

CIGWELD

AN **ESAB** BRAND

WeldSkill 70S-6 TIG rods

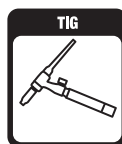
“ WeldSkill TIG rod
handy-packs for all of
your smaller projects ”

FEATURES

- Copper Coated, Low Carbon Steel Rod for Gas TIG & Oxy Welding Applications
- For mild and medium strength steels
- Weld pipes, plates & castings
- Handy resealable storage tube
- Tolerant to surface rust & mill scale



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WELDSKILL 70S-6

WeldSkill 70S-6 is a copper coated, low carbon steel filler rod suitable for the oxy-acetylene (fusion) welding and Gas Tungsten Arc (TIG) welding of a wide range of mild and medium strength steels.

WeldSkill 70S-6 is recommended for the TIG welding of steel pipes, plates and castings with a tensile strength

in the 500 MPa class. It is tolerant to surface rust and mill scale and is ideal for root pass welding applications where tough and ductile welds are produced.

When using WeldSkill 70S-6 for gas welding applications a neutral to slightly reducing flame setting is recommended.

CLASSIFICATIONS

AS 1167.2:	R6
AWS/ASME-SFA A5.18:	ER70S-6

JOINING PROCESS

Gas (Fusion) and Gas Tungsten Arc (TIG) welding.

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES

Yield Stress	400 MPa
Tensile Strength	500 MPa
Elongation	29%
CVN Impact Values	100 J av @ -46°C.

TYPICAL ROD ANALYSIS

C: 0.07%	Mn: 1.55%	Si: 0.88%
S: 0.012%	P: 0.015%	Fe: Balance

FEATURES

WeldSkill 70S-6 Welding Electrodes

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ORDERING INFO

Part No.	Rod Size (mm)	Pack Weight /Type	Approximate Rods/kg
WTM1016	1.6 x 1000	1kg Pack	69
WTM2516	1.6 x 1000	2.5kg Pack	172
WTM1024	2.4 x 1000	1kg Pack	29
WTM2524	2.4 x 1000	2.5kg Pack	72



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WE RECOMMEND GENUINE CIGWELD PRODUCTS

BIGGEST RANGE, BEST QUALITY & GUARANTEED PERFORMANCE

