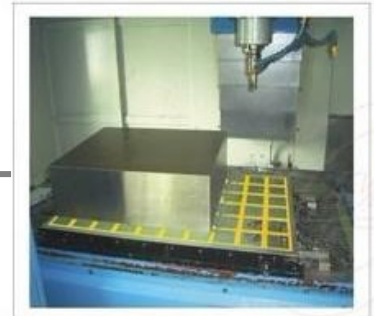


## Electro Permanent Magnetic Milling Chuck

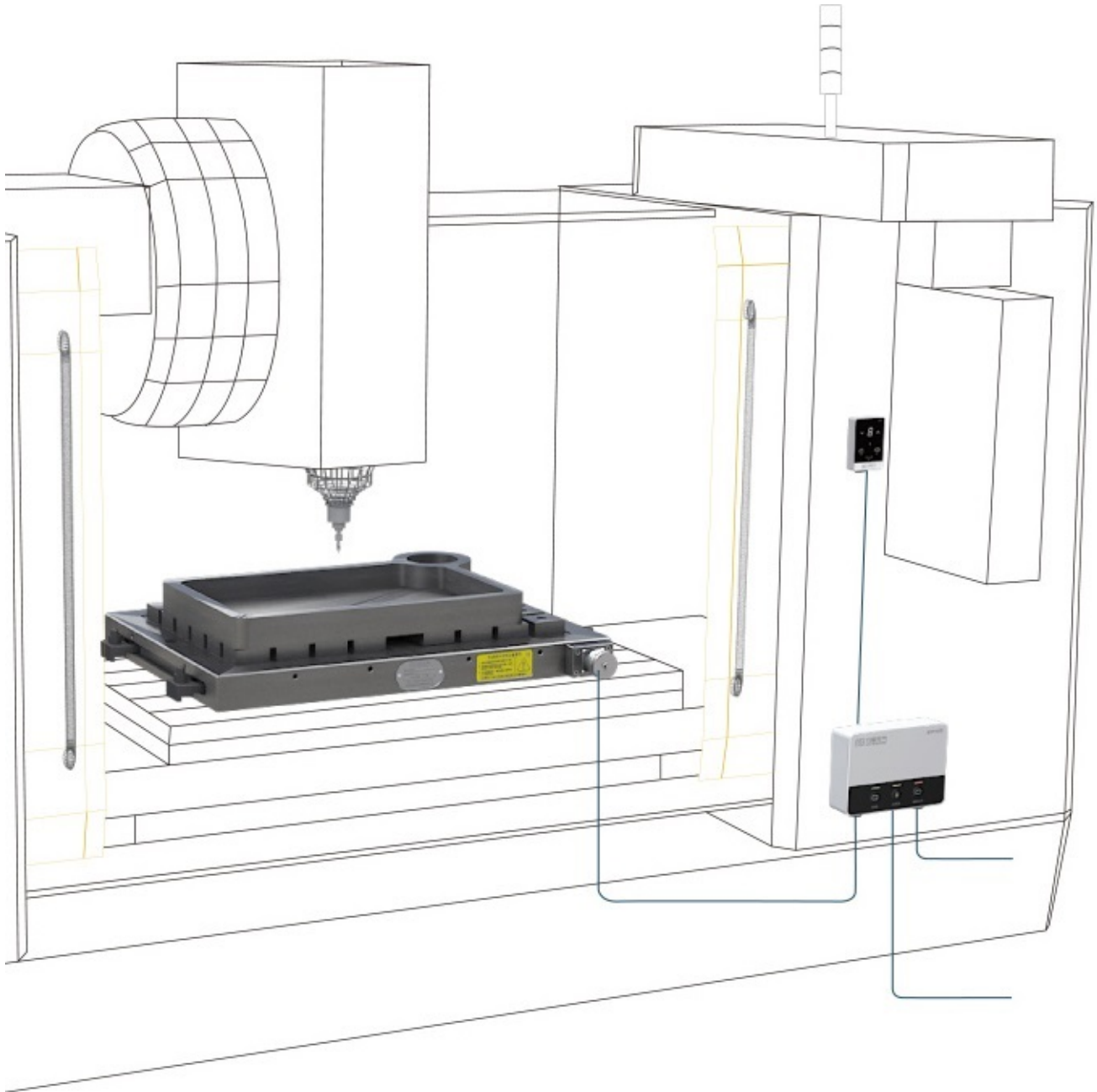
Electro permanent magnetic (EPM) milling chuck is the best magnetic clamping tool at present, which use electro pulse to (de)magnetize. It is safe and reliable when workpiece is held by magnetic chuck in mechanical processing. Magnetize and Demagnetize" time is less than 1 second, After magnetization, the magnetic chuck holds the magnetism permanently, and the chuck won't consume any energy at all during the whole machining. It is widely used in CNC machining, milling and die manufacturing.

### ADVANTAGES & FEATURES

- It is available to machine five sides, workpieces which is larger than working platform also can be held for machining.
- Save 50%-90% clamping operation time, increase working efficiency of labor and machine tool, reduce clamping workload greatly. No require to change machine tool or production line. Because of uniform force, workpiece won't be transformed, no shaking in mechanical processing. Extend working life of cutting tools.
- The EPM magnetic chuck is applicable to clamp various components under heavy or high-speed milling in horizontal and vertical type, it can be for curving, irregular, difficult clamping, batch and particular workpieces. It is applicable to rough and finish machining.
- Constant holding force, no need electricity when it is in magnetization status, no radiation of magnetic line, no heating phenomenon.
- Electro permanent magnetic milling chuck is applicable to various high precision CNC, CNC milling machine and etc
- Distinctive magnetic circuit, reasonable parameters, attraction evenly. Strip, block and Deformed pole



- Electro permanent magnetic milling chuck is milled integrally, powerful rigidity, no thermal deformation, high precision.
- Easy to operate, won't lose excitation after power cut, safe and reliable Based on customers' requirement, make various magnetic chuck products of special performance and dimension.

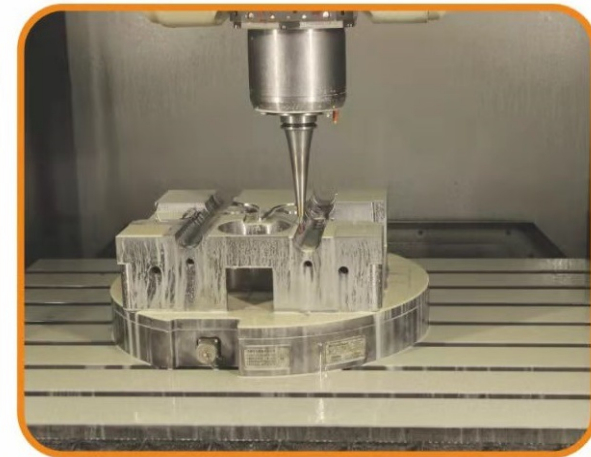


## APPLICABLE FIELDS

Rectangle type is widely used in mechanical processing, milling, plastic processing, automobile manufacturing, shipbuilding, etc

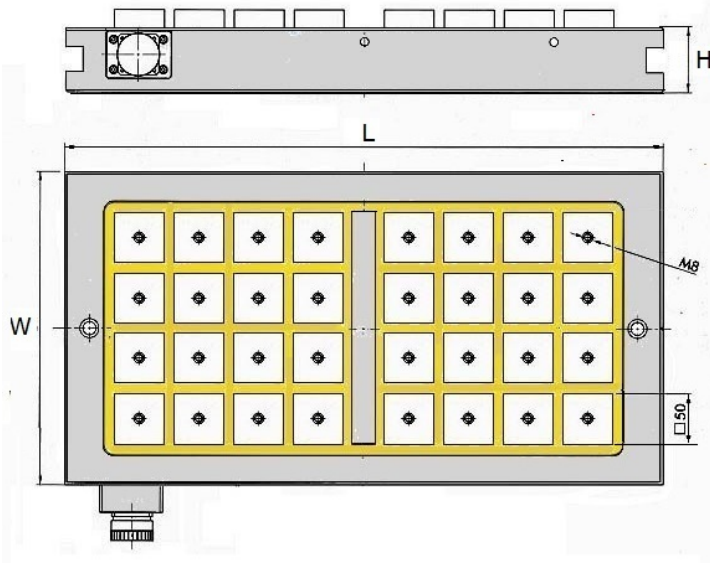
Round radical type is for the purpose of turning, milling, grinding of round workpieces. Applicable machine tools: CNC, injection molding machine, molding machine, vertical lathe, surface grinder, milling machine, radial drilling machine, carved machine, and various of machine tools.

Applicable processing mode: End side milling, drilling, round rod end milling, slotting, the combined parts milling, plane machining, hole processing, lumen, boring, three contour machining, mold processing, Angle of the milling and chamfering, horizontal milling, irregular workpiece machining, welding and so on.





## MODELS AND SPECIFICATION

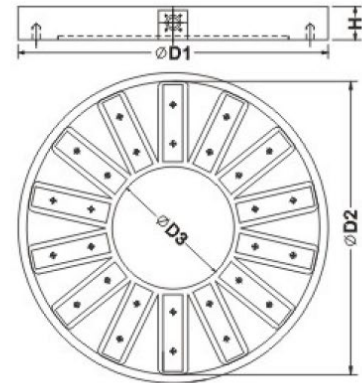


Model.	Surface Dimension (mm)		Weight (kg)	Pole Number	Square Pole Size	Height (mm) H
	W	L				
DYZ50-2443	240	430	58	18		
DYZ50-2459	240	590	79	24		
DYZ50-2481	240	810	101	33		
DYZ50-2499	240	990	120	42		
DYZ50-3031	300	310	48	16		
DYZ50-3043	300	430	73	24		
DYZ50-3059	300	590	102	32		
DYZ50-3081	300	810	126	44	50 x 50 mm	Net 66mm
DYZ50-3087	300	870	166	48		
DYZ50-3099	300	990	150	56		
DYZ50-4243	420	430	114	36	With holding force 400N	With padding block 86mm
DYZ50-4259	420	590	142	48		
DYZ50-4281	420	810	176	66		
DYZ50-4287	420	870	185	72		
DYZ50-4299	420	990	210	84		
DYZ50-4859	480	590	144	56		
DYZ50-4881	480	810	202	77		
DYZ50-4887	480	870	212	84		
DYZ50-4899	480	990	240	98		
DYZ50-6060	600	600	180	64		
DYZ50-6081	600	810	252	99		

<b>DYZ50-6087</b>	600	870	274	108		
<b>DYZ50-6099</b>	600	990	300	126		
<b>DYZ50-7581</b>	755	810	286	121		
<b>DYZ70-3040</b>	300	420	64	12		
<b>DYZ70-3060</b>	300	610	93	18		
<b>DYZ70-3080</b>	300	800	122	24		
<b>DYZ70-4040</b>	380	420	81	16	70 x 70 mm	Net 67mm
<b>DYZ70-4060</b>	380	610	118	24		
<b>DYZ70-4080</b>	380	800	155	32		
<b>DYZ70-5060</b>	540	610	168	36	With holding force 784N	With padding block 87mm
<b>DYZ70-5080</b>	540	800	220	48		
<b>DYZ70-50100</b>	540	990	272	60		
<b>DYZ70-6060</b>	620	610	193	42		
<b>DYZ70-6080</b>	620	800	253	56		
<b>DYZ70-60100</b>	620	990	313	70		



- 1 Chuck Body    2 Fixing Screw Hole    3 Controller Adaptor    4 Controller  
 5 Remote Panel (Optional)    6 Epoxy Resin Insulation    7 Padding Block    8 Groove For Clamping  
 9 Lifting Ring Fixed Hole    10 Cables For Connect Controller, Magnet Body And Power Supply



Model	Overall Size mm				Weight kg	Pole Number
	D1	D2	D3	H		
DYZ-600R	635	600	250	80	168	14
DYZ-800R	835	800	250	80	320	14
DYZ-1000R	1035	1000	250	80	520	14/28
DYZ-1200R	1285	1250	250	80	832	14/28
DYZ-1300R	1300	1300	350	80	864	18/36



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### Technical Changes

The data and illustrations in this catalogue are not binding and only provide an approximate description. We reserve the right to make changes to the product delivered compared with the data and illustrations in this catalogue, e.g. in respect of technical data, design, fittings, material and external appearance.

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