

NI-ROD® 44 Welding Electrode

NI-ROD® 44 Welding Electrode is used for welding cast irons to themselves and to other materials, for repairing worn or broken parts, and for salvaging defective castings where highest mechanical strength and ductility are required,

Designed specifically to allow 100% joint efficiency in the common grades of ductile iron, NI-ROD 44 Electrode uses a metallurgically unique nickel-iron-manganese system to provide outstanding strength and ductility.

Specifications	AWS A5.15 ENiFeMn-CI	ISO E C NiFeMn-CI
	UNS W72006	Europe E C NiFeMn-CI
	ASME II, SFA 5.15, ENiFeMn-CI	

Typical Chemical Composition	Ni.....44	Mn.....11
	C.....1.5	Fe.....45

Minimum Mechanical Properties	Tensile Strength, psi	100,000
	MPa	690
	Elongation, (4d) %	20

Available Product Forms	Diameter	mm	2.4	3.2	4.0	4.8
		in	3/32	1/8	5/32	3/16
	Length	mm	305	356	356	356
		in	12	14	14	14
	Current,	A				
		DC	50-70	75-95	110-130	135-170
	AC	55-65	70-85	110-125	135-150	

