

TECHNICAL DATA

Specification

INVAR 36 ; High mechanical properties and very low thermal elongation.

Field of Applications

For similar welding on cast iron with 34-40% Nickel content (INVAR- materials).

Mechanical Properties

Hardness (HRC)	app. 150 HB
Tensile strength Rm (N/mm ²)	>350
Ultimate elongation A5 (%)	>25

Composition in %				
C 0.02-0.03	Si 0.10	Mn 0.30	P 0.01	Ni 34.00-38.00
S 0.01	Fe Rest			

Compatible Materials:

Cast iron steel / INVAR36

Available Sizes:

MA125 Spools/ Rod 500 mm: Ø mm 0.4 / 0.5 / 0.6 / 0.7 / 0.8



EN 10204/3.1 2005 Quality Certified



e-version