



16/5 Mo E

EN 1600: Z 16 5 1 B 42

DESCRIPTION

Designed for welding corrosion resistant martensitic-ferritic rolled steels of same composition. For build up and repair of cast steels, propellers, valves, shafts and other applications in water turbine and pump production, aerospace etc.

WELDING POSITIONS



CURRENT

DC+

COATING

Basic

BASE MATERIALS

1.4418, 248SV, X2CrNiMo 13-4, APX4S

MECHANICAL PROPERTIES

<i>R_m</i> (Mpa)	<i>R_{p 0,2}</i> (Mpa)	<i>A₅</i> (%)	<i>KV(j)</i>
>850	>650	>13	+20°C: >40

WELD METAL COMPOSITION(%)

C	Mn	Si	Cr	Mo	Cu	Ni
<0,04	0,6	0,3	16	1,0		5

PACKAGING

TIG Dimension(mm)	2,5x350	3,2x350	4,0x350			
Box(kg)	4/12	5/15	6/18			

EQUIVALENT FILLER METALS

TIG	Meltolit 16/5 Mo Tig
MIG	Meltolit 16/5 Mo Mig

Other sizes on request