




CEWELD SG CrMo5 Tig

TYPE	Medium alloyed, high-strength 5% Chromium alloy.					
ANWENDUNGEN	Mainly used in pipeline, apparatus and boiler application. This alloy is specially intended for high integrity structural service at elevated temperature.					
EIGENSCHAFTEN	Designed for welding heat resistant steels to sustain working temperatures up to 650° C					
KLASSIFIKATION	AWS	A 5.28: ER 80S-B6				
	EN ISO	21952-A: W CrMo5Si				
	W.Nr.	1.7373				
	F-nr	6				
	FM	3				
GEEIGNET FÜR	For matching 5%Cr-0.5%Mo creep resisting ferritic steels GX12CrMo5 (1.7362), X12CrMo5 (1.7363), Upto 1180 MPa					
	ASTM: A182/A336 grade F5, A199/A213 grade T5, A217 grade C5, A234 grade WP5, A335 grade P5, A387 grade 5					
ZULASSUNGEN	CE					
SCHWEISSPOSITIONEN						
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Cr	Mo	
	0.08	0.4	0.6	6	0.6	
MECHANISCHE GÜTEWERTE	Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness
	As Welded	490	570	18	RT	HRc
					110	
RÜCKTROCKNUNG	Not required					
GAS ACC. EN ISO 14175	I1					



CEWELD SG CrMo5 Tig

SG CRM05 TIG 1,6 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405975

SG CRM05 TIG 2,0 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405982

SG CRM05 TIG 2,4 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405999

SG CRM05 TIG 3,2 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663406002