



# AUTOMIG FC 71T-1C-J

AWS A/SFA 5.20 **E71T-1C-J**

FCAW C-Mn STEEL

### CLASSIFICATION:

EN ISO 17632-A  
T 42 4 P C1 2

### KEY FEATURES:

- Rutile type gas shielded FCW wire
- Stable arc, Easy slag removal
- Smooth and porosity free weld
- Sound radiographic weld quality
- Excellent combination of T1 performance with very good sub-zero toughness down to -40°C
- All position capability

**APPROVALS:** ABS/CE

### TYPICAL APPLICATIONS:

- Welding of typical structural and carbon steel SA 36/36M, SA 285/285M Gr.A/B/C, SA 414/414M Gr.A/B/C
- Application in Ship building, Off-shore platform, Pressure vessels, Piping, Low temperature serving storage tanks, Harbor equipment



### TYPICAL CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, Wt %:

C	Mn	Si
0.06	1.4	0.4

### MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	YS at 0.2% offset, MPa	EL%	CVN Impact at -40°C, J
Typical	As Welded	590	480	26	50

### PARAMETERS - PACKING DATA:

Ø, mm	Net Wt, Kg	
1.2	15	 <b>DCEP</b> All Positions, Except Vertical Down:  <b>STORAGE / HANDLING :</b> Keep dry and follow handling instructions mentioned on the box
1.6	15	

Shielding Gas	Gas Flow Rate, LPM
CO <sub>2</sub>	15-20