

Medium Duty Live Center

Brief introduction

Carbide Light Duty Live Center Machine Accessories, machine tool parts in machining. Tail with a taper shank, installed in the machine tool spindle taper or tailstock shaft hole, with its head against the workpiece cone. Can be used to face the complex parts and do not allow the central hole of the supporting parts. The top is mainly composed of a thimble, a clamping device, a shell, a fixed pin, a bearing and a core shaft. Thimble is the top of the inner hole of the center hole or pipe material, on the other end can be top end is a spherical or conical parts, thimble by the clamping device fixed. **Specifications**

1. Light Duty Live Center VPC-MT1,2,3,4,5
2. This live center's accuracy:0.005mm
3. Live live center, High-speed NC live center, Inter-changeable point live center, Lathe center are available.
4. Speed Max:1500~3200r.p.m

Model.No	MS.NO	L	L1	D	D1	d	(N) Max Radial Load	(rpm) Max Speed	KGS	
D411H	MS1	115	20	34	12.065	18	900	5000	0.29	
D412H	MS2	145	26	45	17.78	25	1500	5000	0.7	
D413H	MS3	170	30	52	23.825	28	2000	4200	0.93	
D414H	MS4	205.7	34.7	60	31.267	32	3200	3200	1.7	
D415H	MS5	254	45	44	44.399	45	6300	2000	3.39	
D416H	MS6	362	68.5	125	63.348	75	10000	1600	12	
D411LH	MS1	125	30	34	12.065	18	900	5000	0.31	
D412LH	MS2	155	36	45	17.78	25	1500	5000	0.74	
D413LH	MS3	183	43	52	23.825	28	2000	4200	0.99	
D414LH	MS4	222	51	60	31.267	32	3200	3200	1.8	
D415LH	MS5	272	63	44	44.399	45	6300	2000	3.62	
D416LH	MS6	382	88.5	125	63.348	75	10000	1600	12.69	

1. Application and features:

It is an necessary accessory used on medium type lathe for such machine tools as spindle sleeve,tubes and other parts on lathe,locked by center hole.

This product can take big axial load with high precision,and easy operation,spare time and strength reliable performance.

2. Operation steps:

A. Clean the taper hole of the tail-stock of the lathe and the shank of center,before putting the shank in the tail stock.

B. Push the tail-stock to clamp the workpiece,if contacting well,lock the tail-stock,then ready for cutting.

C. After finishing cutting, cut off the power, loosen the stock to load down the workpiece.

3. Maintenance:

A. Turn down the nut to grease the bearing by period.

B. If long stored, cleaning and covering it with oil.

Products advantages

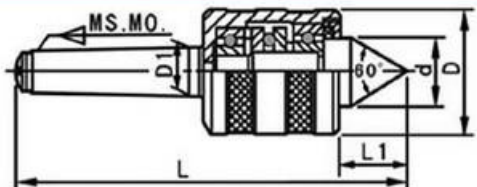
1. Reliable seal design, can prevent dust and cooling liquid penetrate into the interior, head oil hole, the internal bearing oiling maintenance and bearing protection, improve service life.

2. body material: 40Cr forging parts, heat treatment hardness HRC40-42

3. tip axis material: alloy tool steel, heat treatment hardness HRC58-60, with high rigidity and wear resistance.

4. bearing selection: precision cylindrical roller bearings, needle roller bearings.

中型回转顶尖 Medium Duty Live Center



Model	MS.NO	L	D	D1	Wt.
MT2	2	130.5	33	17.780	0.702
MT3	3	170	52	23.825	0.933
MT4	4	210	58	31.267	1.705
MT5	5	268	77	44.399	3.392
MT6	6	362	98	63.348	12