

Section I - Low Alloy Steels

This section includes electrodes suitable for welding general engineering and structural steels of every type, from medium tensile grain-refined CMn and semi-cryogenic steels (approximately -75°C) to specialised heat and creep-resistant CrMo types reaching the threshold of stainlessness at 12%Cr. Flux coverings of all electrodes are of all-positional basic **low-hydrogen** type and employ binders giving high resistance to **moisture absorption**. All flux cored wires are rutile all-positional types also with low hydrogen potential.

CrMo Alloys for Power Generation

A comprehensive range of filler materials to meet industry needs for the welding of CrMo low alloy steels used in power generating plant. Metrode has an established track record of supply to the power generation industry worldwide. The consumables have been developed to meet the stringent requirements for long term high temperature performance required for modern power generating plant.

Selected nickel base alloys for dissimilar welding and nuclear applications are also included.

Alloy	Process	Product	Specifications		Page/s
			AWS	BS EN	
½Mo	MMA	Mo.B	E7018-A1	E Mo B	A14
	TIG	Cmo	ER70S-A1	W MoSi	
WB36	MMA	1NiMo.B	E9018-G	--	A17
	TIG	MnMo	ER80S-D2	--	
	SAW	SA1NiMo	EF3	S3Ni1Mo	
B2/921	MMA	Chromet 921	--	--	--
1¼Cr½Mo	MMA	Chromet 1	E8018-B2	E CrMo1 B	A21
		Chromet 1L	E7015-B2L	E CrMo1L B	
		Chromet 1X	E8018-B2	E CrMo1 B	
	TIG/MIG	1Cr-Mo	--	CrMo1Si	
		ER80S-B2	ER80S-B2	--	
		SA 1CrMo	EB2	S CrMo 1	
FCW	Cormet 1	E81T1-B2	T CrMo1 P		
2¼Cr1Mo	MMA	Chromet 2	E9018-B3	E CrMo2 B	A28
		Chromet 2L	E8015-B3L	E CrMo2L B	
		Chromet 2X	E9018-B3	E CrMo2 B	
	TIG/MIG	2Cr-Mo	--	CrMo2Si	
		ER90S-B3	ER90S-B3	--	
	SAW	SA 2CrMo	EB3	S CrMo 2	
	FCW	Cormet 2	E91T1-B3	T CrMo2 P	
Cormet 2L		E91T1-B3L	T CrMo2L P		
CrMoV	MMA	Chromet 1V	--	E CrMoV1 B	--
		13CMV	--	(E CrMoV1 B)	
	FCW	Cormet 1V	--	--	
5CrMo	MMA	Chromet 5	E8015-B6	E CrMo5 B	A35
	TIG/MIG	5CrMo	ER80S-B6	CrMo5Si	
	FCW	Cormet 5	E81T1-B6	T55T1-1M-5CM	
9CrMo	MMA	Chromet 9	E8015-B8	E CrMo9 B	A39
	TIG/MIG	9CrMo	ER80S-B8	CrMo9Si	
	FCW	Cormet 9	E81T1-B8	T55T1-1M-PC1M	