

Electropermanent Magnet Chuck For Grinding And EDM



- Same principle as the other members of the TURBO MAX family Electropermanent (EPM) technology.
- Can be used for EDM or Grinding application.
- No electricity required during actual operation.
- Standard model now comes with an all metal top plate of Brass and Steel with a normal/ fine/microfine pitch. To specify the pitch upon order.
- Variable power control to adjust magnetic force.
- All sizes and types of jobs can be held securely and firmly.
- No heat build-up, no deformation and mechanical components.
- High accuracy during EDM & Grinding processes.



- Cost effective and long lasting solution for larger grinding & EDM tables where mechanical / manual permanent magnet chucks are unsuitable due to reliability issues.
- Substantial electricity savings over medium to long term compared to regular Electro chucks.

The work surface made of steel combined with high tensile epoxy resin (or brass) ensures cost-effectiveness and durability. The modules can be combined to form very large magnetic tables. The electronic control unit ensures power adjustment and a total elimination of residual magnetic flow from the clamped piece. A remote control enables all functions.

Product Code : EPED
All dimensions in metric units

Model No.	A	B	H	W
EPED-5020	500	200	66	65
EPED-5030	500	300	66	70
EPED-6020	600	200	66	75
EPED-6030	600	300	66	84
EPED-6040	600	400	66	111
EPED-6060	600	600	66	167
EPED-6540	650	400	66	120
EPED-6550	650	500	66	150
EPED-6560	650	600	66	180
EPED-7540	750	400	66	139
EPED-7550	750	500	66	173
EPED-7560	750	600	66	208
EPED-8030	800	300	66	111
EPED-8040	800	400	66	148
EPED-8050	800	500	66	185
EPED-8060	800	600	66	222

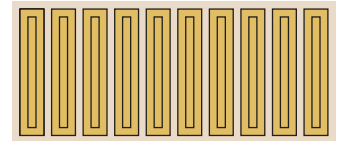
Due to continuous upgradation in design there could be changes in specification. Other sizes on request. Before ordering, contact Supreme Magnets or your nearest dealer to confirm the suitability of this model for your application.



Flux Transfer blocks provided optionally

Standard Pole Version

- 12mm steel / 10mm brass.
- Suitable for large jobs (for EDM).
- Very high power version.



Fine Pole Version

- 4mm steel / 3mm brass / 6mm steel / 3mm brass.
- High power version.
- Suitable for medium size jobs (for EDM).
- Optional all metal top plate (to specify).



Microfine Pole Version

- 1.5mm steel / 0.5mm brass.
- Adequate power version for extra thin parts and universal job sizes.
- Most common choice.
- This product is machined out of a solid block of steel.



Machined out of solid body

