

BLUERING – FOR MACHINING OF UNALLOYED STEELS

The Bluering is the economic and competitive solution for long-chipping steels and unalloyed steels, for example st37-2 or st52-3. Due to an especially adapted relief and a adapted cutting edge geometry the Bluering is an excellent choice for soft, unalloyed steels as well as for long-chipping steels.

But: with a TIN-coating, the Bluering can also be used in high-tensile steels, such as machining steels, high carbon steels and tempering steels with a tensile strength up to 1.000 N/mm².

BLUERING RAPID SPEZ.

DIN 371 Art.-No. 7045/06 nitrided
DIN 371 Art.-No. 7045/80 TIN
DIN 376/374 Art.-No. 7055/06 nitrided
DIN 376/374 Art.-No. 7055/80 TIN

BLUERING GRULO SPEZ.

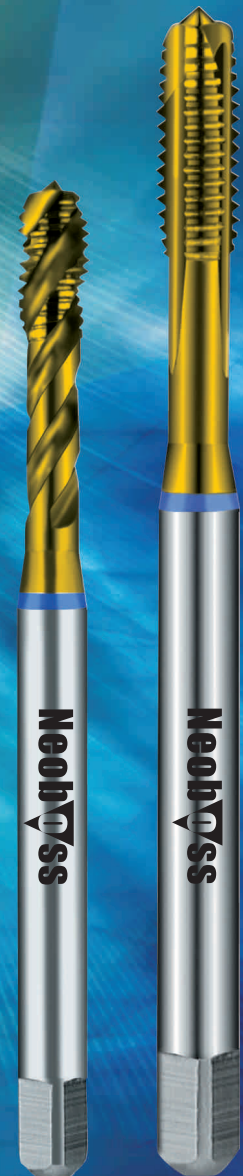
DIN 371 Art.-No. 4045/78 vaporized
DIN 371 Art.-No. 4045/80 TIN
DIN 376/374 Art.-No. 6045/78 vaporized
DIN 376/374 Art.-No. 6045/80 TIN

Your advantages:

- for machining of unalloyed steels up to 1.000 N/mm²
- construction steels as for e.g.
 - 1.0553 st52-3 (DIN) S355J0 (ISO) Q345 (Cn) SCC3 (Jp)
 - 1.0037 st37-2 (DIN) S235JR (ISO) Q235 (Cn) 1015 (AISI U.S.)
- suitable to a limited extend for grey cast iron and nodular cast iron
- can also be used in some high speed steels

Neoboss – Range of products:

- metric ISO standard threads
- metric ISO fine threads
- UNC-/UNF-threads to ANSI B 1.1
- pipe threads DIN ISO 228



Neoboss Bluering – especially for long-chipping and unalloyed steels.

RAPID

DIN 371 Art.-No. 7010

DIN 371 Art.-No. 7010/78 vaporized

DIN 376/374 Art.-No. 7011

DIN 376/374 Art.-No. 7011/78 vaporized

GRULO

DIN 371 Art.-No. 4040

DIN 371 Art.-No. 4040/78 vaporized

DIN 376/374 Art.-No. 6040

DIN 376/374 Art.-No. 6040/78 vaporized

RSP

15° spiral especially for small thread depth,
up to max. 2xd

DIN 371 Art.-No. 4230

DIN 376/374 Art.-No. 6030

FORM-C

for thin steel panels

DIN 371 Art.-No. 4052

DIN 376/374 Art.-No. 6002

Your advantages:

- > for machining of unalloyed steels
up to 800 N/mm²
- > construction steels, carbon steels, cast
steels, machining steels, e. g. st37-2
(S235JR) or st52-3 (S355J0)

Information: Vaporization

Water vapour heated to approx. 520°C is
led into a furnace filled with taps. The
water vapour separates. Together with
the oxygen this causes a ferric oxide layer
at the cutting edge of the tools.

- > leading to better adhesion of
the lubricant
- > working against building-up of material
- > ensures a better chip-running



7010

7010/78

7011

7011/78



4040

4040/78

6040

6040/78



6030

4230

4052

6002