

TITANIUM GATEWAY

STOCK AND SALES COMPANY FOR TITANIUM AND SPECIAL ALLOYS

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QUALITY IS OUR 1st PRIORITY

OUR PRODUCT SPECIFICATIONS FOR BARS

Pure titanium astm b348, astm f67, iso 5832-2, asme sb348, grade 2
titanium alloy 6al4v, astm f136 ELL, iso 5832-3, ams 4928, asme sb348, grade 5

OUR TOLERANCES ON DIAMETER

1.0 – 5.0 mm diam.: centerless ground, tolerance h7
5.1 – 14.0 mm diam.: centerless ground, tolerance h8
14.1 – 35.0 mm diam.: centerless ground, tolerance h9
40.0 – 55.0 mm diam.: peeled, bright surface, tolerance -0/+100
60.0 – 65.0 mm diam.: peeled, bright surface, tolerance -0/+120
70.0 – 80.0 mm diam.: peeled, bright surface, tolerance -0/+140
85.0 – 90.0 mm diam.: peeled, bright surface, tolerance -0/+200
100.0 – 200.0 mm diam.: peeled, bright surface, tolerance -0/+200

OUR STANDARD LENGTH

r/l = 2900 – 3100 mm
tolerance on straightness: 1mm/m.

OUR MICROSTRUCTURES

All bars are produced with a microstructure between A1-A12

Our aims for different heats:

Until 300 kg - 1 heat
From 300 – 500 kg - 2 heats
From 500 – 1000 kg - 3 heats
Beginning from 1000 kg - 4 heats

OUR INSPECTION & QUALITY CONTROL

100 % US test 100 % microstructure test, 100 % grain size test is included
necessary antimixing test with spectroanalysis or X-Ray on each heat, roughness test

OUR MARKING

Each bar with quality, size, heat no. and our supplier's number in intervals of 500 mm.
Titanium 6al4v has to be head-marked red, and c.p. titanium has to be head-marked white
or not coloured

OUR PACKING

All material will be packed save, carefully in a feasible package.