

IBTi 01

Titanium Alloy 1 is pure titanium. The material features a high resistance to corrosion and erosion. The high tensile strength by low density allows the material to be used for many different applications. When working with the material care should be taken to ensure complete coverage of the weld with inert gas.

Reachable hardness approx. 40 HRC

Recommended for:

Titan

Material analysis:

C	H	O	Ni	Fe	Ti
0,08	<0,015	0,18	0,03	0,2	Rest

(test certificates upon request.)

Standard/Mechanical Values:

Ø	N / mm ²	Elongation AL100	Items on stock	
			rods	spools
0,2	-	-	-	-
0,3	-	-	-	-
0,4	-	-	-	-
0,5	-	-	-	-
0,6	-	-	-	-
0,7	-	-	-	-
0,8	-	-	-	-