



Metals made with manganese steel alloys (Hadfield Steel) can be pre-hardened to significantly increase their useful working life. Typical hardness increases from 200 HBW to 350 HBW or more. As measured on the Brinell Scale.

MAXAM'S metal hardening facility in Paramo de Masa (Spain) can process a range of objects of different sizes and weights. In addition, this hardening process can be implemented in the customers locations or in MAXAM facilities.

APPLICATIONS

✕	Stone crusher jaws
✕	Excavator teeth
✕	Railway crossings
✕	Manganese steel alloy components.

BENEFITS

Typical hardness increases from 200 HBW to 350 HBW or more.

Treatment help railway crossings comply with one or more of the following standards: EN15689 (EU), AREMA 100-08 (USA), ETA 03-03 (Australia), and GOST 7370-98, FTS ZT CP 015- 99 (Russia)



EQUIPMENT

MAXAM's full service facility in Paramo de Masa (Spain) offers customers a complete service, which includes prehardening preparation, shooting and quality checks. A specialized technical team provides recommendations relating to the application technique.



MAXAM RIOMETAL technical data

MAXAM supplies adhesive sheet explosive (RIOMETAL) for metal hardening and other metalworking applications.

Thickness: 2 mm to 6 mm

Width: 400 mm, maximum.

Band length: 10 m

Detonation velocity: 6500 m/s

UN classification: UN no. 0084, class 1.1D

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