

Tantalum

ASTM F560

Used in the medical industry, typically used as X-ray marker in polyethylene or other x-ray translucent materials.

Gehe zu



Chemical composition of Tantalum

C	O	N	H	Nb	Fe
≤ 0.010	≤ 0.015* / ≤ 0.03**	≤ 0.010	≤ 0.0015	≤ 0.10	≤ 0.010
Ti	W	Mo	Si	Ni	Ta
≤ 0.010	≤ 0.050	≤ 0.020	≤ 0.005	≤ 0.010	balance

R05200* E-beam or VAR cast Tantalum / R05400** Sintered Tantalum

Mechanical properties of Tantalum

annealed	Typical values (annealed .. cold worked)
tensile strength Rm	≥ 172 .. ≥ 517 Mpa
Yield strength Rp 0,2	≥ 138 .. ≥ 345 Mpa
Elongation A	≥ 25 .. ≥ 2%

Delivery program

Material is mainly used in bars or as wire. Various dimensions are 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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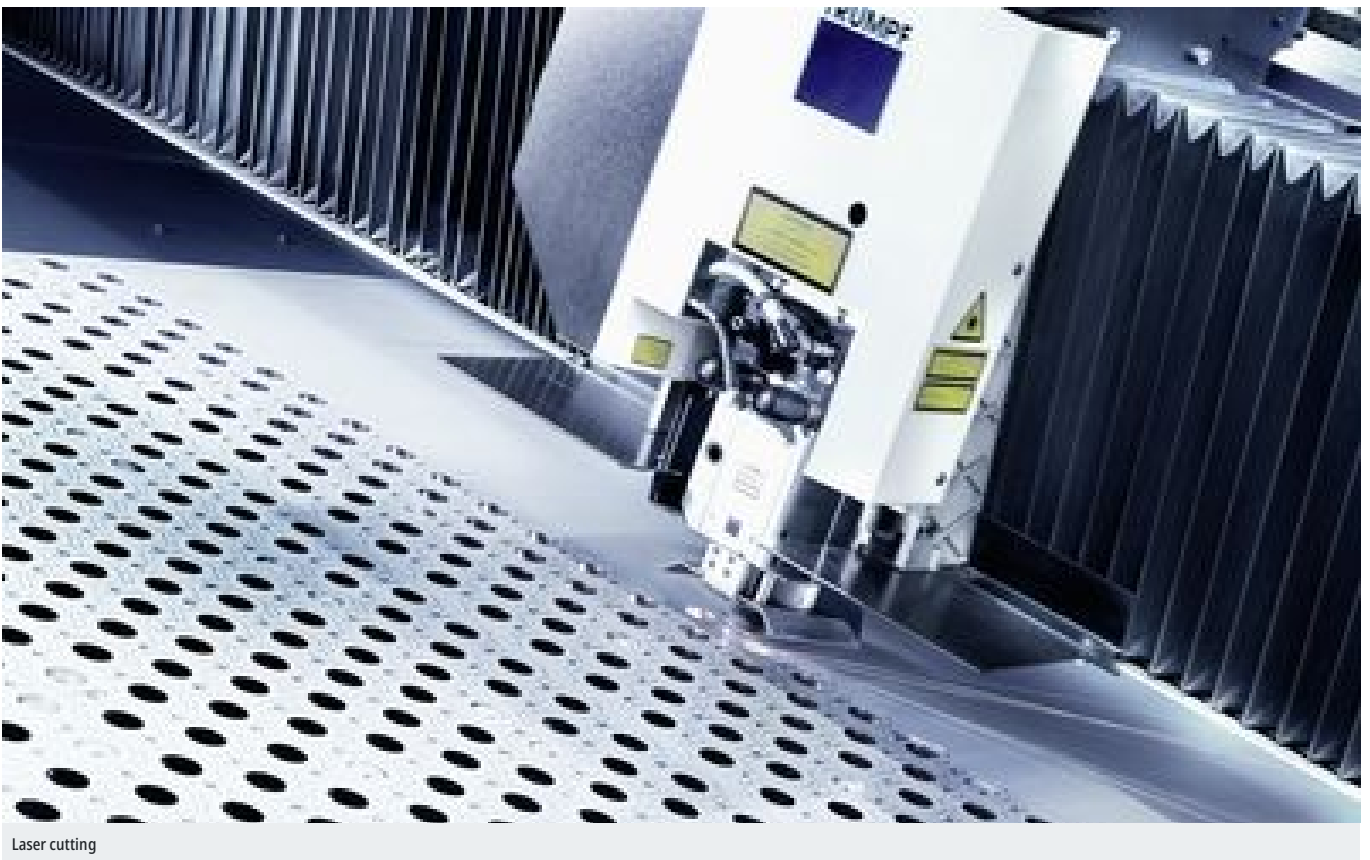
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Services



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