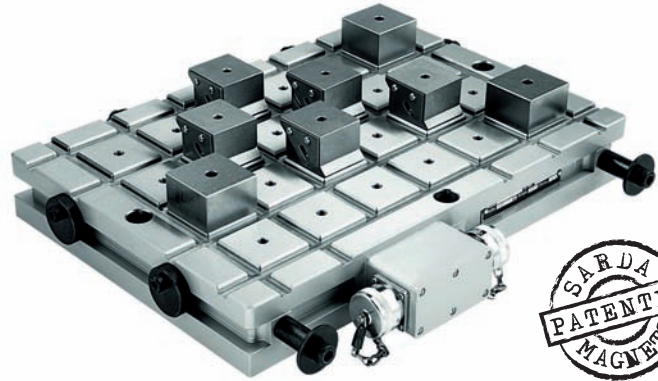


MAGNASLOT 50

50mm square pole rectangular magnetic chuck

Features

- Patented full steel Top surface.
- Low height of magnetic flux.
- High & uniform clamping power throughout the bed.
- Variable magnetic power possible.
- Perfect safety in case of power failure.
- Modular, Rigid and Robust construction.
- Unobstructed movement of tools during machining as all five faces of the job can be machined in the same setting.
- Drastically reduces the setup time and machining of the work pieces.
- Total magnetic surface used for clamping giving better machining accuracy as reducing chattering.
- 100% Leak Proof.

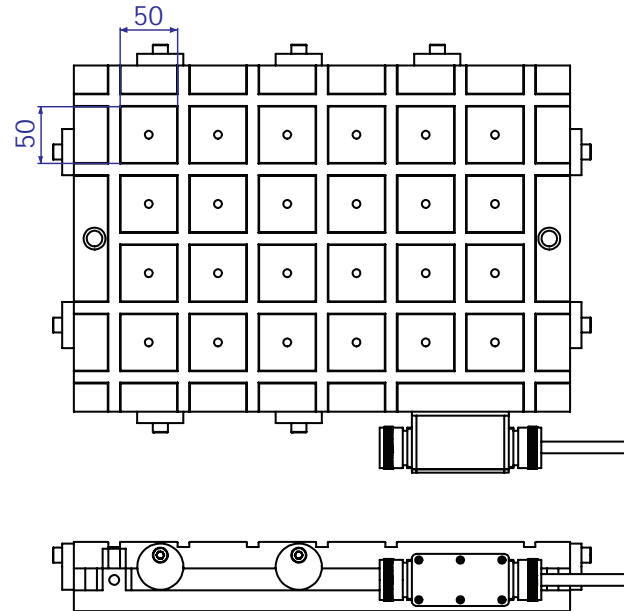


Application

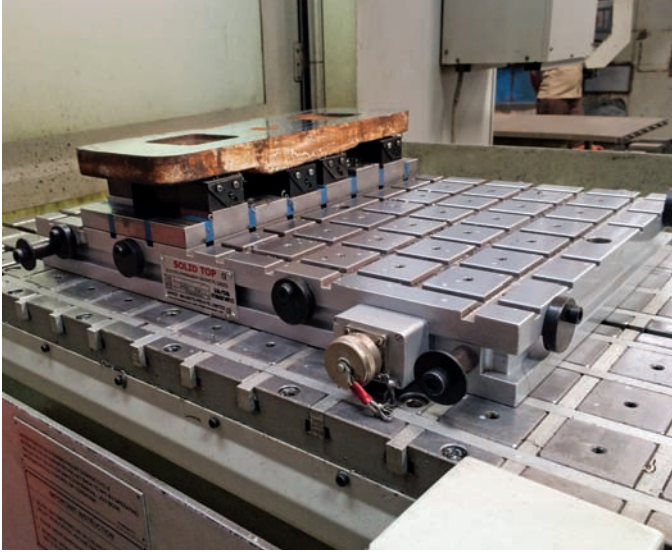
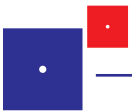
- Most suitable for milling operations on small and thin components.
- A minimum of 8 alternate poles contact is necessary for optimum clamping.
- Minimum thickness of job - 10 mm.
- Easily integrated with Pallet changing and FMS Systems.
- AUTOMATIC SHIMMING: Mobile pole extensions allow clamping and uniformly support work pieces even with uneven surfaces, achieving high accuracies of planarity.
- Clamping force ≥ 350 kg/pole.

ART No.	W	L	No Of Poles	H	Controller	
13117.01	240	430	18	60	93101.01	
13117.02		590	24			
13117.03		750	30			
13117.04		870	36			
13117.05		990	42			
13117.06	300	430	24			
13117.07		590	32			
13117.08		750	40			
13117.09		870	48			
13117.10	990	56	93101.02			
13117.11	420	430				36
13117.12		590				48
13117.13		750				60
13117.14		870	72			
13117.15		990	84			
13117.16	480	430	42			93101.01
13117.17		590	56			
13117.18		750	70			
13117.19		870	84			
13117.20	990	98	93101.02			
13117.21	600	590			72	
13117.22		750			90	
13117.23		870			108	
13117.24		990	126			

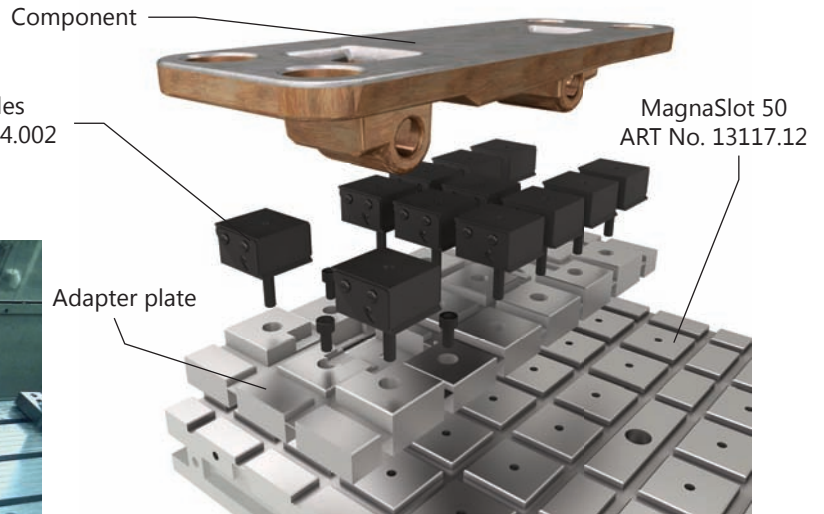
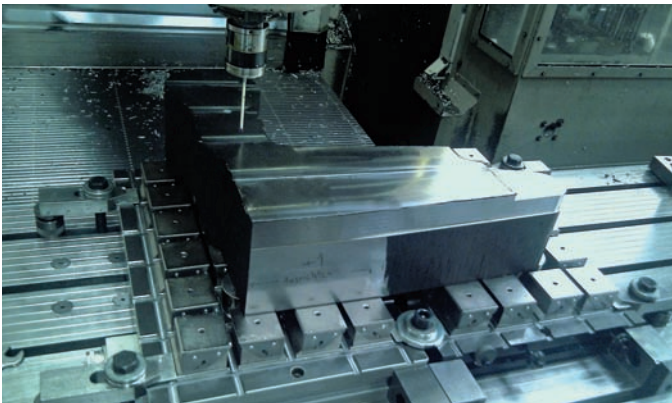
- Due to continuous upgradation in design there could be change in specification.
- Others sizes on request.
- All dimensions are in mm.



- The Magnet can be designed for 220/380/400/480 VAC, 50/60 Hz.
- Custom designed solutions also available.



Component	KVMRT PLATES P54, 102 (railway component)
Input condition	As cast
Material	CAST STEEL, HRC30-33
Operations	Face milling
Customer Expectation	Machining both the top and bottom face of the component
Trail parameter	<ul style="list-style-type: none"> • Dia 100 face-mill cutter • No. of cutting edge: 5 • Depth of cut: 2mm • Width of cut: 75mm • Feed: 800mm/min • Rate of material removal: 108 cm³/mm
Solution details	The solution consisted of an adapter plate mounted with mobile poles to adjust to the uneven surface of the casting. There were 3 fixed poles as reference points on the adapter plate.



Component	Mold insert
Input condition	Plate
Material	P20, tool steel
Operations	Machining of mold on all 5 faces
Customer expectation	Machining both the top and bottom face of the component.
Trail parameter	<ul style="list-style-type: none"> • Dia 100 face-mill cutter • No. of Cutting edged: 5 • Depth of cut: 2mm • Width of cut: 75mm • Feed: 800mm/min • Rate of Material Removal: 107.5 cm³/min
Solution details	The solution consisted of mobile poles to adjust to the uneven surface of the plate with 3 fixed poles as reference. Two chucks were interconnected to each other.

