



## TIG FICOT800

### Specification

GE B50TF193

### Description & Applications

Cobalt base solid rod for TIG hardfacing of jet engine or turbine parts. Weld metal deposit characterised by low coefficient of friction.

**Main applications:** Aeronautical industry.

### Typical Chemical Composition ( % )

	C	Si	Cr	Ni	Mo	Fe
Min		3.00	16.50		27.00	
Max	0.08	3.80	18.50		30.00	
Type	0.01	3.5	18.0	1.0	29.0	1.0
	P	S	N	O	Co	Ni+Mo
Min						
Max	0.03	0.03	0.07	0.05	Rem.	3.00
Type	0.01	0.01	0.01	0.01	Rem.	<3.00

### All Weld Metal Mechanical Properties

Hardness (as welded)

55-60 HRC

### Welding Current & Instructions

Welding mode	Shielding Gas
TIG = -	Ar : 6-12 l/min

FT En-TC08-170717

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