

DT-1.4332

## Stainless Steel MIG/MAG-Wire TIG – Rods

### Specifications

ISO 14343-A : G/W 23 12 L Si  
 ISO 14343-B : SS309LSi  
 ASTM/AWS/SFA-5.9: ER 309 LSi

### Application

CrNi-wire/rod with low carbon for joining un-and low alloyed steels/cast steels and austenitic steels resistant to intergranular/wet corrosion to 300°C. Suitable for intermediate layers and for joining dissimilar steels.

### Chemical Composition Element by weight (%)

C: 0,02 Si: 0,85 Cr : 24,5 Ni: 13,5 Mn: 1,8

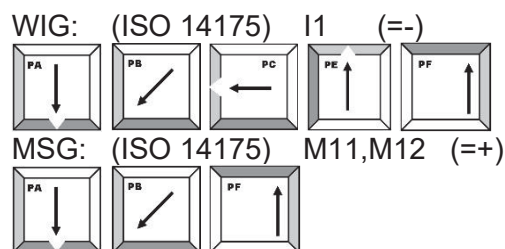
### Mechanical Properties (typical)

Yield Strength (Re) 400 N/mm<sup>2</sup>  
 Tensile Strength (Rm) 600 N/mm<sup>2</sup>  
 Elongation (A)(Lo=5do) 30%  
 Impact energy (Av) 65 J  
 High temp. 300° C  
 Low temp. -60° C

### Approvals

TÜV, DB (MSG), CE-Zeichen

### Shielding gas/Polarity



### Typical Base Material

1.4710 1.4729 1.4740 1.4828 1.4878 1.4825  
 (1.4583 in combination with HII/HIII/17Mn4/up to StE355)

### Packaging

MIG/MAG: spools D 100 / D 200 / K 200 / K 300 / C 300  
 TIG: 5-kg-boxes