



# TIGINOX 308H

GTAW STAINLESS STEEL

AWS A/SFA 5.9 ER308H

### CLASSIFICATION:

EN ISO 14343-A  
W (19 9H)

IS 5856  
ES 20.10 H

### KEY FEATURES:

- 308H type SS TIG rod
- High carbon than conventional 308 grade wire
- Higher strength at elevated temperature
- Radiographic quality welds

### APPROVALS: CE

### TYPICAL APPLICATIONS:

- Welding of 304H type materials
- Chemical, petrochemical industries
- Distillery, dairy, restaurant equipment
- For high temperature applications



### TYPICAL CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:

C	Mn	Si	Cr	Ni
0.05	1.6	0.39	19.7	9.1

### MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	EL%
Typical	As Welded	600	40

### PARAMETERS - PACKING DATA:

Ø, mm	Net Wt, Kg		
1.6 x 1000	20	 <b>DCEN</b> <b>STORAGE / HANDLING :</b> Keep dry during storage and handling	All Positions 
2.0 x 1000	20		
2.4 x 1000	20		
3.15 x 1000	20		

Shielding Gas	Gas Flow Rate, LPM
Ar	10-15

Available in Standard carton packing of 20 kg box, containing 4 plastic tubes of 5 kg each.