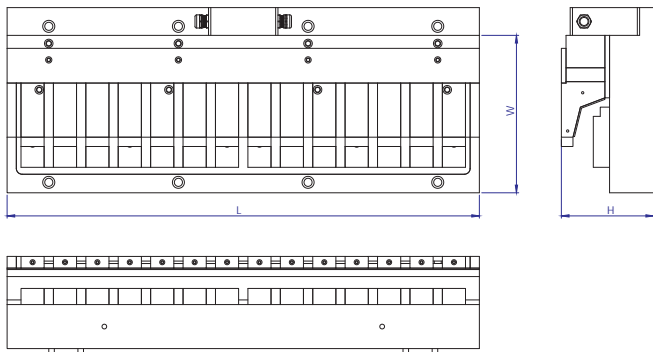


EPRAIL

Features

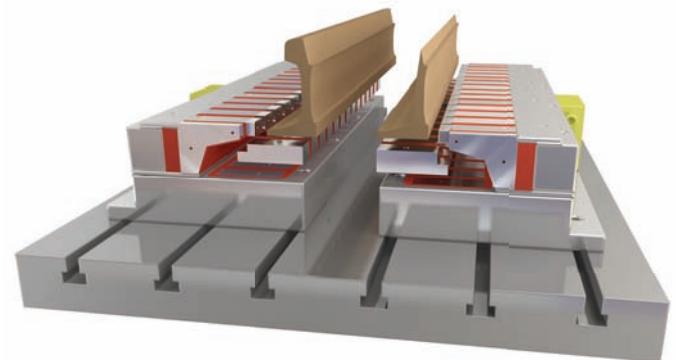
- High clamping force for rigid & uniform clamping.
- Accurate alignment of rail achieved.
- Complete rail machining in only 2 set-up.
- No vibration of Rails during machining operation..
- Increased tool life.
- High stock removal.
- Superior accuracies and finishing.
- Easy chips removal.
- Energy saving.
- Different Profiles of rails can be clamped on same Magnet using adapted pole extensions.
- Total face is accessible for machining.



Application

- A EPRAIL system is composed using a series of modular elements each of approx. length of 1000 mm.
- Several modules can be used to design the solution for different length of the rails as per requirement.
- Each EPRAIL module has an independent magnetic sector at right angle placed to clamp respectively the foot and the web of the rail.
- For foot and web of rails specific pole extensions are designed. sectors right angle placed to clamp respectively the foot and the web of the rail.

Art. No.	W	L	H	Controller
13110.01	390	1080	268	93101.40



Component	RAIL IR 60
Input condition	FORGED
Material	Grade 880 - 880
Operation	Machining of Head and foot
Customer expectation	Machining time reduction and accuracy of machining to be improved
Trail parameters	<ul style="list-style-type: none"> • Machining of foot of rail • Dia 100 Shell-mill cutter • No. of Cutting edge 6, 5 inserts per flute • Depth of cut: 25mm • Width of cut: 28mm • Feed: 100mm/min • Rate of Material Removal: 200 cm³/min
Solution details	EPRAIL with pole extensions suiting IR60

