

STRUB Vulcan TCO / STRUB Vulcan TCP

Special thread cutting, thread rolling, thread pressing and thread forming oil or paste

Description

The additive combination of the product series STRUB Vulcan TCO or TCP is composed according to modern aspects in order to meet the special requirements of thread machining of high-alloy steels. Of course, other ferrous metals can also be machined.

Application

The STRUB Vulcan TCO or TCP product range has been specially developed for thread machining (cutting and forming) of high-alloy steels. The product STRUB Vulcan TCO can also be used as cutting oil for the heaviest machining or for forming. STRUB Vulcan TCP is a paste for manual application; very suitable for high-speed tools where an oil would be thrown off. STRUB Vulcan TCP is offered in a handy brush tin for manual application.

Application example:

Thread cutting in stainless steel 1.4301 (V2A)

Thread: M6 blind hole depth 12 mm

Problem with conventional thread cutting oil:

After 10 threads, the tap is worn out and starts to jam.

The result was a broken tap!

Today with STRUB Vulcan TCO: The use of our STRUB Vulcan TCO thread cutting oil prevents rounding of the cutting edge. This means that the tool remains sharp longer, has a long service life and no longer shows tool breakage.

Features and advantages

- Excellent dimensional stability
- Increased tool life
- excellent surface finish
- the product does not contain any additives containing heavy metals, PCB's and PCT's

Technical data

STRUB Vulcan Art.-No.		TCO 30055	TCO 650 33619	TCP 30037
Color		blue	blue	light blue
Density at 20°C	g/cm^3	1.17	1.17	1.18
Viscosity at 40°C	mm^2/s	130 - 175	650	pasty
Flash point min.	$^{\circ}\text{C}$	170	170	170

Note

The residual quantities of STRUB Vulcan TCO or TCP should be washed off after processing.

Disposal

LVA VeVA / EAK: 12 01 06

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