

# FAMILIARC™ DW-A588

80%Ar - 20%CO<sub>2</sub>

EN ISO 17632-A-T 50 2 ZCuNiCr P M21 1 H10

AWS A5.29 E81T1-W2M

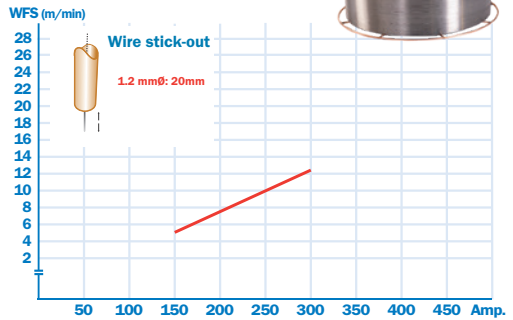
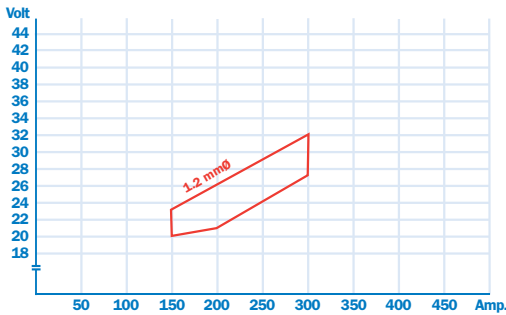
EN ISO 9606-1: FM1

EN ISO 4063: 136

## Description and Application

**DW-A588** is suitable for butt or fillet welding of 570 MPa weather proof steel and A588 steel (which are normally used without painting). It is a rutile type FCW applicable for all positional welding. It shows good bead appearance, bead shape and low spatter generation.

### Recommended Parameter Range, for flat position



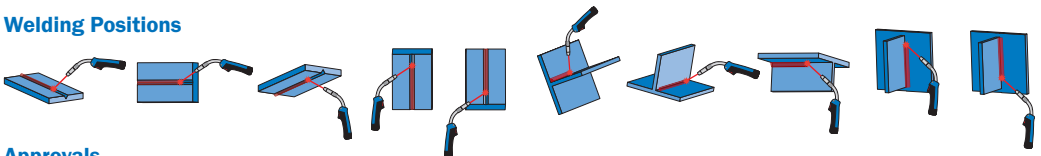
### Typical Chemical Analysis (wt. %)

C	Si	Mn	P	S	Ni	Cr	Cu
0.03	0.55	1.16	0.008	0.006	0.53	0.50	0.32

### Typical Mechanical Properties

	R <sub>e</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	CV(J)-20°C	CV(J)-30°C
Guaranty	583	644	24	110	54
	min.500	560~720	min.18	min.47	min.27

### Welding Positions



### Approvals

LR	DNV	BV	ABS	R.M.R.S	Others
-	-	-	-	-	CE