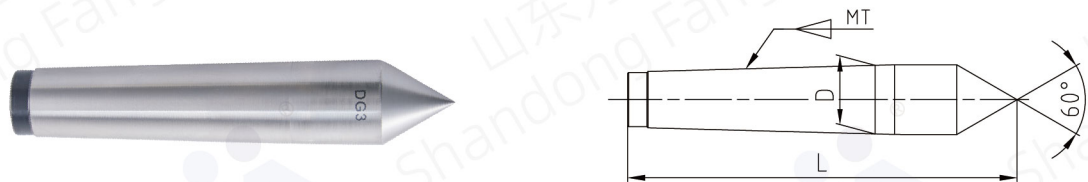




ZY-50001 固定顶尖 DEAD CENTER



规格 Model	锥柄型号 (Taper shank model)	D (mm)	L (mm)	精度 (Accuracy)
DG1	MT1	12.065	80	0.01mm
DG2	MT2	17.78	100	
DG3	MT3	23.825	125	
DG4	MT4	31.267	160	
DG5	MT5	44.399	200	
DG6	MT6	63.348	270	
DG7	MT7	83.061	360	

特点:

- ◎采用进口高强度材质，经特殊处理后产品具有高耐磨性
- ◎属车床选配部件，安装于主轴锥孔或尾座锥孔中，其头部顶住工件
- ◎用于定中心并承受工件重力和切削力

Features:

- ◎Made of imported high-strength material, the product has high wear resistance after special treatment
- ◎Optional parts of lathe, installed in the spindle taper hole or tailstock taper hole, with its head supporting the workpiece
- ◎Used for centering and bearing the workpiece gravity and cutting force

ZY-50002 半缺顶尖 HALF-NOTCHED CENTER



规格 Model	锥柄型号 (Taper shank model)	D (mm)	h (mm)	L (mm)	精度 (Accuracy)
DH1	MT1	12.065	7.6	80	0.01mm
DH2	MT2	17.78	11	100	
DH3	MT3	23.825	15.05	125	
DH4	MT4	31.267	20.8	160	
DH5	MT5	44.399	29.35	200	
DH6	MT6	63.348	41.9	270	
DH7	MT7	83.061	53.78	360	

特点:

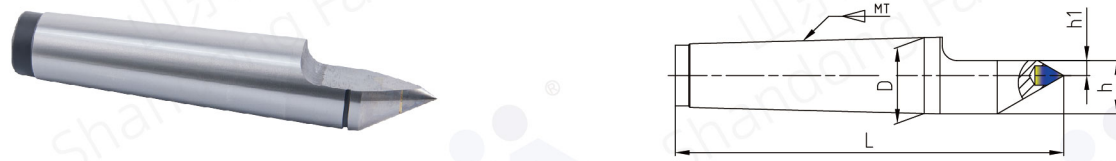
- ◎顶尖缺口方便刀具加工

Features:

- ◎Top notch facilitates tool processing



ZY-50003 硬质合金半缺顶尖 CARBIDE HALF-NOTCHED CENTER



规格 Model	锥柄型号 (Taper shank model)	h1 (mm)	h (mm)	D (mm)	L (mm)	精度 (Accuracy)
DHE1	MT1	1.5	5.5	12.065	80	0.01 mm
DHE2	MT2	2	6	17.78	100	
DHE3	MT3	3	9	23.825	125	
DHE4	MT4	5	12.5	31.267	160	
DHE5	MT5	7	16	44.399	200	
DHE6	MT6	10	22	63.348	270	
DHE7	MT7	12	24	83.061	360	

特点:

- ◎前端加合金头使其保持永久使用寿命
- ◎用于定中心并承受工件重力和切削力
- ◎顶尖缺口方便刀具加工

Features:

- ◎The front end is added with alloy head to maintain permanent service life
- ◎Used for centering and bearing the workpiece gravity and cutting force
- ◎The top notch facilitates tool processing

ZY-50004 硬质合金顶尖 CARBIDE CENTER



规格 Model	锥柄型号 (Taper shank model)	D (mm)	L (mm)	d (mm)	d1 (mm)	精度 (Accuracy)
DE2	MT2	17.78	100	18	8	0.01 mm
DE3	MT3	23.825	125	24.1	12	
DE4	MT4	31.267	160	31.6	15	
DE5	MT5	44.399	200	44.7	18	
DE6	MT6	63.348	270	63.8	24	
DE7	MT7	83.061	360	83.555	24	

特点:

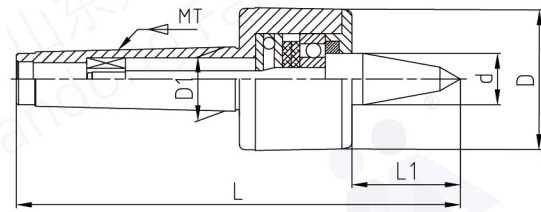
- ◎前端加合金头使其保持永久使用寿命
- ◎属机加工中的部件，安装于主轴锥孔或尾座锥孔中，头部顶住工件
- ◎用于定中心并承受工件重力和切削力

Features:

- ◎The front end is added with alloy head to maintain permanent service life
- ◎It is a part in machining, installed in the spindle taper hole or tailstock taper hole, and its head supports the workpiece
- ◎Used for centering and bearing the workpiece gravity and cutting force

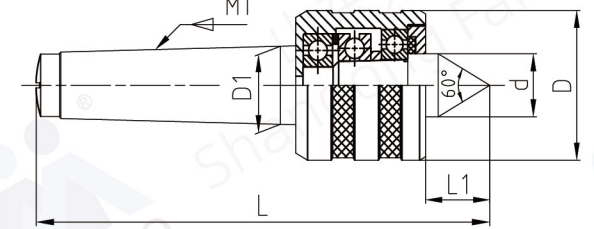


ZY-50005 M11型精密回转顶尖 M11 SERIES PRECISION LIVE CENTER



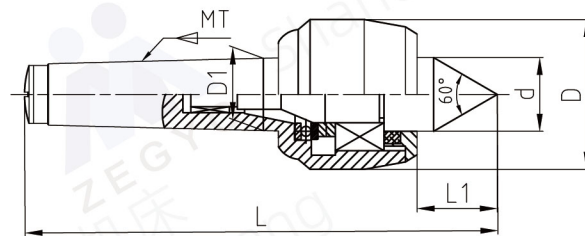
规格 Model	锥柄型号 (Taper shank model)	L (mm)	L1 (mm)	D (mm)	D1 (mm)	d (mm)	最大载荷(kg)	极限转速(rpm)	精度(mm) (Accuracy)
M11/101	MT1	124	27	36	12.065	15	80	7000	0.01
M11/102	MT2	139	34	45	17.78	20	140	7000	0.005
M11/106	MT3	176.5	47	60	23.825	25	400	5000	0.005
M11/108	MT4	217	53	70	31.267	32	500	3800	0.005
M11/110	MT5	273	65	90	44.399	40	1200	3000	0.005
M11/114	MT6	354.5	78	105	63.348	50	2500	2600	0.01

ZY-50007 中型回转顶尖 PRECISION MEDIUM-DUTY LIVE CENTER



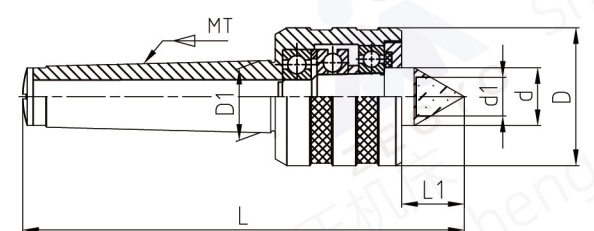
规格 Model	锥柄型号 (Taper shank model)	L (mm)	L1 (mm)	D (mm)	D1 (mm)	d (mm)	径向载荷(N)	极限转速(rpm)	精度(mm) (Accuracy)
D411	MT1	115	20	34	12.065	18	900	5000	0.01
D412	MT2	145	26	45	17.78	25	1500	5000	0.01
D413	MT3	170	30	52	23.825	28	2000	4200	0.01
D414	MT4	205.7	34.7	60	31.267	32	3200	3200	0.01
D415	MT5	254	45	77	44.399	45	6300	2400	0.015
D416	MT6	362	68.5	125	63.348	75	10000	1600	0.015
D411L	MT1	125	30	34	12.065	18	900	5000	0.01
D412L	MT2	155	36	45	17.780	25	1500	5000	0.01
D413L	MT3	183	43	52	23.825	28	2000	4200	0.01
D414L	MT4	222	51	60	31.267	32	3200	3200	0.01
D415L	MT5	272	63	77	44.399	45	6300	2400	0.015
D416L	MT6	382	88.5	125	63.348	75	10000	1600	0.015

ZY-50006 精密轻型回转顶尖 PRECISION LIGHT-DUTY LIVE CENTER



规格 Model	锥柄型号 (Taper shank model)	L (mm)	L1 (mm)	D (mm)	D1 (mm)	d (mm)	径向载荷(kg)	极限转速(rpm)	精度(mm) (Accuracy)
DM311	MT1	115	20.3	34	12.065	18	320	5000	0.005
DM312	MT2	129.6	28.6	45	17.78	25	400	5000	0.006
DM313	MT3	160.2	32	52	23.825	28	800	4500	0.006
DM314	MT4	191.7	36.5	60	31.267	32	1250	3500	0.006
DM315	MT5	244.5	50.8	80	44.399	45	1500	3000	0.006
DM316	MT6	350	74.8	130	63.348	75	1800	2500	0.006
DM317	MT7	423.5	74.8	130	83.061	75	2200	2000	0.006

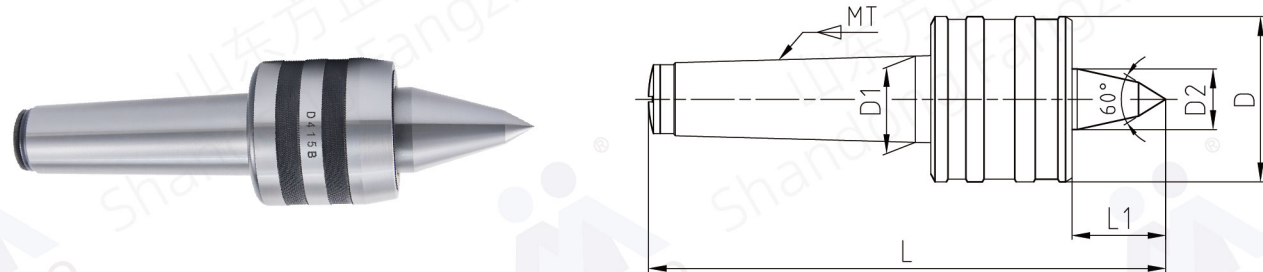
ZY-50008 硬质合金中型回转顶尖 CARBIDE MEDIUM-DUTY LIVE CENTER



规格 Model	锥柄型号 (Taper shank model)	L (mm)	L1 (mm)	D (mm)	D1 (mm)	d (mm)	d1 (mm)	最大载荷 (kg)	极限转速 (rpm)	精度(mm) (Accuracy)
D412A	MT2	145	26	45	17.78	25	12	1500	5000	0.01
D413A	MT3	170	30	52	23.825	28	15	2000	4200	0.01
D414A	MT4	205.7	34.7	60	31.267	32	18	3200	3200	0.01
D415A	MT5	254	45	77	44.399	45	24	6300	2000	0.015
D416A	MT6	362	68.5	125	63.348	75	40	10000	1600	0.015



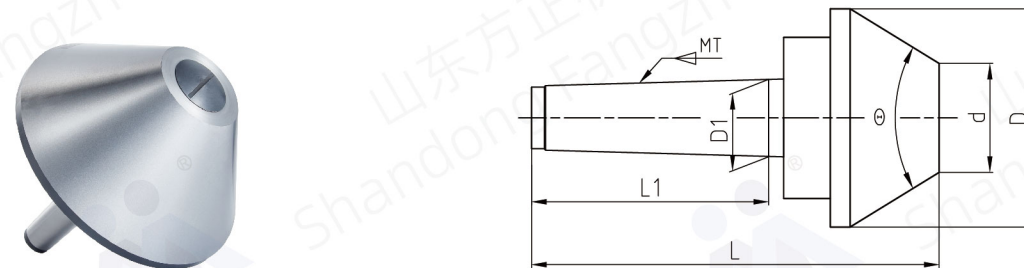
ZY-50009 中型回转顶尖 (加长型) CARBIDE MEDIUM-DUTY LIVE CENTER(EXTEND)



规格 Model	锥柄型号 (Taper shank model)	L (mm)	L1 (mm)	D (mm)	D1 (mm)	D2 (mm)
D412B	MT2	141	28.5	40	17.78	18
D413B	MT3	168	36.5	45	23.825	22
D414B	MT4	190	36.5	45	31.267	22
D415B	MT5	267.5	62	78	44.399	40
D416B	MT6	346.5	75	102	63.348	50

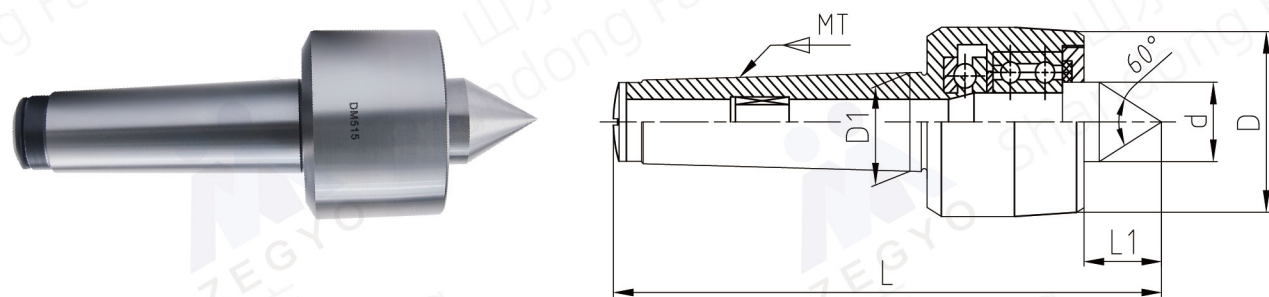


ZY-50011 伞形顶尖 BULL NOSE LIVE CENTER



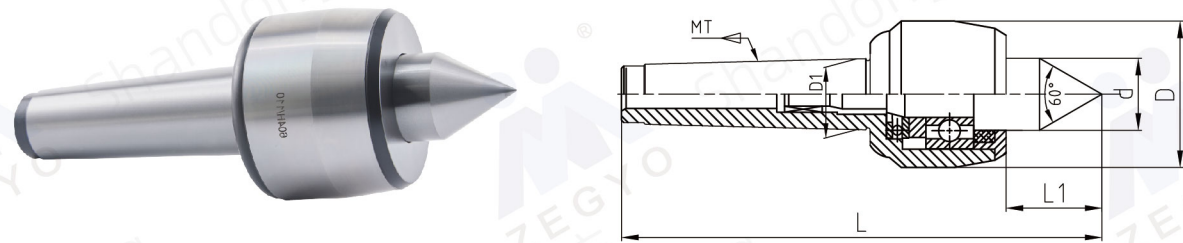
规格 Model	锥柄型号 (Taper shank model)	L (mm)	L1 (mm)	D (mm)	D1 (mm)	d (mm)	θ
DS2X60(60°)	MT2	132	64	60	17.78	20	60°
DS2X61.9(70°)	MT2	135	64	61.9	17.78	12.7	70°
DS3X76.2(70°)	MT3	152	81	76.2	23.825	19	70°
DS3X100(60°)	MT3	170	81	100	23.825	30	60°
DS3X100(75°)	MT3	164	81	100	23.825	32	75°
DS4X160(60°)	MT4	232	102.5	160	31.267	40	60°
DS4X160(75°)	MT4	225	102.5	160	31.267	35	75°
DS5X200(75°)	MT5	252	129.5	200	44.399	40	75°
DS5X250(75°)	MT5	281	129.5	250	44.399	57	75°
DS6X200(75°)	MT6	320	182	200	63.348	40	75°
DS6X250(75°)	MT6	355	182	250	63.348	57	75°

ZY-50010 精密重型回转顶尖 PRECISION HEAVE-DUTY LIVE CENTER



规格 Model	锥柄型号 (Taper shank model)	L (mm)	L1 (mm)	D (mm)	D1 (mm)	d (mm)	径向载荷(N)	极限转速(rpm)	精度(mm) (Accuracy)
DM511	MT1	109.6	18.5	38	12.065	16	1400	3600	0.008
DM512	MT2	128.5	24	48	17.780	22	3500	3400	0.01
DM513	MT3	156	28.5	58	23.825	25	5500	3200	0.01
DM514	MT4	192.5	31.5	68	31.267	28	8000	3000	0.01
DM515	MT5	245	45	90	44.399	41	10000	2500	0.012
DM516	MT6	342.5	64	130	63.348	63	15000	1500	0.015

ZY-50012 604H型精密回转顶尖 604H PRECISION LIVE CENTER



规格 Model	锥柄型号 (Taper shank model)	L (mm)	L1 (mm)	D (mm)	D1 (mm)	d (mm)	最大载荷(kg)	极限转速(rpm)	精度(mm) (Accuracy)
604H/101	MT1	114	17	36	12.065	15	100	7000	0.01
604H/102	MT2	129	24	45	17.78	20	200	7000	0.005
604H/104	MT3	151.5	27.5	50	23.825	22	400	6300	0.005
604H/106	MT3	160.5	31	60	23.825	25	500	5000	0.005
604H/108	MT4	205	41	70	31.267	32	800	3800	0.005
604H/110	MT5	258.5	50.5	90	44.399	40	2000	3000	0.005
604H/114	MT6	334	57.5	105	63.348	50	3500	2600	0.01
604H/116	MT6	378	67	140	63.348	60	4500	1500	0.01
604H/116E	ME80	392	68	140	80	60	7500	1500	0.015



ZY-60001 PB系列平行块

PRECISION PARALLEL BLOCK



PB150:

型号 Model	规格 (LxWxH)	件数 (Pcs)
PB150-1	150x10xH (H:14,16,18,20,22,24,26,28,30,32,35,40,45,50)	14x2
PB150-2	150x8xH (H:14,16,18,20,22,24,26,28,30,32,35,40,45,50)	14x2
PB150-3	80x4xH (H:14,16,18,20,22,24,26,28,30,32,35,40,45,50)	14x2
PB150-4	200x10xH (H:14,16,18,20,22,24,26,28,30,32,35,40,45,50)	14x2

PB151:

型号 Model	规格 (LxWxH)	件数 (Pcs)
PB151-1	100x4xH (H:10,14,18,22,26,30,34,38,42)	9x2
PB151-2	160x4xH (H:10,14,18,22,26,30,34,38,42)	9x2
PB151-3	150x8.5xH (H:14,16,20,24,30,32,36,40,44)	9x2
PB151-4	150x10xH (H:14,16,20,24,30,32,36,40,44)	9x2

PB153:

型号 Model	规格 (LxWxH)	件数 (Pcs)
PB153-1	125x8xH(H:11,16,21,26,31,36) 125x10xH(H:13,18,23,28,33,38) 125x12xH(H:15,20,25,30,35,40) 125x14xH(H:17,22,27,32,37,42)	24x2
PB153-2	150x8xH(H:11,16,21,26,31,36) 150x10xH(H:13,18,23,28,33,38) 150x12xH(H:15,20,25,30,35,40) 150x14xH(H:17,22,27,32,37,42)	24x2

特点:

- ◎产品性能稳定, 具有高耐磨性, 使用方便
- ◎硬度: HRC55-62
- ◎精度: 0.01mm
- ◎平行度: 0.005mm

PB154:

型号 Model	规格 (LxWxH)	件数 (Pcs)
PB154-1	150x8xH (H:16,18,20,22,24,26,28,30,32,34,36,38,40,42,44,46,48,50)	18x2
PB154-2	150x8xH (H:17,19,21,23,25,27,29,31,33,35,37,39,41,43,45,47,49,51)	18x2

PB155:

型号 Model	规格 (LxWxH)	件数 (Pcs)
PB155-1	120x10xH (H:14,16,18,20,22,24,26,28,30,32,35,40)	12x2
PB155-2	150x10xH (H:14,16,18,20,22,24,26,28,30,32,35,40)	12x2

PB156:

型号 Model	规格 (LxWxH)	件数 (Pcs)
PB156-1	120x8xH(12,17,22,25,28,32,36,38)	8x2
PB156-2	160x8xH(12,17,22,25,28,32,36,38)	8x2
PB156-3	200x8xH(17,22,26,28,32,36,38,42)	8x2

PB161:

型号 Model	规格 (LxWxH)	件数 (Pcs)
PB161	100x5x16,100x6x18,100x8x24, 100x10x30,150x12x36, 150x14x48,150x18x60, 150x22x62,200x31x15	9x2

Features:

- ◎The product has stable performance, high wear resistance, and is easy to use
- ◎Hardness: HRC55-62
- ◎Accuracy: 0.01mm
- ◎Parallelism: 0.005mm



ZY-60002 组合压板套装

CLAMPING SET



58件机床夹具每套包括:

- ◎6支T型槽螺母
- ◎6支法兰螺母
- ◎4支连接螺母
- ◎6块阶梯压板
- ◎12块阶梯垫铁
- ◎24根双端螺栓, 长度为3"、4"、5"、6"、7"、8" 各4根

Each set of 58 machine tool fixtures includes:

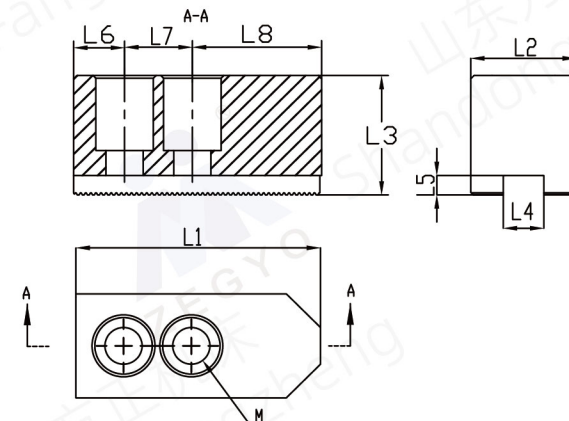
- ◎6 T-slot nuts
- ◎6 flange nuts
- ◎4 connecting nut
- ◎6 step pressure plates
- ◎12 step washers
- ◎24 double-ended bolts, 4 each in length of 3", 4", 5", 6", 7", 8"

T型螺母尺寸 (公制) T-slot Size(mm)	螺栓尺寸 (公制) Stud Size(mm)
9.7	M8x1.25
11.7	M10x1.5
13.7	M10x1.5
13.7	M12x1.75
15.7	M12x1.75
15.7	M14x2
17.7	M14x2
17.7	M16x2
19.7	M16x2

T型螺母尺寸 (美制) T-slot Size(US)	螺栓尺寸 (美制) Stud Size(US)
3/8	5/16-18
7/16	3/8-16
1/2	3/8-16
9/16	3/8-16
9/16	1/2-13
5/8	1/2-13
11/16	1/2-13
11/16	5/8-11
3/4	5/8-11
13/16	5/8-11

ZY-60003 油压软爪

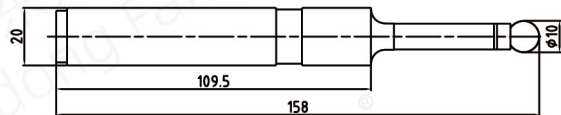
HYDRAULIC SOFT CLAWS



规格 Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	L6 (mm)	L7 (mm)	L8 (mm)	M	锯齿状节距 (Serration Pitch)
JSR05	54	25	30	10	5	9	14	31	M8	1.5x60°
JSR06	73	31	36	12	5	15	20	31	M10	
JSR08	95	35	37	14	5	25	25	46	M12	
JSR10	110	40	42	16	5	30	30	50	M12	
JSR12	130	50	50	21	5	39	30	61	M14	
JSR12-1	130	50	50	18	5	39	30	61	M16	
JSR15	165	62	62	22	8	37	43	85	M20	
JSR15-1	165	62	62	25.5	5	37	43	85	M20	



ZY-60004 光电式寻边器 ELECTRONIC EDGE FINDER



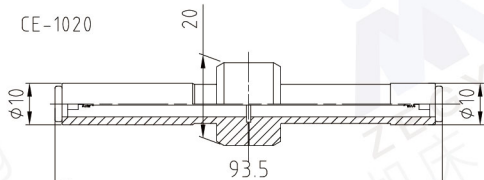
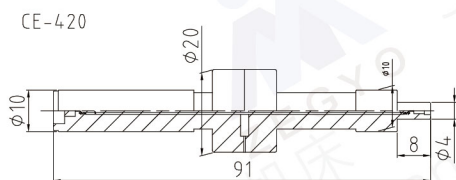
特点:

- ◎选用优质合金钢制造，淬火后精密磨削
- ◎接触时发光显示
- ◎找正准确、迅速，使用方便
- ◎同轴度0.01mm

Features:

- ◎Made of high-quality alloy steel and precision ground after quenching
- ◎Illuminate display upon contact
- ◎Accurate and fast alignment, easy to use
- ◎Coaxiality 0.01mm

ZY-60005 机械寻边器 MACHINEAL EDGE FINDER



特点:

- ◎选用优质合金钢制造，淬火后精密磨削
- ◎用于圆弧面、平面的找正定位
- ◎找正准确、迅速，使用方便
- ◎同轴度0.005mm

Features:

- ◎Made of high-quality alloy steel and precision ground after quenching
- ◎Used for alignment and positioning of curved surfaces and planes
- ◎Accurate and fast alignment, easy to use
- ◎Coaxiality 0.005mm

ZY-60006 清洁棒 CLEANER



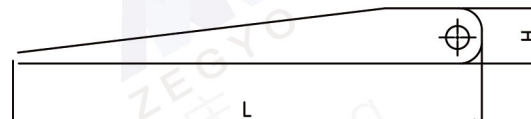
型号 Model	机床主轴 (Spindle)
30	30
40	40
50	50



型号 Model	机床主轴 (Spindle)
HSK63	HSK63
HSK100	HSK100



ZY-60007 DIN317 拆卸楔铁 MORSE SHANK PULLER



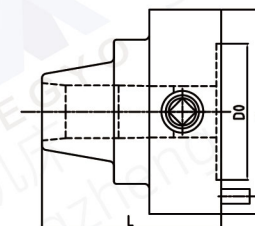
规格 Model	MT	L (mm)	H (mm)
DIN317/0	MT0	90	12
DIN317/1-2	MT1 MT2	140	20
DIN317/3	MT3	190	25
DIN317/4	MT4	225	30
DIN317/5-6	MT5 MT6	265	35

ZY-60008 DIN318 半自动楔铁 SEMI-AUTOMATIC MORSE SHANK PULLER



规格 Model	MT	总长 (Overall Length)
DIN318/1-3	MT1 MT2 MT3	317
DIN318/4-6	MT4 MT5 MT6	380

ZY-60009 5C夹具 5C FIXTURE



规格 Model		3911-125-5C	
夹持范围 (Clamping rang)	圆孔 (Round)	1-28mm	3/64" -1 1/8"
	四方孔 (Square)	3-19mm	1/8" -3/4"
	六方孔 (Hex)	3-22mm	1/8" -7/8"
D (mm)		126	
DO (mm)		95	
L (mm)		107	

特点:

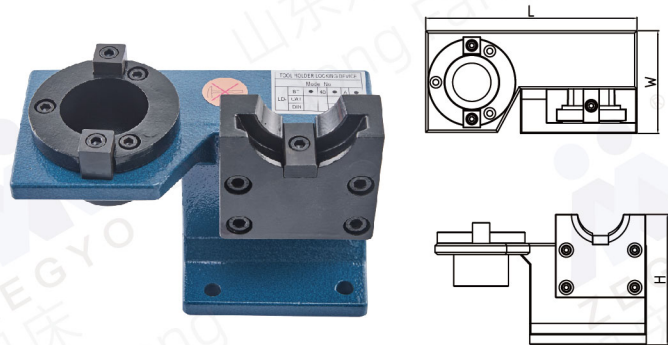
- ◎与5C夹头配合，可夹持不同直径的刀具或工件
- ◎精度高，操作方便，夹持牢固
- ◎可安装与车床，磨床及其它专用设备上

Features:

- ◎Combined with 5C chuck, it can clamp tools or workpieces of different diameters
- ◎High precision, easy operation, firm clamping
- ◎Can be installed on lathes, grinders and other special equipment



ZY-60010 锁刀座 BT/DIN LOCKING DEVICE



规格 Model	L (mm)	W(mm)	H(mm)	重量 Weight(Kg)
BT30	205	98.5	128	3.7
BT40	205	98.5	128	3.8
BT50	275	150	198	11.4
DIN69871 30	205	98.5	128	3.7
DIN69871 40	205	98.5	128	3.8
DIN69871 50	275	150	198	11.4
CAT40	205	98.5	128	3.8
CAT50	275	150	198	11.4

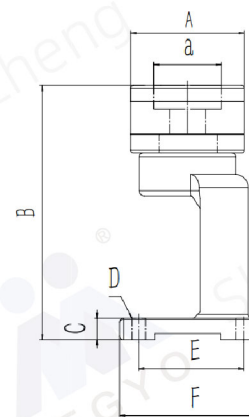
特点:

- ◎用于锁刀、拆刀用机床附件
- ◎操作简单，可以立式、横式两种状态下使用
- ◎无需调整角度即可使用

Features:

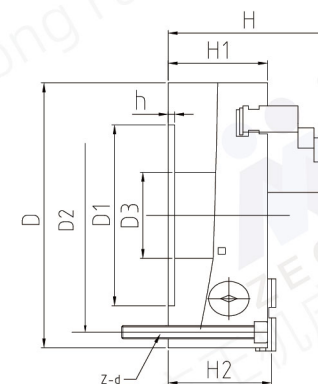
- ◎ Used for locking and disassembling machine tool accessories
- ◎ Easy to operate, can be used in both vertical and horizontal positions
- ◎ Can be used without adjusting the angle

ZY-60011 HSK锁刀座 HSK LOCKING DEVICE



规格 Model	a (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
HSK-32	32.5	78	168	16.2	10.5	81	104
HSK-40	40.5	78	168	16.2	10.5	81	104
HSK-50	50.5	78	168	16.2	10.5	81	104
HSK-63	63.5	82.5	168	16.2	10.5	81	104
HSK-100	100.5	128.2	168	18.4	10.5	99.5	135.8
HG BT30	32	76	168	16.2	10.5	81	104
HG BT40	44	76	168	16.2	10.5	81	104

ZY-60012 K11系列三爪自定心卡盘 K11 THREE-JAW SELF-CENTERING CHUCK



规格 Model	D1 (mm)	D2 (mm)	D3 (mm)	H (mm)	H1 (mm)	H2 (mm)	h (mm)	z-d (mm)	最大输入扭矩 (Nm)	极限转速 (r/min)
80	55	66	16	66	50	-	3.5	3-M6	40	4000
100	72	84	22	74.5	55	-	3.5	3-M8	60	3500
125	95	108	30	84	58	-	4	3-M8	100	3000
130	100	115	30	86	60	-	3.5	3-M8	100	3000
160	130	142	40	95	65	-	5	3-M8	160	2500
160A	130	142	40	109	65	71	5	3-M8	160	2500
200	165	180	65	109	75	-	5	3-M10	250	2000
200C	165	180	65	122	75	78	5	3-M10	250	2000
200A	165	180	65	122	75	80	5	3-M10	250	2000
240	195	215	70	120	80	-	8	3-M12	320	1600
240C	195	215	70	130	80	84	8	3-M12	320	1600
250	206	226	80	120	80	-	5	3-M12	320	1600
250C	206	226	80	130	80	84	5	3-M12	320	1600
250A	206	226	80	136	80	86	5	3-M12	320	1600
315	260	226	100	147	90	-	6	3-M12	400	1200
315A	260	285	100	153	90	95	6	3-M16	400	1200
320	270	285	100	152.5	95	-	11	3-M16	400	1200
320C	270	290	100	153.5	95	101.5	11	3-M16	400	1200
325	272	290	100	153.5	96	-	12	3-M16	400	1200
325C	272	296	100	154.5	96	102.5	12	3-M16	400	1200
325A	272	296	100	169.5	96	105.5	12	3-M16	400	1200
380	325	296	135	155.7	98	-	6	3-M16	500	1000
380C	325	350	135	156.5	98	104.5	6	3-M16	500	1000
380A	325	350	135	171.5	98	107.5	6	3-M16	500	1000
400D	340	350	130	172	100	108	6	3-M16	500	1000
500D	440	368	210	202	115	126	6	3-M16	630	800
500A	440	465	210	202	115	126	6	3-M16	630	800

短圆柱连接形式:

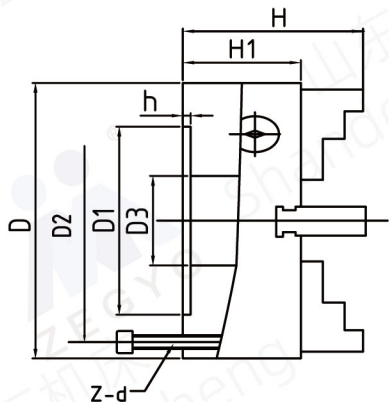
- ◎K11型卡盘配带整体爪（正爪和反爪各一副）
- ◎K11A、K11C和K11D、K11E型卡盘卡爪为分离爪形式，可调整为正爪或反爪使用
- ◎K11A和K11D、K11E型卡盘卡爪符合ISO3442标准
- ◎K11C型卡盘卡爪为传统结构的分离爪
- ◎可提供各种形式的软卡爪
- ◎按用户需求，可提供前穿螺钉安装方式卡盘

Short cylinder connection form:

- ◎K11 chuck with integral claws (one set of positive claws and one set of negative claws)
- ◎The K11A, K11C, K11D, and K11E chuck jaws are in the form of separate jaws that can be adjusted for use as positive or negative jaws
- ◎K11A, K11D, and K11E chuck jaws comply with ISO3442 standard
- ◎The K11C chuck claw is a traditional separation claw structure
- ◎Can provide various forms of soft claws
- ◎According to user needs, we can provide a front screw installation method for the chuck



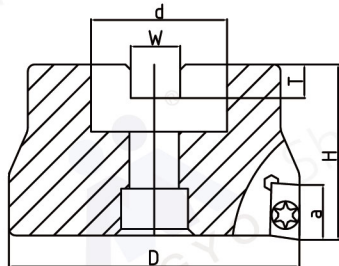
ZY-60013 K12四爪自定心卡盘 K12 FOUR-JAW SELF-CENTERING CHUCK



规格 Model	D1(mm)	D2(mm)	D3(mm)	H(mm)	H1(mm)	h(mm)	Z-d(mm)
80	55	66	16	66	50	3.5	4-M6
100	72	84	22	73	53.5	3.5	3-M8
125	95	108	30	84	58	4	3-M8
130	100	115	30	86	60	3.5	3-M8
160	130	142	40	95	65	5	3-M8
160A	130	142	40	109	65	5	3-M8
165	130	145	40	96.5	66.5	4.5	3-M8
190	155	172	55	105	75	5	3-M10
200	165	180	65	109	75	5	3-M10
200C	165	180	65	122	75	5	3-M10
200A	165	180	65	122	75	5	3-M10
240	195	215	70	120	80	8	3-M12
250	206	226	80	120	80	5	3-M12
250C	206	226	80	130	80	5	3-M12
250A	206	226	80	136	80	5	3-M12
325(325C)	272	296	100	153.5(154.5)	96	12	3-M16
325A	272	296	100	169.5	96	12	3-M16
380(380C)	325	350	135	155.5 (156.5)	98	6	3-M16
380A	325	350	135	171.5	98	6	3-M16
500A	440	465	210	202	115	6	6-M16



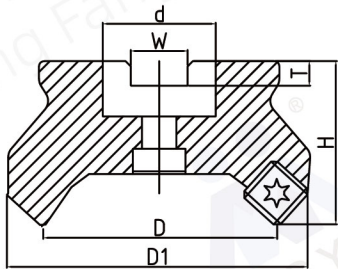
ZY-60014 直角台肩壳形铣刀盘 RIGHT ANGLE SHOULDER SHELL MILLING CUTTER



规格 Model	尺寸 (Size)						刀片 (Insert)	螺钉 (Screw)	扳手 (Wrench)
	D (mm)	d (mm)	H (mm)	W (mm)	T (mm)	a (mm)			
BAP300R-40-16-4T	40	16	40	8.4	6.3	9	APMT1135PDER	M2.5*6	T8
BAP300R-50-22-4T	50	22	50	10.4	6.3	9	APMT1135PDER	M2.5*6	T8
BAP300R-63-22-5T	63	22	50	10.4	6.3	9	APMT1135PDER	M2.5*6	T8
BAP400R-50-22-4T	50	22	50	10.4	6.3	14	APMT1604PDER	M4.0*9	T15
BAP400R-50-25.4-4T	50	25.4	50	10	6	14	APMT1604PDER	M4.0*9	T15
BAP400R-63-22-4T	63	22	50	10.4	6.3	14	APMT1604PDER	M4.0*9	T15
BAP400R-63-22-5T	63	22	50	10.4	6.3	14	APMT1604PDER	M4.0*9	T15
BAP400R-63-25.4-4T	63	25.4	50	10	6	14	APMT1604PDER	M4.0*9	T15
BAP400R-80-25.4-4T	80	25.4	50	10	6	14	APMT1604PDER	M4.0*9	T15
BAP400R-80-27-5T反齿	80	27	50	12.4	7	14	APMT1604PDER	M4.0*9	T15
BAP400R-80-27-5T	80	27	50	12.4	7	14	APMT1604PDER	M4.0*9	T15
BAP400R-80-27-6T	80	27	50	12.4	7	14	APMT1604PDER	M4.0*9	T15
BAP400R-80-27-6T	80	27	50	12.4	7	14	APMT1604PDER	M4.0*9	T15
BAP400R-100-32-6T	100	32	50	14.4	8	14	APMT1604PDER	M4.0*9	T15
BAP400R-100-31.75-6T	100	31.75	50	13	8	14	APMT1604PDER	M4.0*9	T15
BAP400R-125-40-6T	125	40	63	16.4	9	14	APMT1604PDER	M4.0*9	T15
BAP400R-125-38.1-7T	125	38.1	63	16.4	10	14	APMT1604PDER	M4.0*9	T15
BAP400R-160-40-8T	160	40	63	16.4	9	14	APMT1604PDER	M4.0*9	T15
BAP400R-200-60-10T	200	60	63	25.7	14	14	APMT1604PDER	M4.0*9	T15
BAP400R-250-60-12T	250	60	63	25.7	14	14	APMT1604PDER	M4.0*9	T15



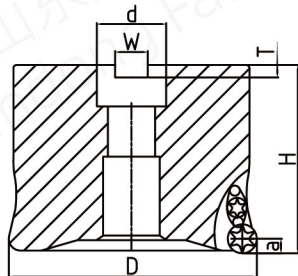
ZY-60015 壳形铣刀盘 SHELL MILLING CUTTER



规格 Model	尺寸 (Size)						刀片 (Insert)	螺钉 (Screw)	扳手 (Wrench)
	D (mm)	D1 (mm)	d (mm)	H (mm)	W (mm)	T (mm)			
KM12-50-22-4T	50	64	22	50	10.4	6.3	SEHT1204	M5*11	T20
KM12-50-22-4T反齿	50	64	22	50	10.4	6.3			
KM12-50-25.4-4T	50	64	25.4	50	10	6			
KM12-63-22-4T	63	77	22	50	10.4	6.3			
KM12-63-25.4-4T	63	77	25.4	50	10	6			
KM12-80-27-5T	80	94	27	50	12.4	7			
KM12-80-27-5T反齿	80	94	27	50	12.4	7			
KM12-100-32-5T	100	114	32	50	14.4	8			
KM12-100-31.75-5T	100	114	31.75	50	13	8			
KM12-126-40-6T	125	139	40	63	16.4	9			
KM12-125-38.1-6T	125	139	38.1	63	16.2	10			
KM12-160-40-7T	160	174	40	63	16.4	9			
KM12-160-38.1-7T	160	175	38.1	63	16.2	10			
KM12-200-60-10T	200	214	60	63	25.7	14			
KM12-200-38.1-10T	200	214	38.1	63	16.2	10			
KM12-250-60-12T	250	264	60	63	25.7	14			
KM12-300-60-14T	300	314	60	63	25.7	14			
KM12-315-60-14T	315	329	60	63	25.7	14			



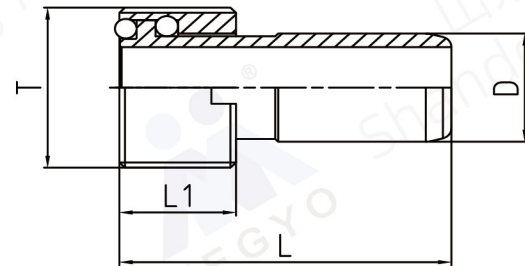
ZY-60016 圆鼻壳形铣刀盘 ROUND NOSE SHELL-SHAPED MILLING CUTTER DISC



规格 Model	尺寸 (Size)						刀片 (Insert)	压板 (Clamp)	螺钉 (Screw)	扳手 (Wrench)
	D (mm)	d (mm)	H (mm)	W (mm)	T (mm)	a (mm)				
EMR-5R-40-16-4T	40	16	42	8.5	5	5	RPMT1003 MO	A-5R	A40100J A35100F M4*10 M35*10	T15F T15
EMR-5R-40-22-4T	40	22	42	10.4	6.3	5				
EMR-5R-50-22-4T	50	22	50	10.4	6.3	5				
EMR-5R-53-22-4T	63	22	50	10.4	6.3	5				
EMR-5R-63-22-5T	63	22	50	10.4	6.3	5				
EMR-5R-63-25.4-4T	63	25.4	50	10	6	5				
EMR-5R-80-27-5T	80	27	50	12.4	7	5				
EMR-5R-80-27-6T	80	27	50	12.4	7	5				
EMR-5R-80-25.4-6T	80	25.4	50	10	6	5				
EMR-5R-100-32-6T	100	32	50	14.4	7	5				
EMR-5R-100-31.75-6T	100	37.75	63	13	8	5				
EMR-5R-125-40-6T	125	40	63	16.4	9	5				
EMR-5R-160-40-8T	160	40	63	16.4	9	5				
EMR-5R-200-60-10T	200	60	63	25.7	14	5				
EMR-5R-250-60-12T	200	60	63	25.7	14	5				

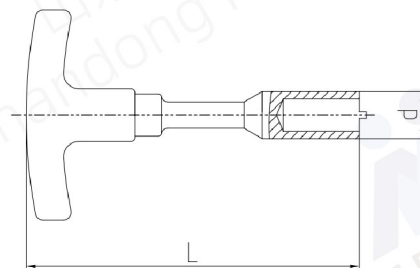


ZY-60017 HSK内冷管 HSK COOLANT PIPE



规格 Model	L (mm)	L1 (mm)	D (mm)	T (Thread)
HSK32-CP	26	5.5	6	M10*1.0P
HSK40-CP	29.5	7.5	8	M12*1.0P
HSK50-CP	33	9.5	10	M16*1.0P
HSK63-CP	36.5	11.5	12	M18*1.0P
HSK100-CP	44	15.5	16	M24*1.5P

ZY-60018 HSK内冷扳手 HSK COOLANT PIPE WRENCH



规格 Model	L (mm)	d (mm)
HSK63-CPW	130	16.6
HSK100-CPW	150	22



ZY-60019 混合插入式刀柄附件 ACCESSORY OF COMBI SHELL END MILL ARBORS



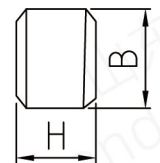
拨环 (Drive Ring)	扳手 (Wrench)	适用刀杆直径 (Applicable arbor's dia)
RING-13	WRENCH-13	13mm
RING-16	WRENCH-16	16mm
RING-22	WRENCH-22	22mm
RING-1" (inch)	WRENCH-1" (inch)	1" (inch)
RING-27	WRENCH-27	27mm
RING-32	WRENCH-32	32mm
RING-40	WRENCH-40	40mm
RING-50	WRENCH-50	50mm

混合插入式铣刀杆专用螺钉 (Screw for COMBI SHELL END MILL ARBORS)

规格 Model	螺纹规格 (Thread Model)	适用刀杆直径 (Applicable arbor's dia)
SD-M6	M6	13mm
SD-M8	M8	16mm
SD-M10	M10	22mm
SD-M12	M12	27mm
SD-M16	M16	32mm
SD-M20	M20	40mm
SD-M24	M24	50mm
SD-M30	M30	60mm

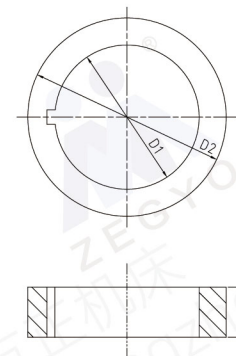


混合插入式铣刀杆专用驱动键块 (Driven Key for COMBI Shell Mill Holders for Assembling Disk Cutters)



规格 Model	L(mm)	B(mm)	H(mm)
16	20	4	4
22	25	6	6
27	25	7	7
32	28	8	7
40	32	10	8
50	36	12	8

混合插入式铣刀杆三面刃侧铣刀盘专用垫块 (Stub spacer rings in accordance with DIN 2084-B standard)



规格 (Model) D1 (mm) x D2 (mm) x L (mm)		
22x34x2	32x47x1	40x55x10
22x34x5	32x47x2	40x55x20
22x34x6	32x47x4	40x55x30
22x34x20	32x47x5	50x69x1
27x41x2	32x47x20	50x69x3
27x41x4	32x47x30	50x69x5
27x41x6	40x55x2	50x69x20
27x41x8	40x55x4	50x69x30
27x41x10	40x55x5	
27x41x20	40x55x6	