



Cronidur 30 / 1.4108

Martensitic Cr-Mo-N-steel with high hardness and very high corrosion resistance. alternatively to 1.4034, 1.4197 and 1.4112

Gehe zu



Main fields of application of Cronidur 30

Cutting tools, surgical instruments (drills, mills etc.) screwdriver.

Chemical composition of alloy Cronidur 30

C	Cr	Mo	N	Fe
%	≤ %	≤ %	≤ %	≤ %
0.25-0.35	14.0-16.0	0.85-1.10	0.3-0.4	Rest

Characteristics of alloy Cronidur 30

annealed	specification values
tensile strength Rm	≤ 900 MPa
after hardening	specification values
hardness Vickers HV	650 - 700
hardness Rockwell HRC	55 - 60

Delivery program

dimensions	kg/m	tolerances
3,0	0.050	h6
4,0	0.100	h6
4,5	0.122	h6
5,0	0.157	h6
5,5	0.190	h6
6,0	0.226	h6
8,0	0.4	h6
10,0	0.63	h9
15,0	1.36	+/- 0,1 mm
20,0	2.42	+/- 0,1 mm
30,0	5.44	+/- 0,1 mm
40,0	9.67	+/- 0,2 mm

Further bars and profiles in different executions available upon request.

Services provided by our internal service center for Cronidur 30

We can provide various services directly in our service center. You save time, cost (internal or external) and don't need to find solutions for scrap management or handling of heavy plates and long bars.

Services suitable for

Round bars

Sawing of bars

Bar marking

Turning machine

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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Services



Waterjet cutting



Laser cutting



Plasma cutting



Shear cutting

Weight Calculator