

CEWELD Alloy 188 Tig

TYPE	GTAW filler metal for welding Alloy 188										
TOEPASSINGEN	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.										
EIGENSCHAPPEN	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.										
CLASSIFICATIE											
GESCHIKT VOOR	Alloy 188										
GOEDKEURINGEN											
LASPOSITIONS	 PA  PB  PC  PD  PE  PF  PG										
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	Co	Cr	Ni	W	Fe	Mn	Si	C			
	Rem.	22	22	15	2	0.9	0.35	0.1			
MECHANISCHE WAARDEN	Heat Treatment As Welded		$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness HRc					
HERDROGEN	Not required										
GAS ACC. EN ISO 14175	I1										