

## WELDING PRODUCTS FOR ALLOY STEEL & STAINLESS STEELS (13)

PRODUCT	DESCRIPTIONS/APPLICATIONS	TECHNICAL DETAILS	SPECIFICATION
330-SMAW 330-GMAW 330-GTAW	Multipurpose high strength ferrite-austenitic welding alloy for repair welding on alloy and high-alloy-steels, tool-steels, stainless steels and dissimilar assemblies.	Rm (Mpa) : 800 Re (Mpa) : 550 A5 (%) : 25 Hardness : as welded ~240—280 HB	MATERIAL N°.14337
310-SMAW 310-GMAW 310-GTAW	For welding stainless steel type 316 Boilers, piping systems ,Thermal plants , Tanks, Heat exchangers ,Refineries , Shipbuilding etc. For Service temp. from - 120 up to +400 °C	Rm (Mpa) : 580 Re (Mpa) : 420 A5 (%) : 40	MATERIAL N°.14430
320-SMAW 320-GMAW 320-GTAW	Welding alloy with a high manganese content. For repair welding on 14 % Mn-steels, welding of dissimilar steels, tool steels, spring steel and for buffer( under) layers before hard facing Used in construction and earth moving, tool and die repairs, mining, quarries	Rm (Mpa) : 600-750 Re (Mpa) : 400 A5 (%) : 30 Hardness : as welded ~200 HB; Work hardened ~450HB	MATERIAL N°.14370
601- SMAW 601-GMAW 601-GTAW	<b>For welding 304, 304L,321, and 347 type stainless steels .</b> Suitable for service temperatures up to 350°C.Used in food-, brewing-, pharmaceutical -, chemical -, petrochemical - water treatment, nuclear engineering etc.	Rm (Mpa) : 600 Re (Mpa) : 400 A5 (%) : 38	MATERIAL N°.14316
627-SMAW 627-GTAW (24 12 M)	Universal Welding alloy for welding different types of stainless steel ,dissimilar steels, high crack resistance ,excellent corrosion resistance .	Rm (Mpa) : 650 Re (Mpa) : 460 A5 (%) : 32	ISO 3581 –A : E 23 12 2 LR 32 ER 309 I MO

SMAW: Shielded Stick Welding Electrode / GMAW (MIG) Wire Electrode supplied on spools./ GTAW (TIG) Wire rods



WORN SHAFT REPAIR /GOLD 330



WORN TURBINE REPAIR /GOLD 627



IMPELLOR REPAIR /GOLD 320

For more information request technical data sheet from [office@arcwel.com](mailto:office@arcwel.com)