



## FW 308H

**CODIFICATION:** AWS : SFA 5.9 ER308H

### CHARACTERISTICS AND APPLICATIONS:

FW 308H is a solid wire for TIG welding, available in bright finish, gives smooth flow, stable arc and spatter free under optimum welding conditions. It gives radiographic quality weld deposit. It is ideally suited for welding of stainless steels of similar composition like 304H and its equivalents, for overlays, surfacing, and repairing castings of similar materials.

### TYPICAL CHEMICAL COMPOSITION OF SOLID WIRE:

Element	C	Mn	Si	S	P	Cr	Ni
%	0.06	1.20	0.40	0.015	0.018	20.0	10.0

### TYPICAL MECHANICAL PROPERTIES OF ALL WELD METAL:

UTS	Elongation
(MPa)	(L = 4d) %
580	38.0

**SHIELDING GAS:** Argon

**CURRENT CONDITION:** DCEN

**WELDING POSITION:** H, F, VU, OH

### PACKING:

**STANDARD SIZE:** Diameter 1.6 mm, 2.0 mm, 2.4 mm & 3.2 mm in cut lengths of 1000 mm each.

**QUANTITY** 5 kgs wire put in an air-tight polythene bag and finally packed in a plastic container.  
Identification – AWS code is punched on each wire.