

# CEWELD Alloy 188 Tig

TYPE	GTAW filler metal for welding Alloy 188										
ANWENDUNGEN	Alloy 188 combines properties which make it suitable for a variety of fabricated component applications in the aerospace industry. It is widely used in established military and commercial gas turbine engines for combustion cans, transitions ducts, and afterburner components.										
EIGENSCHAFTEN	Alloy 188 Tig filler metal is used for welding of 188 alloy. The alloy has excellent strength with superior oxidation resistance and thermal stability. The alloy has good sulfidation resistance and is used extensively in demanding military and civil aircraft gas turbine engine combustors and other key components.										
KLASSIFIKATION											
GEEIGNET FÜR	Alloy 188										
ZULASSUNGEN											
SCHWEISSPOSITIONEN	 PA  PB  PC  PD  PE  PF  PG										
TYPISCHE CHEMISCHE ANALYSE DES SCHWEISSMETALLS (%)	Co	Cr	Ni	W	Fe	Mn	Si	C			
	Rem.	22	22	15	2	0.9	0.35	0.1			
MECHANISCHE GÜTEWERTE	Heat Treatment As Welded		$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness					
				791	39						
RÜCKTROCKNUNG	Not required										
GAS ACC. EN ISO 14175	I1										