

DT-1.4009

Stainless Steel MIG/MAG-Wire TIG – Rods

Specifications

ISO 14343-A : G/W (13)
 ISO 14343-B : SS410
 AWS A5.9: ER 410

Application

Cr-wire/rod for joining ferritic/martensitic Cr-steels/
 cast steels and for surfacing un-/low alloyed steels/
 high strength steels/cast steels. Corrosion resistant
 as equivalent 13% Cr steels for service temperatures
 up to 450°C. Surfacing of gas valves and fittings.

**Chemical Composition
 Element by weight (%)**

C: 0,10 Si: 0,50 Mn: 0,60 Cr: 11,5-13,5 Mo:0,6

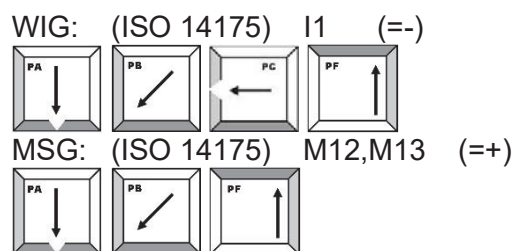
**Mechanical Properties
 (Typical)**

Yield Strength (Re) 380 N/mm²
 Tensile Strength (Rm) 550 N/mm²
 Elongation (A)(Lo05do) 15%
 Hardness (HB30) 35 HRC without heat treat.
 180 HB (680°C/8h)

Approvals

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Shielding gas/Polarity



Typical Base Material

1.4000 1.4001 1.4002 1.4003
 1.4006 1.4008 1.4021 1.4024

Packaging

MIG/MAG: spools D 100 / D 200 / K 200 / K 300
 TIG: 10-kg-boxes