



Ningbo Realpower Magnetic Industry Co.,Ltd.

EP-CHUCK EPS SERIES

Standard pole Rectangular Electro Permanent
Magnetic Chuck

Description

EPS series Standard Pole Electro-Permanent Magnetic Chuck

- No heat build up or deformation provides high precision accuracy
- No electricity required to keep the electro permanent magnetic chuck on.
- All metal top plate of brass and steel lamination provides more active magnetic area.
- Variable power makes it possible to adjust the magnetic force.
- Middle transverse pole arrangement, suitable for milling work .The magnetic field is without any stray fields, preventing magnetization of the tool.

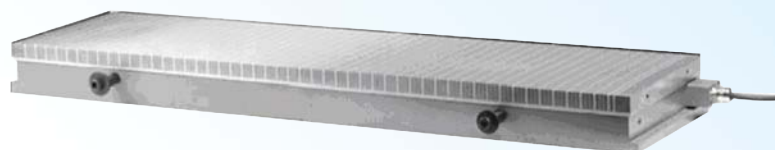
Use:

For universal machine and heavy milling.

- laminations 3 mm brass / 12 mm steel.
- min. thickness of workpiece: 20 mm
- min. size of workpiece: 95 x 95 mm²
- nominal holding force: 150 N/cm²

FEATURES

- Variable power makes it possible to adjust the magnetic force.
- Electro Permanent Magnetic Chuck can be easily fitted to the surface grinder.
- These Electro Permanent Magnetic Chucks are also available in long pole design.
- Large area can be arranged by multiple mounting of EPM chucks side by side which can be operated by a single controller.
- Special purpose EPM chucks can also be designed to suit particular applications.
- Pole pitch of 19mm (15+4) can be made at extra cost.



APPLICATION

- For grinding application of all sizes of jobs.
- Electro Permanent Magnetic Chucks are suitable for horizontal spindle surface grinding machines as the main cutting thrust is towards the length of the chuck, poles at right angle of the wheel give more gripping of the job.

Specifications

Art No.	W(mm)	L(mm)	Pole Pitch(mm)	H(mm)	pole pitch on request(mm)
EPS2050	200	500	15(12+3)	80	19 (15+4)
EPS2060	200	600	15(12+3)	80	19 (15+4)
EPS2560	250	600	15(12+3)	80	19 (15+4)
EPS2575	250	750	15(12+3)	80	19 (15+4)
EPS25100	250	1000	15(12+3)	80	19 (15+4)
EPS25150	250	1500	15(12+3)	80	19 (15+4)
EPS3060	300	600	15(12+3)	85	19 (15+4)
EPS3075	300	750	15(12+3)	85	19 (15+4)
EPS3090	300	900	15(12+3)	85	19 (15+4)
EPS30100	300	1000	15(12+3)	85	19 (15+4)
EPS30120	300	1200	15(12+3)	85	19 (15+4)
EPS30150	300	1500	15(12+3)	85	19 (15+4)
EPS4060	400	600	15(12+3)	88	19 (15+4)
EPS4090	400	900	15(12+3)	88	19 (15+4)
EPS5075	500	750	15(12+3)	90	19 (15+4)
EPS50100	500	1000	15(12+3)	90	19 (15+4)
EPS50150	500	1500	15(12+3)	90	19 (15+4)

- For Controller details, kindly visit the EPM Controller page.
- Due to continuous upgradation in design there could be changes in specification.
- Other size on request.

