



WB17-4 PH TIG WELDING WIRE

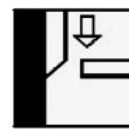
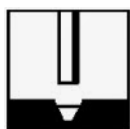
SPECIFICATIONS	AWS A5.9: ER630										
PRODUCT DESCRIPTION	Solid TIG wire for the welding of 17/4 PH alloys.										
APPLICATION	This grade is a precipitate hardening grades of stainless steel, containing 17%Cr / 4%Ni and used for welding similar material of the ARMCO 17-4PH type.										
ALL-WELD METAL COMPOSITION (Wt. %)	C	Mn	Si	Cr	Ni	Mo	Cu	Nb	P	S	Other
	Min.	-	-	16.00	4.5	-	3.25	0.15	-	-	0.15
	Max.	0.05	0.75	0.75	16.75	5.0	0.75	4.00	0.30	0.03	0.30

TYPICAL AS WELDED MECHANICAL PROPERTIES	Ultimate Tensile Strength	MPa	980
	Yield Stress/0.2% Proof Stress	N/mm ²	760
	Elongation on 4D	%	10
	Charpy Vee Impact @	Joules	-

ADDITIONAL INFORMATION

SHIELDING GAS	99.99%Ar
CURRENT CONDITION:	DC-
AVAILABLE SIZES:	1.6 - 2.4mm

Current Conditions DC- and Welding Positions



www.wballoys.co.uk