

TNF

- Material**

Material No.	3.7035
EN Symbol (short)	
AISI/SAE	T40
UNS	R300003/R300008
ASTM	Titan grade 2
B.S.	-
Alloy	-
Registered Works Label	-
Standards	-

- Chemical Composition¹**

C	Si	Mn	P	S	Cr	Mo	Ni	V
≤ %	≤ %	≤ %	≤ %	≤ %	%	%	%	
0.1	-	-	-	-	-	-	-	-
Nb	Ti	Al	Co	Cu	N	Fe	H	O
			%		≤ %			
-	Balance	-		-	0.03	0.3	0.015	0.25

- Thermal Characteristics**

Axial has the ability to be used over a very wide range of temperatures, from 4.2K to about 500°C. Thanks to its Young modulus its very high yield strength and its good fatigue strength.

- Special Characteristics**

Temperature - Range:
420°C

Density kg/dm³:
4.51

Hardness HV
≤ 210

Welding Filler

MIG, TIG WIG, Arc and laser

- Description**

Low weight balls, good mechanical characteristics, heat transfer and excellent corrosion resistance. Also used in aesthetic applications. Grades 1 and 2 belong to the Commercially Pure Titanium Alloys category.