

# Ferrod® 160T

## TOP FEATURES

- Very high welding speed
- Smooth weld appearance, very good slag release
- High recovery (160% for 3.2 and 4.0 mm electrodes, and 180% for 5.0 mm electrodes)

## CLASSIFICATION

AWS A5.1	E7024
EN ISO 2560-A	E 42 0 RR 73

## CURRENT TYPE

AC/DC-

## WELDING POSITIONS

Flat/Horizontal

## APPROVALS

ABS	BV	DNV	TÜV
+	+	+	+

## CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, ALL WELD METAL

C	Mn	Si
0.1	0.9	0.45

## MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) 0°C
Required: AWS A5.1		min. 400	min. 490	min. 17	not specified
EN ISO		min. 420	500-640	min. 20	min. 47
Typical values	AW	≥ 420	510-610	≥ 22	≥ 47

AW = As welded

## OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
3.2x450	105-140
4.0x450	160-220
5.0x450	240-320

## PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
3.2x450	CBOX	76	5.4	588679-1
4.0x450	CBOX	51	5.5	588680-1
5.0x450	CBOX	39	5.8	588681-1

### TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application

Safety Data Sheets (SDS) are available here:



Subject to Change – The information is accurate to the best of our knowledge at the time of printing.  
Please refer to [www.lincolnelectric.eu](http://www.lincolnelectric.eu) for any updated information.