

# STRUB Vulcan Futura CF 18/15, 18/18, 18/32, 18/480 AS Series

Special thread cutting, thread rolling, thread pressing, thread forming and deep hole drilling oils

## Description

The additive combination of the STRUB Vulcan Futura CF 18/15, 18/18, 18/32, 18/480 AS series is composed according to the most modern aspects in order to meet the special requirements (machining and forming in successive working steps) of thread machining of high-alloy steels. Of course, other ferrous metals can also be machined. Machining of aluminum and non-ferrous alloys should only be carried out after consultation with our customer service.

# Application

STRUB Vulcan Futura CF 18/15, 18/18, 18/32, 18/480 AS series is specially designed for thread machining (thread forming, thread rolling) and deep hole drilling of steels, high alloy steels and chrome nickel steel. STRUB Vulcan Futura CF 18/15, 18/18, 18/32, 18/480 AS series can also be used as a cutting oil for the heaviest machining or for forming.

#### Features and advantages

- Excellent dimensional stability •
- Increased tool life •
- Excellent surface finish •
- excellent corrosion protection •
- very good aging resistance •
- very low oil mist •
- excellent performance •
- chlorine-free

# **Technical data**

STRUB Vulcan Futura		CF 18/15 AS	CF 18/18 AS	CF 18/32 AS	CF 18/480 AS
Art. No.	Unit	33386	30400	32758	32082
Color		light brown	light brown	light brown	light brown
Density at 20°C	g/cm <sup>3</sup>	0.877	0.865	0.885	0.940
Viscosity at 40°C	mm <sup>2</sup> /s	15	18	32	480
Flash point	°C	167	180	180	>200

The information in this technical data sheet is based on general knowledge and application possibilities. STRUB + Co. AG is not liable for damage resulting from improper use of the products. The industry-standard measurement and production tolerances apply to the specified characteristic. Generally, no legal binding can be derived from these data. Our products are subject to continuous further development. Therefore, STRUB + Co. AG reserves the right to change all technical data in this data sheet at any time and without prior notice.

fax

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### Satisfied customers report

Product:	STRUB Vulcan Futura CF 18/18 AS			
Processing of: Grooving, thread forming (internal), thread rolling (external, non-cutting)				
Material	Stainless steel, 1.4303 - 1.4401, 1.4034 - 1.4543, 1.4571			
Tool	Form cutting, HSS-CO (8 % cobalt), parting off, titanium			
Machine:	Tornos Bechler, Gildemeister, Schütte, 6 - 8 Spindler			
Resultat:	Thread forming up to 100 % longer tool life! Otherwise single-shift operation 10 h 25 - 30 %.			
	longer tool life.			
Material:	Steel St 32			
<b>Processing of:</b> Thread forming M 10x1, M 12x1, M 18x1 on a rotary transfer machine.				
	Connecting pieces for the automotive industry			
Result:	Production quantities of up to 20 thousand parts can be realized without any problems. Very			
good tool life	•			

## Transport

ADR/SDR	No dangerous goods

Disposal

LVA VeVA / EAK: 12 01 07

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