BOSSWELD

RELIABLE WELDING GEAR

TC16 ELECTRODES

LOW HYDROGEN 7016
TWIN COAT ELECTRODE



Excellent Striking



Smooth & Stable Arc



Easy Slag Removal



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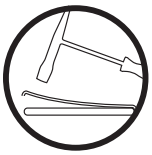
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The Bossweld TC16 hydrogen controlled, twin coated electrode recommended for welding high tensile steels, including the repair of earth moving equipment. The TC16 has an extremely stable arc and is more tolerant to rust or paint on the work surface.

FEATURES OF TWIN COATING

- The inner coating, closest to the core wire, produces excellent arc striking characteristics with superior arc stability
- The outer coating contributes to the x-ray quality weld metal while also being designed for welding with the new inverter technology
- The TC16 is the ideal choice for maintenance welding applications including repair of earth moving equipment, farm machinery and all applications where high strength is required.

APPROVALS & CLASSIFICATION

- ABS - Grade 3 H10
- AWS A5.1: E7016

WELDING POSITIONS

- All positions, except vertical down

ORDERING INFO

Part Number	Size	Packet
110400	2.6mm	2kg
110410	3.2mm	5kg
110420	4.0mm	5kg
110430	2.6mm	25 sticks
110440	3.2mm	25 sticks
110450	3.2mm	6 sticks

TECHNICAL DATA

Typical All Weld Metal Mechanical Properties	
Yield Strength	430 MPa
Tensile Strength	500 MPa
Elongation (5xD)	28%
Reduction of Area	70%
Impact Strengths ISO-V	150J @ 0°C 80J @ -20°C

Typical All Weld Metal Analysis		
Carbon	Manganese	Silicon
0.05%	0.80%	0.60%
Nickel	Chromium	Molybdenum
< 0.02%	< 0.06%	< 0.02%
Vanadium	Phosphorus	Sulphur
< 0.02%	< 0.10%	< 0.05%