

## 367 / Ti6AL7Nb

Implant alloy with excellent biocompatibility and high strength.

Gehe zu



### Main fields of application of Ti6AL7Nb (Ti 6/7)

Endoprotheses: hip, knee, shoulder, hip-balls osteosyntheses; bone screws, bone plates, marrow-nails, spinal systems, oral implants.

### Chemical composition of Ti6AL7Nb (Ti 6/7)

Al	5.5 - 6.5	C	≤ 0.08
Nb	6.5 - 7.5	H	≤ 0,009
Fe	≤ 0.25	Ti	bal
O	≤ 0.20	N	≤ 0,05

### Mechanical properties of Ti6AL7Nb (Ti 6/7)

annealed	specification values (ASTM F1295)
tensile strength Rm	≥ 900
yield-strength Rp 0.2	≥ 800
elongation A	≥ 10%

### Delivery program

dim. (Ø) mm kg/m tolerances stock	kg/m	tolerances	stock
6,0	0,127	h8	●
0,8	0,227	h8	●
12	0.51	h8	●
13	0,59	h8	●
15	0,80	h8	●
25	2,21	- 0.20 / + 0.20	●
26	2,39	- 0.20 / + 0.20	●
35	4,34	- 0.36 / + 0.36	●
42	6,25	- 0.40 / + 0.40	●

Further bars and profiles in different executions available upon request.

### Material Outlet by Hempel

ECONOXX.com offers buyers a new and uncomplicated procurement channel, which also includes small quantities and materials in special alloys at favourable conditions.

### Contact us



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