	0.490	0.641	1.624	0.640	0.440	0.118	0.291	Yes †	-	-	-	ANSI B5.50
HPS-C40-OKUMA-C	45	0.740	0.490	0.641	1.624	0.640	0.440	0.118	0.157	Yes †	-	0.750	TWS-075	Okuma Coolant Thru
HPS-C40-ANSI	45	0.740	0.490	0.641	1.624	0.640	0.440	0.118	-	-	-	-	-	Non Coolant
HPS-C40-MAS-90	90	0.591	0.394	-	2.244	1.260	0.984	0.236	-	-	-	-	-	MAS P40T-3 Mori-Seiki
HPS-C40-MAS-90-C	90	0.591	0.394	0.641	2.244	1.260	0.984	0.236	0.157	Yes †	-	17mm	TWS-M17	MAS P40T-3 Coolant

† O-Ring added to Pilot, adheres to machine company changes, remove O-Ring if not required