

4773848/2026/O/o CPE/MCF

Specification for Set of Electro Permanent Magnetic Milling Chuck (clamping plates) with accessories

Revised Specification No.-MCFRBL-MCF72-25-01016/EPM/01

- 1- **Description**-Set of Electro Permanent Magnetic Milling Chuck (clamping plates) with accessories.
- 2- **Specification** As given below (Existing setup Indicative drawing attached)
- 3- Make- Tecnomagnete/Hold Tight/Walmag/Magnaslot

4- Detailed Technical Specification-

4.1 Scope of Supply-

- a) Electro Permanent Magnet Milling Chuck (High Version) -04 Nos.
- b) Electronic control unit ST 200 version or fully equivalent -01 No.
- c) Pole extensions suitable with a).
 - i Round fix pole extension 40 Nos.
 - ii Square Mobile pole extension 360 Nos.

4.2 Electro Permanent Magnetic Milling Chuck:-

- Version: High Density
- Type: QX 608 HD 50 of Tecnomagnete or fully equivalent of demanded make.
- Dimension: 610 mm X 785 mm X 51 mm.
- No. of poles: 90 poles per chuck
- Holding force: 36 tons per chuck or more (Please confirm).
- Self weight: 205 kg (Approx)

The supplied item must have:-

- a Permanent electro multi-voltage magnetic chucks machined from solid block and modular
- b Monolithic plate equipped with high resistance co-axial screws, complete with water proof fast connector (BKGON series).
- c 2 side slots are to be provided to clamp on machine table.
- d Instruction manual on CD/USB.

4.3 Electronic control unit ST 200 version.

The supplied item must have:

- a 1 no. of ST 200 series control unit 400 V.
- b 1 no. of junction box which is suitable with Electronic control unit
- c 4 nos. of suitable armored cable junction box to milling chucks with quick connector 5 meter.
- d 1 no. of power supply cable 4 meter or as per requirement.
- e 1 no. of TFC wired remote control for MAG / DEMAG cycle & Channel selection
- f Instruction manual on CD/USB

4.4 Pole extensions for Item- a)

- 1 Description: Round fix pole extension
Type: PFR 50/32 or equivalent
Dimension: Dia 50 mm X 32 mm
Quantity: 40 nos.
- 2 Description: Square Mobile pole extension
Type: PMQ 50/32 or equivalent
Dimension: 48 mm X 45 mm X 31.5 mm
Quantity: 360 nos.

Vender must be ensuring that the supplied EP milling chuck shall be compatible with the existing setup of CNC edge milling machine in such a way that both EP chuck (existing and new) can be controlled with single remote. The control unit must have also the provision to operate the EP chuck independently.

General Condition.

S. No.	PARTICULARS	MCF SPECIFICATION
a)	INSPECTION	TPI
b)	DELIVERY	All supplies should be affected within 10 weeks from the date of our confirmed P.O. However, we request you to quote earliest possible delivery.
c)	OTHER	The indented items must be compatible and functional with controller, installed at TOS KURIM make Edge Milling Machine of MCF.

SSE/M&P/Bogic

for WM/Plant

Dy.CME/Plant

Signature Not
Verified

Digitally signed by
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