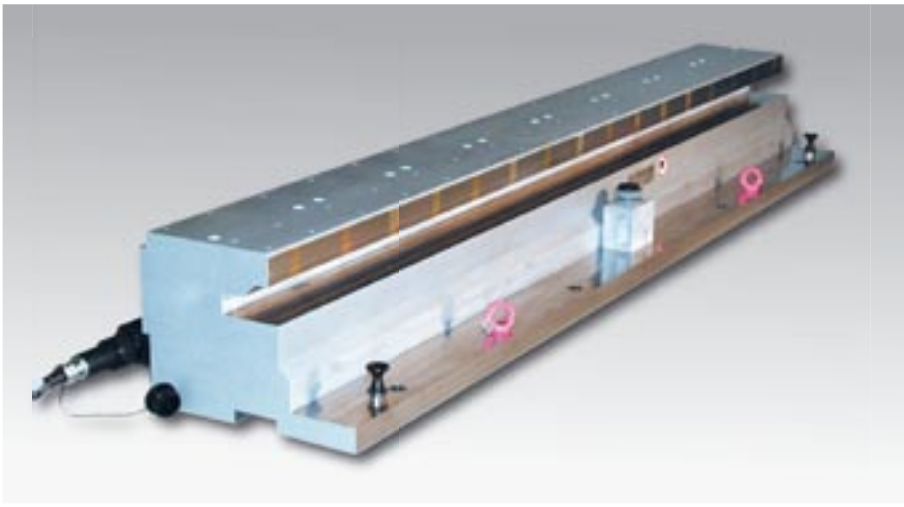
Electro Permanent Magnetic Chuck SAV 243.77 RAIL

Special execution for milling of rails.

This clamping system with neodymium-iron-boron magnets was designed specifically to clamp rail sections for milling operations. This multiple section system is used in such a way that in the first stage the side support is activated after which the main magnetic base is activated, thus ensuring optimal alignment and support of the rail section.



Use:

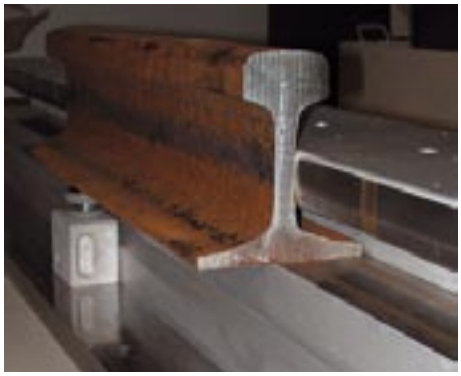
For heavy milling work with coarse chip removal. Milling of rails according to customers requirements.

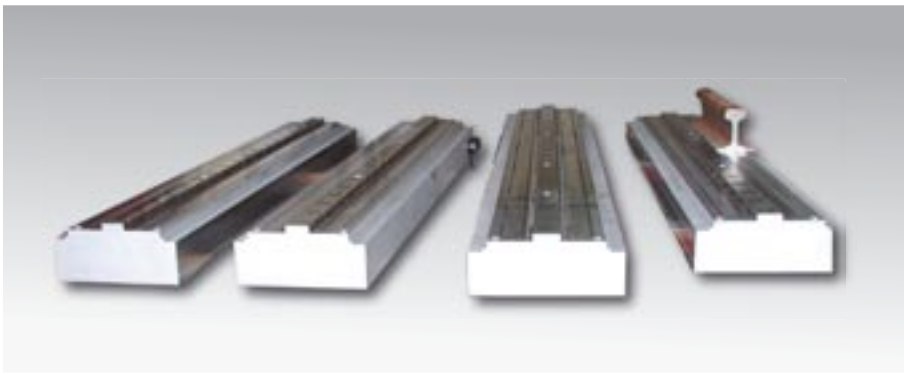
Nominal holding force:

195 N/cm², on full induceable steel load

Nominal operating voltage:

360 V DC



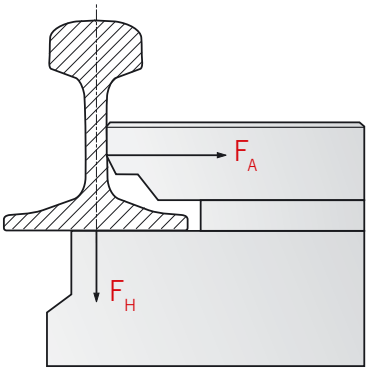


Features:

- optimized high energy magnetic system
- holding forces in physically maximum range
- due to deep magnetic field bigger air gaps can be bridged
- solid mono-block construction
- real magnetic (N/S) poles
- electro-permanent-magnetic system, guaranteeing safe operation during power failure
- robust and waterproof
- sealed to IP 65
- for use with control unit type SAV 876.10 (see chapter 04)

Standard equipment:

- connecting cable
- with industrial watertight plug-in type connector on request



- F_A is for alignment of rail. This is done normally with a transvers-pole pitch of 120 mm. This magnet creates a deep magnetic field to handle large air gaps.
- F_H is generated in the second step to provide the main force at the base of rail.

Ordering example: Electro Permanent Magnetic Chuck SAV 243.77 - 1960 x 315 - 360 V - Rail
Ordering key: Name SAV - No. - Length x Width - Operating voltage