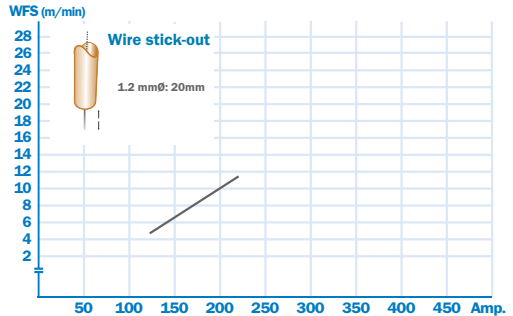
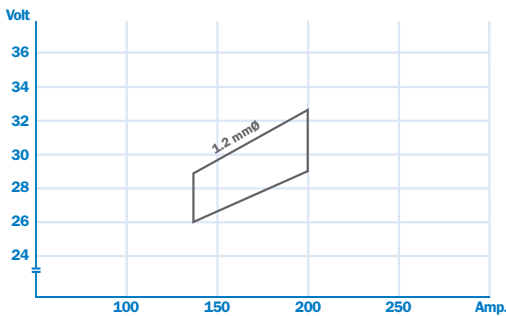


## Description and Application

**DW-NC276** is a nickel based flux cored wire for alloy C276 and super austenitic stainless steel, and is suitable for welding in all positions with Ar-CO<sub>2</sub> mixture gas. This wire is often applied for overlay welding for applications where excellent corrosion resistance is required.



### Recommended Parameter Range, for flat position



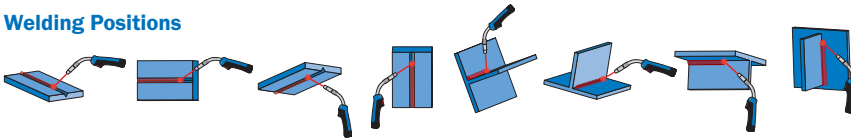
### Typical Chemical Analysis (wt. %)

C	Si	Mn	P	S	Cu	Ni	Cr	Mo	Fe	Nb+Ta	Ti	Co	W	V
0.014	0.17	0.64	0.007	0.004	0.03	58.3	15.1	16.0	5.4	-	-	0.04	3.6	0.01

### Typical Mechanical Properties

	R <sub>s</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	CV(J)0°C	CV(J)-100°C	CV (J)-196°C
Guaranty	466	719	46	67	59	53
	min.400	min.690	min.25			

### Welding Positions



### Approvals

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