

ALUTOP – TAPS FOR ALUMINUM

Abrasive materials like **aluminum alloys containing silicon** shorten the tool life of regular threading tools. This leads to longer production times, and is not very economic.

The Neoboss Alutop withstands those extreme conditions thanks to its wear-resistant PVD-coating and a geometry especially developed for this material.

Rationalized production - a big benefit for you!

Grulo-Alutop

Art.-No. 4350 DIN371 FormC
Art.-No. 6350 DIN376 FormC
Art.-No. 4351 DIN371 FormE

Rapid-Alutop

Art.-No. 7450 DIN371
Art.-No. 7451 DIN376

Your Advantages:

- ❖ no adherence on non-ferrous-metals
- ❖ high resistance to wear
- ❖ very smooth surface

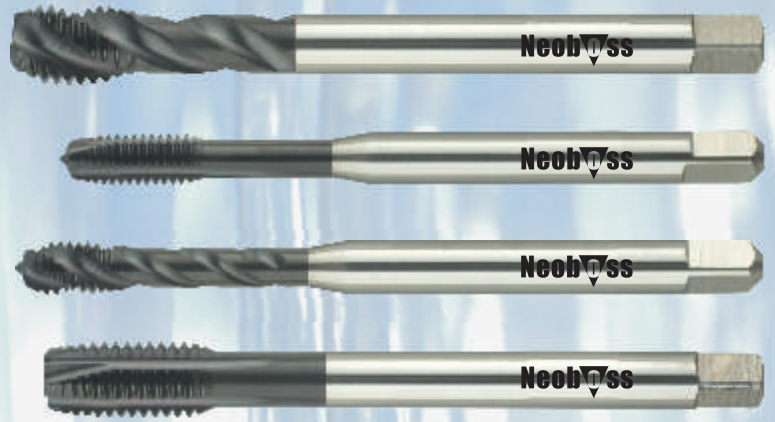
Neoboss – Range of Products

- ❖ metric ISO standard threads
- ❖ metric ISO fine threads
- ❖ other standards and special taps on request



Range of materials

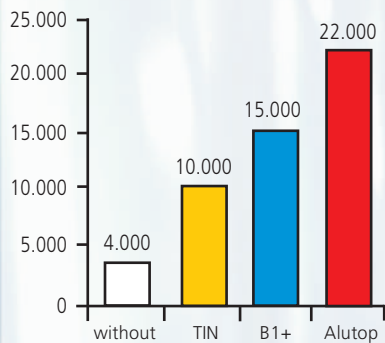
G-ALSi10 Mg	3.2383
G-ALSi 6 Cu	3.2151
G-CuAl10Ni	2.0975
GD-ALSi 12 (Cu)	3.2982
AlMg1 SiCu	3.3211
G-ALMg 5 Si	3.3261
Al Mg Si 0,5	3.3206
G-ALMgSi 9 Mg	3.2372



Examples of applications

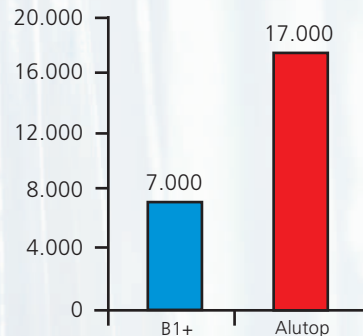
G-ALMgSi 9 Mg,
Emulsion, Form E, 2,5 x d
M6 ISO 2-6H, $V_c = 30\text{m/min}$

Tool-life in threads



AlMgSi0,5,
Emulsion, Form E, 2,5 x d
M7 ISO 2-6H, $V_c = 25\text{m/min}$

Tool-life in threads



Interdependence of tool-life and cutting speeds

