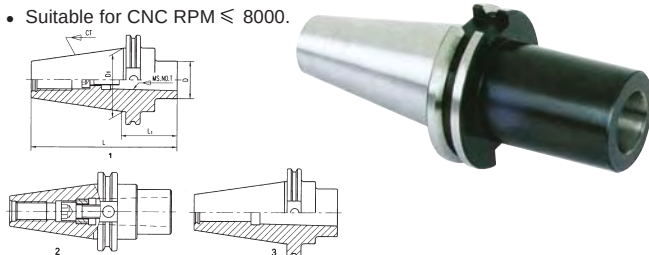


CAT Morse Taper Adaptors (with Drawbar)

- Suitable for CNC RPM ≤ 8000 .



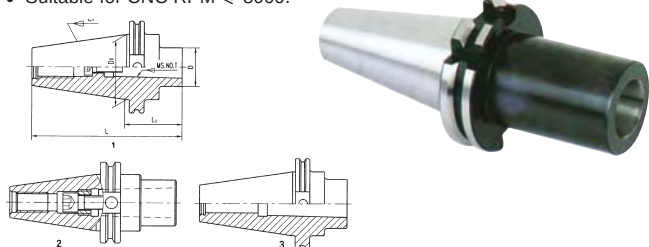
CTx MW.NO.T- L1	L mm	D mm	D1 mm	Figure	Order No.
CT40 x MW1-45	113.25	25	44.45	1	210-8131
CT40 x MW2-60	128.25	32	44.45	1	210-8132
CT40 x MW3-75	143.25	40	44.45	2	210-8133
CT40 x MW3-90	158.25	40	44.45	2	210-8134
CT40 x MW4-100	168.25	48	44.45	2	210-8135
CT40 x MW4-120	168.25	48	44.45	2	210-8136
CT50 x MW2-60	161.6	31.75	69.85	1	210-8137
CT50 x MW3-60	161.6	41.28	69.85	1	210-8138
CT50 x MW4-90	161.6	50.8	69.85	1	210-8139
CT50 x MW5-100	201.6	69.85	69.85	3	210-8140

Note:

- See figure 1, when the arbor being used, it is necessary to fix inner hex screw.
- See figure 2, when the arbor being used, it is necessary to fix standard knob, please note when order it.
- See figure 3, when the arbor being used, it is necessary to fix extension knob, please note when order it.

DIN Morse Taper Adaptors (with Drawbar)

- Suitable for CNC RPM ≤ 8000 .



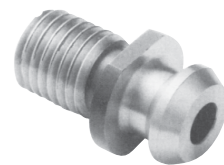
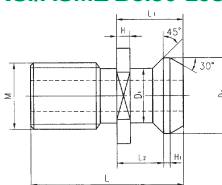
DIN69871.A x MW.NO.T- L1	L mm	D mm	D1 mm	Figure	Order No.
DIN69871.A40 x MW1-45	113.4	25	44.45	1	210-8161
DIN69871.A40 x MW2-60	128.4	32	44.45	1	210-8162
DIN69871.A40 x MW3-70	138.4	40	44.45	3	210-8163
DIN69871.A40 x MW3-80	148.4	40	44.45	2	210-8164
DIN69871.A40 x MW3-100	168.4	40	44.45	2	210-8165
DIN69871.A40 x MW4-90	158.4	48	44.45	3	210-8166
DIN69871.A40 x MW4-100	168.4	48	69.85	2	210-8167
DIN69871.A40 x MW4-120	188.4	48	69.85	2	210-8168
DIN69871.A50 x MW1-45	146.8	25	69.85	1	210-8169
DIN69871.A50 x MW2-45	146.8	32	69.85	1	210-8170
DIN69871.A50 x MW2-60	161.8	32	69.85	1	210-8171
DIN69871.A50 x MW3-60	161.8	40	69.85	1	210-8172
DIN69871.A50 x MW3-80	181.8	40	69.85	1	210-8173
DIN69871.A50 x MW4-80	181.8	48	69.85	3	210-8174
DIN69871.A50 x MW4-90	191.8	48	69.85	2	210-8175
DIN69871.A50 x MW4-120	221.8	48	69.85	2	210-8176
DIN69871.A50 x MW5-100	201.8	61	69.85	3	210-8177
DIN69871.A50 x MW5-120	221.8	61	69.85	2	210-8178

Note:

- See figure 1, when the arbor being used, it is necessary to fix inner hex screw.
- See figure 2, when the arbor being used, it is necessary to fix standard knob, please note when order it.
- See figure 3, when the arbor being used, it is necessary to fix extension knob, please note when order it.

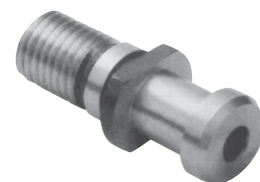
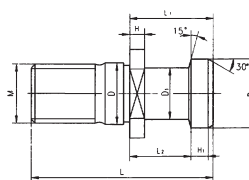
Retention Knobs

ANSI/ASME B5.50-1985



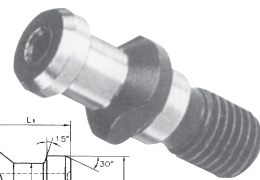
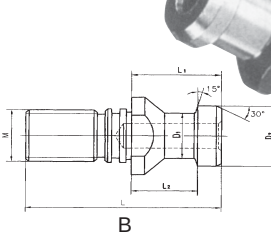
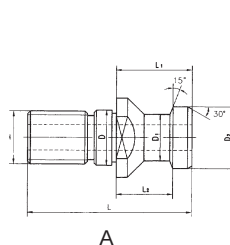
Type	D1	D2	M	L	L1	L2	H	H1	Order No.
30	9.78	13.21	1/2"-13	27.94	11.68	8.13	2.54	1.01	210-7701
40	12.45	18.80	5/8"-11	38.10	16.26	11.18	3.05	1.52	210-7702
45	15.37	23.88	3/4"-10	45.72	20.83	14.73	4.06	2.03	210-7703
50	20.83	28.96	1"-8	58.42	25.4	17.78	5.08	2.54	210-7704

ISO7388/2-1984A



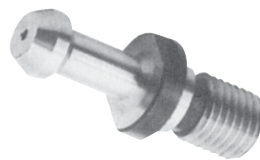
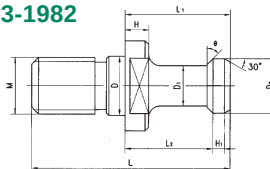
Type	D	D1	D2	M	L	L1	L2	H	H1	Order No.
30A	13mm	8mm	12mm	M12	44mm	24mm	19mm	4mm	3mm	210-7711
40A	17	14	19	M16	54	26	20	4	4	210-7712
45A	21	17	23	M20	65	30	23	5	5	210-7713
50A	25	21	28	M24	74	34	25	6	7	210-7714

DIN69872-1988



Type	D	D1	D2	M	L	L1	L2	Order No.
30A	13mm	8mm	12mm	M12	44mm	24mm	19mm	210-7721
40A	17	14	19	M16	54	26	20	210-7722
45A	21	17	23	M20	65	30	23	210-7723
50A	25	21	28	M24	74	34	25	210-7724
30B	8	12	M12	44	24	19		210-7725
40B	14	19	M16	54	26	20		210-7726
45B	17	23	M20	65	30	23		210-7727
50B	21	28	M24	74	34	25		210-7728

MAS403-1982



Type	D	D1	D2	M	L	L1	L2	H	H1	Θ	Order No.
P30T(°)	12.5	7	11mm	M12	43	23mm	18mm	5mm	2.5mm	30°	210-7731
P40T(°)	17	10	15	M16	60	35	28	6	3	30°	210-7732
P45T(°)	21	14	19	M20	70	40	31	8	4	30°	210-7733
P50T(°)	25	17	23	M24	85	45	35	10	5	30°	210-7734
P30T(°)	12.5	7	11	M12	43	23	18	5	2.5	45°	210-7741
P40T(°)	17	10	15	M16	60	35	28	6	3	45°	210-7742
P45T(°)	21	14	19	M20	70	40	31	8	4	45°	210-7743
P50T(°)	25	17	23	M24	85	45	35	10	5	45°	210-7744