

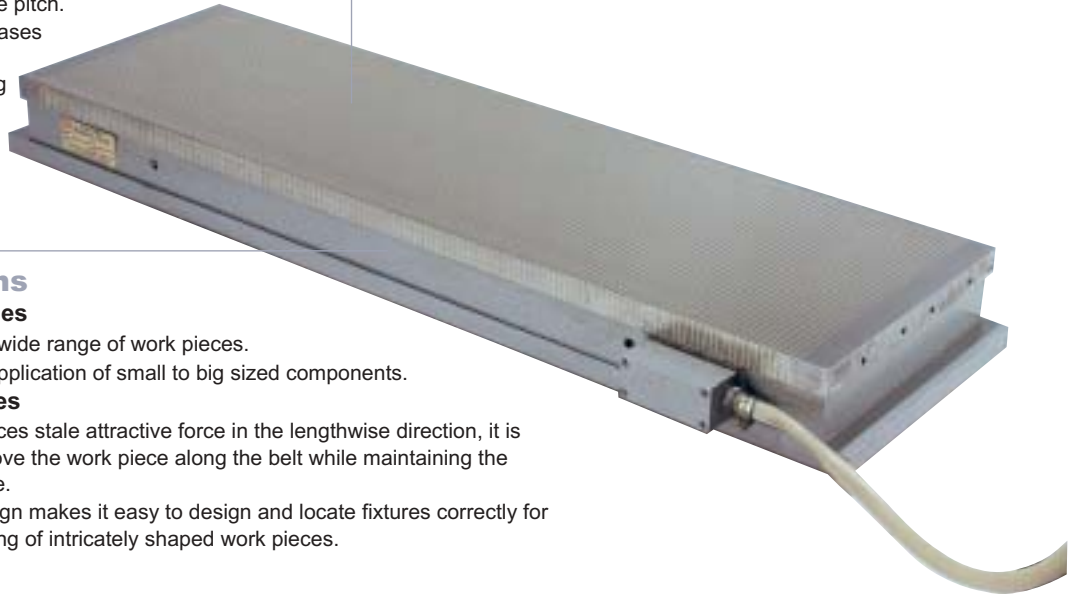


## EFINE ART 12103

Fine Pole Rectangular Magnetic Chuck

### Features

- All metal, brass and steel laminated top plate.
- High resistance to coolant and corrosion.
- High mechanical rigidity and proven robustness.
- Guaranteed water proof.
- These chucks have a multi energized magnetic circuit, consisting of a number of adjacent, reversed coils making up a magnetizing core which has a small pole pitch.
- The multitude of exciting windings increases dissipation of electrical energy which becomes magnetic energy, while limiting both temperature rise caused by Joule effect and distortion of the chuck.
- Top plate is machinable upto 8 mm.



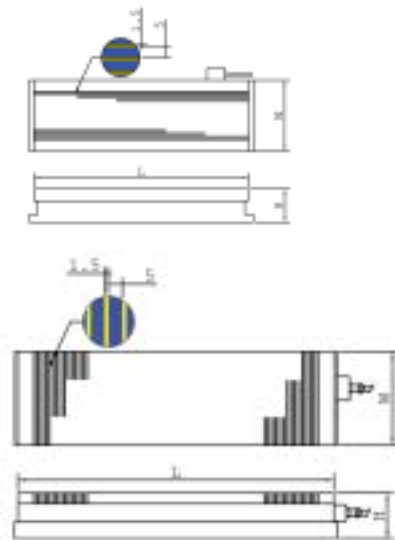
### Applications

#### Cross pole series

- Suitable for a wide range of work pieces.
- For grinding application of small to big sized components.

#### Long pole Series

- Since it produces stale attractive force in the lengthwise direction, it is possible to move the work piece along the belt while maintaining the attractive force.
- The plate design makes it easy to design and locate fixtures correctly for effective holding of intricately shaped work pieces.



- The operating voltage is 110 VDC upto 12103.18, beyond that 220 VDC.
- Can be designed for other operating voltages.
- Long pole chucks are also made, the ordering series for the same is 12104.

All dimensions are in mm.

Art No.	Top Plate		Pole Pitch	H	Controller	
	W	L				
12103.01	150	300	6.5 (5+1.5)	85	92101.01	
12103.02		450		90		
12103.03	200	500		95		
12103.04		600				
12103.05	250	600		100		
12103.06		750		95		
12103.07		1000				
12103.08		1500				
12103.09	300	600		100		92101.02
12103.10		750				
12103.11		900				
12103.12		1000				
12103.13		1200				
12103.14		1500				
12103.15	400	600			92101.03	
12103.16		900				
12103.17		1000				
12103.18		1200				
12103.19	500	750		92101.03		
12103.20		1000				
12103.21		1500				
12103.22		2000				
12103.23	600	750				
12103.24		1000				

- Due to continuous upgradation in design there could be changes in specifications.
- Other sizes on request.