



Magnetic Conveying Box Rails

Series: BR

MODEL SHOWN:
MAGNETIC RAIL STRAIGHT SECTION, 24"
LONG WITH TAPERING MAGNETIC FIELD
AND OPTIONAL RIGIDIZED FACE PLATE.

Models Shown
BR-6 Series



MODEL SHOWN:
MAGNETIC RAIL CURVED SECTION, 90°
WITH 18" OUTSIDE RADIUS

Application: MPI's Magnetic BOX RAILS (BR series) are designed for easy installation into new or existing belted conveyors or other material handling equipment. Magnetic Box Rails are used to hold and position ferrous or partly ferrous parts. They are ideal for use in "can handling" conveyor systems. The rail's strong magnetic field is completely contained within the working surface and is extremely effective in applications which require a high "reachout" magnetic field. Magnetic Box Rails are used to:

- Save floor space by elevating parts up steep inclines or vertically

- Change direction of moving parts quickly
- Control the speed of moving parts to accelerate or decelerate
- Stabilize and hold parts in position
- Magnetically separate ferrous parts from non-ferrous materials in conveying and processing lines

Operation: Magnetic Box Rails are usually mounted in tandem with magnetic pulleys and other rails beneath a conveyor's belt. The standard design provides quick installation to a conveyor's framework or table and can be custom designed and manufactured to fit your specifications.

Got a question about Metal Control
or Material Handling Products...

Ask the
**Magnet
Man**



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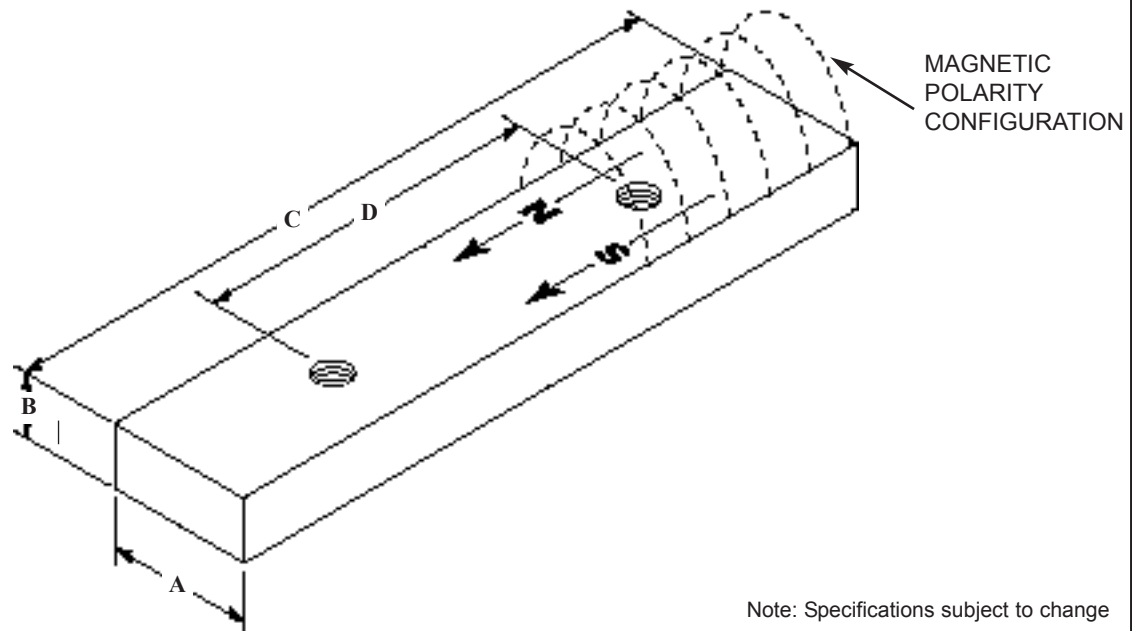
Magnetic Products, Inc.

Providing Magnetic Solutions for the
Material Handling Industry

800-544-5930



Providing Magnetic Solutions For the Material Handling Industry



BOX RAIL – SERIES BR - SELECTION GUIDE

BR MODEL NUMBER	WIDTH DIM. "A"		THICKNESS DIM. "B"		LENGTH "DIM. "C"		TAP DISTANCE DIM. "D"	
	IN.	MM	IN	MM	IN.	MM	IN.	MM
BR-2	2.625	66	.563	14	BUILT TO CUSTOMER'S SPECIFICATIONS (UP TO 8')		BUILT TO CUSTOMER'S SPECIFICATIONS (12" ON-CENTER IN BACKPLATE STANDARD)	
BR-4	4.187	106	.812	21				
BR-6	4.187	106	1.060	27				
BR-8	4.187	106	1.312	33				
BR-12	4.187	106	1.937	49				
BR-16	5.187	132	2.560	65				
BR-24	8.187	208	4.062	103				

Standard Features:

- 100% Stainless Steel cover
- Powerful Ceramic 8 magnet material
- Mild steel backing plate
- Heavy duty welded construction

Options:

- Rigidized face plate
- Angled infeed and discharge ends, to match pulley
- Tapering magnetic fields
- Curved rails for 30°, 45° 60°, or 90° turns and inside or outside radii from 4" to 72"
- Custom face plate flanges
- Custom mounting holes
- Non-standard magnetic polarities
- Multiple lane magnetic fields

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