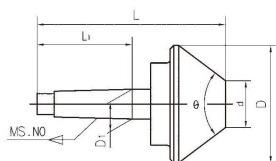


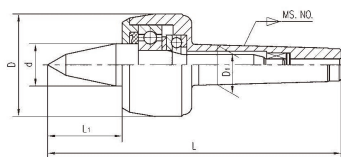


BULL NOSE CENTER



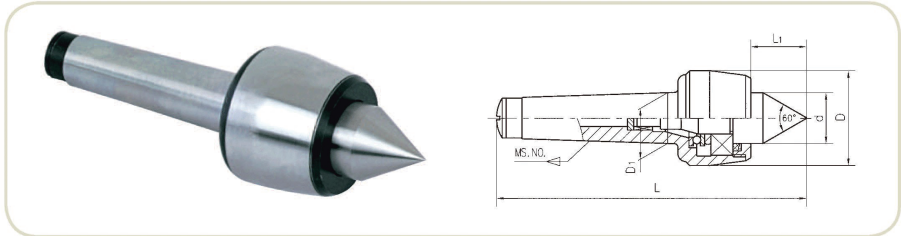
订单号 Order No.	MS.NO.	L	L1	D	D1	d	θ
BNC-MT2-60	MS2	132	64	60	17.780	20	60°
BNC-MT2-70	MS2	135	64	61.9	17.780	12.7	70°
BNC-MT3-80	MS3	152	81	76.2	23.825	19	70°
BNC-MT3-100	MS3	170	81	100	23.825	30	60°
BNC-MT3-100 (75)	MS3	164	81	100	23.825	32	75°
BNC-MT4-160	MS4	232	102.5	160	31.267	40	60°
BNC-MT4-160 (75)	MS4	225	102.5	160	31.267	35	75°
BNC-MT5-200	MS5	252	129.5	200	44.399	40	75°
BNC-MT5-250	MS5	281	129.5	250	44.399	57	75°
BNC-MT6-200	MS6	320	182	200	63.348	40	75°
BNC-MT6-200	MS6	355	182	250	63.348	57	75°

PRECISION LIVE CENTER



订单号 Order No.	MS. NO.	L mm	D mm	L1 mm	d mm	D1 mm	最大载荷(kg) Max Load	极限转速(rpm) Max Speed	精度(mm) Accuracy
M11-MT1	MS1	124	36	27	15	12.065	80	7000	0.01
M11-MT2	MS2	139	45	34	20	17.780	140	7000	0.005
M11-MT3	MS3	176.5	60	47	25	23.825	400	5000	0.005
M11-MT4	MS4	217	70	53	32	31.267	500	3800	0.005
M11-MT5	MS5	273	90	65	40	44.399	1200	3000	0.005
M11-MT6	MS6	354.5	105	78	50	63.348	2500	2600	0.01

PRECISION LIGHT-DUTY LIVE CENTER



订单号 Order No.	MS. NO.	L mm	D mm	L1 mm	d mm	D1 mm	径向载荷(N) Max Radial Load	极限转速(rpm) Max Speed	精度(mm) Accuracy
DM311-MT1	MS1	115	34	20.3	18	12.065	320	5000	0.005
DM312-MT2	MS2	129.6	45	28.6	25	17.780	400	5000	0.006
DM313-MT3	MS3	160.2	52	32	28	23.825	800	4500	0.006
DM314-MT4	MS4	191.7	60	36.5	32	31.267	1250	3500	0.006
DM315-MT5	MS5	244.5	80	50.8	45	44.399	1500	3000	0.006
DM316-MT6	MS6	350	130	74.8	75	63.348	1800	2500	0.006
DM317-MT7	MS7	423.5	130	74.8	75	83.061	2200	2000	0.006

PRECISION LIVE CENTER

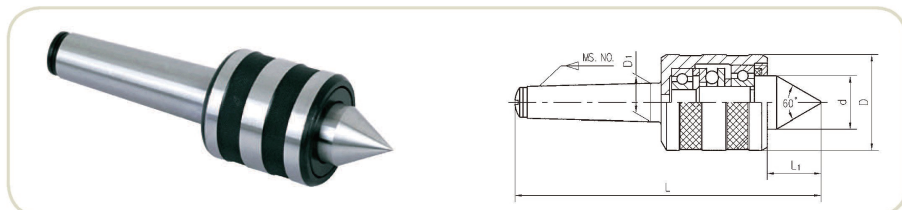


订单号 Order No.	MS. NO.	L mm	D mm	L1 mm	d mm	D1 mm	最大载荷(kg) Max Load	极限转速(rpm) Max Speed	精度(mm) Accuracy
604H-MT1	MS1	114	36	17	15	12.065	100	7000	0.010
604H-MT2	MS2	129	45	24	20	17.780	200	7000	0.005
604H-MT3-50	MS3	151.5	50	27.5	22	23.825	400	6300	0.005
604H-MT3-60	MS3	160.5	60	31	25	23.825	500	5000	0.005
604H-MT4	MS4	205	70	41	32	31.267	800	3800	0.005
604H-MT5	MS5	258.5	90	50.5	40	44.399	2000	3000	0.005
604H-MT6-50	MS6	334	105	57.5	50	63.348	3500	2600	0.010
604H-MT6-60	MS6	378	140	67	60	63.348	4500	1500	0.010
604H-ME80	ME80	392	140	68	60	80	7500	1500	0.015



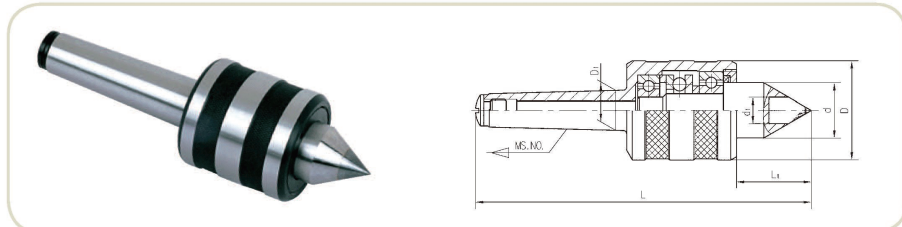
Live Centers

MEDIUM-DUTY LIVE CENTER



订单号 Order No.	MS. NO.	L mm	L1 mm	D mm	D1 mm	d mm	径向载荷(N) Max Radial Load	极限转速(rpm) Max Speed	重量 Wt(kg)	精度(mm) Accuracy
D411-MT1	MS1	115	20	34	12.065	18	900	5000	0.29	0.01
D412-MT2	MS2	145	26	45	17.780	25	1500	5000	0.70	0.01
D413-MT3	MS3	170	30	52	23.825	28	2000	4200	0.93	0.01
D414-MT4	MS4	205.7	34.7	60	31.267	32	3200	3200	1.70	0.01
D415-MT5	MS5	254	45	77	44.399	45	6300	2400	3.39	0.015
D416-MT6	MS6	362	68.5	125	63.348	75	10000	1600	12.00	0.015
D411L-MT1	MS1	125	30	34	12.065	18	900	5000	0.31	0.01
D412L-MT2	MS2	155	36	45	17.780	25	1500	5000	0.74	0.01
D413L-MT3	MS3	183	43	52	23.825	28	2000	4200	0.99	0.01
D414L-MT4	MS4	222	51	60	31.267	32	3200	3200	1.80	0.01
D415L-MT5	MS5	272	63	77	44.399	45	6300	2400	3.62	0.015
D416L-MT6	MS6	382	88.5	125	63.348	75	10000	1600	12.69	0.015

CARBIDE MEDIUM-DUTY LIVE CENTER



订单号 Order No.	MS. NO.	L mm	L1 mm	d mm	D mm	D1 mm	d1 mm	最大载荷(N) Max Load	极限转速(rpm) Max Speed	精度(mm) Accuracy
D412A-MT2	MS2	145	26	25	45	17.780	12	1500	5000	0.010
D413A-MT3	MS3	170	30	28	52	23.825	15	2000	4200	0.010
D414A-MT4	MS4	205.7	34.7	32	60	31.267	18	3200	3200	0.010
D415A-MT5	MS5	254	45	45	77	44.399	24	6300	2000	0.015
D416A-MT6	MS6	362	68.5	75	125	63.348	40	10000	1600	0.015

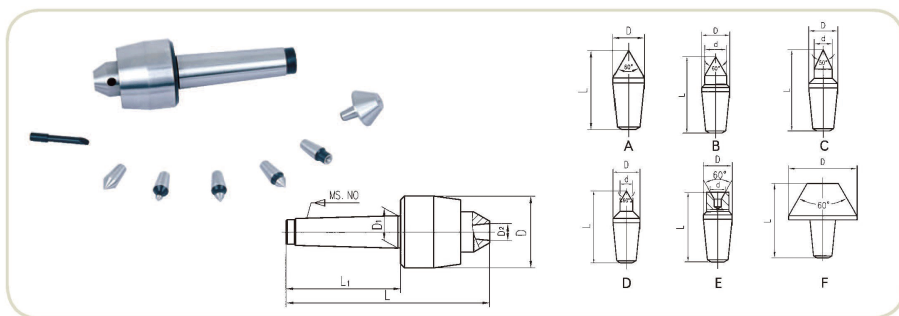
Technical drawings of various types of reamers. The top left shows a collection of reamers: a double-flute reamer, a large single-flute reamer, and several smaller single-flute reamers with different flutes. The top right is a detailed cross-section of a reamer with a double-flute design, showing a central hole, a cutting edge, and a cutting lip. Below this are seven detailed cross-sections of reamers labeled A through G. Each drawing shows the reamer's profile with dimensions: D1 (outer diameter), D2 (inner diameter), L1 (length), L2 (total length), and L3 (cutting length). The drawings show different flute designs: A (double-flute), B (single-flute), C (single-flute), D (single-flute), E (double-flute), F (double-flute), and G (double-flute). The cutting angles are specified: A: $\alpha = 60^\circ$, B: $\alpha = 75^\circ$, C: $\alpha = 90^\circ$, D: 60° , E: 60° , F: 60° , and G: 60° .

The technical drawing illustrates a reamer. The left part is a perspective view of the tool. The right part is a cross-sectional view showing the internal structure and dimensions. Key dimensions labeled include: D_1 (inner diameter), D (outer diameter), L (total length), L_1 (length of the cutting edge), and α (cutting angle, shown as 60°). A label 'MS. NO.' points to the cutting edge area.

04



HIGH-SPEED MEDIUM-DUTY MULTI-PURPOSE LIVE CENTER



订单号 Order No.	MS.NO.	D mm	D1 mm	L1 mm	L mm
HD432-MT2	MS2	48	17.780	69	127
HD433-MT3	MS3	54	23.825	86	153
HD434-MT4	MS4	63	31.367	109	182
HD435-MT5	MS5	83	44.399	136	217

MS.NO.	A		B			C			D			E			F	
	L	D	L	D	d	L	D	d	L	D	d	L	D	d	L	D
2	26	10.2	28.5	10.2	8	29	10.2	6.5	27.5	10.2	5	25	10.2	5.3	30	28
3	32	12.75	35	12.75	10	36	12.75	8	34	12.75	6	31	12.75	6.7	37	34
4																
5	39	15.7	44	15.7	12	45	15.7	10	42	15.7	8	43	15.7	8.5	48	40

MEDIUM-DUTY LIVE CENTER (EXTENDED)



订单号 Order No.	MS.NO.	L1 mm	D mm	D1 mm	D2 mm	L mm	重量 Wt(kg)
D412B-MT2	MS2	28.5	40	17.780	18	141	0.84
D413B-MT3	MS3	36.5	45	23.825	22	168	0.91
D414B-MT4	MS4	36.5	45	31.267	22	190	1.62
D415B-MT5	MS5	62	78	44.399	40	267.5	3.43
D416B-MT6	MS6	75	102	63.348	50	346.5	11