ELECTROPERMANENT MAGNETIC CHUCKS WITH RADIAL POLES

Circular electromagnetic chucks with RADIAL POLES

CHARACTERISTICS

These electromagnetic radial pole chucks are suitable for fixing iron pieces in vertical and horizontal lathes, as well as grinding machines. They ensure grinding and turning to all surfaces not in contact with the plate, avoiding distortion and with the maximum power of attraction.

Therefore, discs and rings with weak structure, than with a traditional clamping system undergo deformations, can be mechanized easily and with full guarantees.
Polarity allows an uniform development of radial forces at the time of fixing the workpieces, whatever their size or shape. Furthermore, SELTER supplies different types of accessories in order to facilitate positioning of the workpieces, with which user obtains a quick and efficient handling.

The SELTER offer in the RADIAL-POL range includes models with different diameters up to Ø 2,500 mm in one piece, according to customer's needs. It also has a version with electronic system that allows the complete elimination of residual magnetism in machined working pieces.

ADVANTAGES:

Improvement of productivity.
Possibility of machining three free sides of the piece.
Cost reduction in tools.
Reduction in time loading and unloading the workpieces.
Absence of flanges.
Greater accuracy in the flatness of the pieces.
No vibration.
Possibility to use polar extensions