

ACTIROX

For maximum stock removal

Developed for ...



Super-alloys

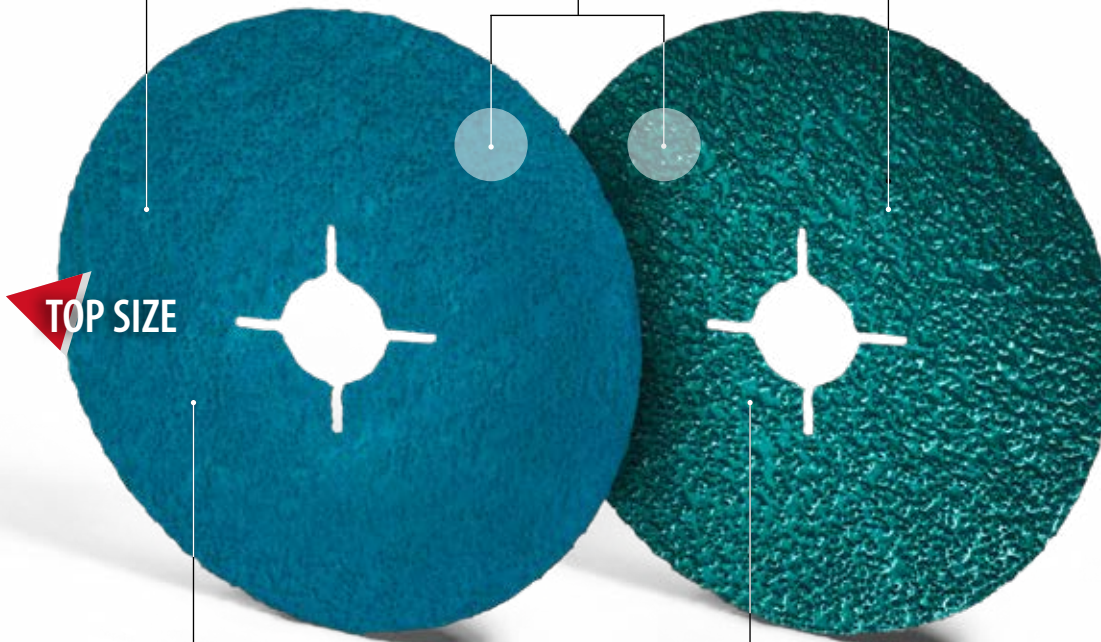
Stainless steel



Developed for ...



Unalloyed steel



VSM ACTIROX
AF890 fibre disc with VSM TOP SIZE

VSM ACTIROX
AF799 fibre disc



Your workpiece

Deburring



Removal of imperfections



Bevelling



Weld seam preparation



Levelling of welded seams



Grinding of cast parts



Cleaning

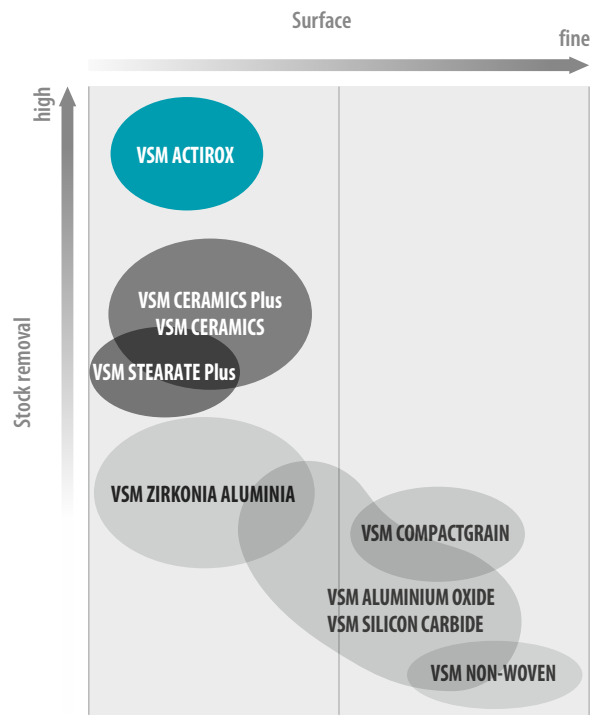




ACTIROX significantly increases your productivity

Compelling results in every respect

- > **Maximum stock removal** per time unit thanks to **geometrically shaped ceramic grain**
- > **Very short processing times** and thus **lower operating costs** thanks to faster grinding compared to conventional ceramic grain abrasives
- > **Cool grinding processes** and a **very long service life**
- > VSM can be relied on to always deliver premium quality **made in Germany**



Product overview



	Rolls (max. width)	Discs	Backing	Grain technology	Features	Stock removal / Surface													VSM series			
						20	24	36	40	50	60	80	100	120	150	180	240	320	400			
NEW	1,470 mm	●	Fibre	VSM ACTIROX	▼ TOP SIZE			■													AF890	
NEW	1,470 mm	●	Fibre	VSM ACTIROX				■														AF799

Legend:

- for medium to high contact pressure
- ▼ **TOP SIZE** Grinding-active additional layer reduces the temperature in the grinding zone

Last revised: 04/2019

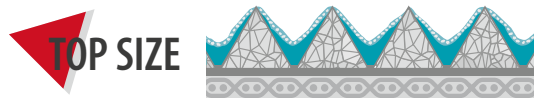
ACTIROX

An abrasive grain in top shape

The new abrasive technology

VSM ceramic grain abrasives have for many years been synonymous with a long service life: One of the reasons is their unique self-sharpening effect.

VSM ACTIROX is the name of the latest generation of abrasives optimised for efficient stock removal. Thanks to the geometrically shaped abrasive grains, it achieves very aggressive, quick grinding for maximum removal rates.



Enhanced machining capacity and reduced temperature in the grinding area thanks to VSM TOP SIZE with the AF890 fibre disc



The geometrically shaped ceramic grain breaks down in a defined fashion constantly producing new sharp edges



Significantly increased productivity due to faster grinding



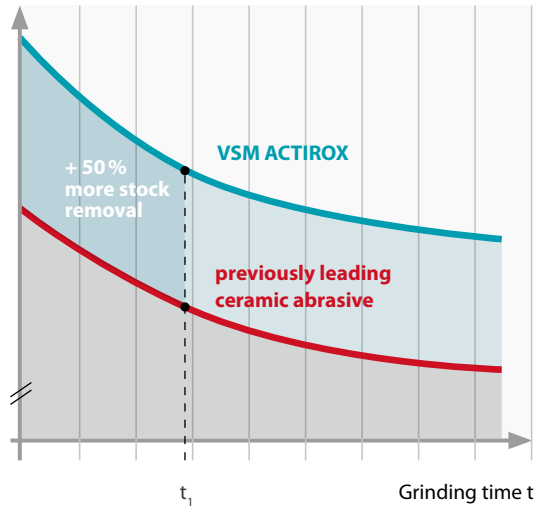
For medium to high contact pressures



The geometrically shaped ceramic grain guarantees maximum stock removal

More workpieces per time unit

Stock removal/time



 VSM ceramic grain
Made in Germany

VSM is **one of only few manufacturers of ceramic grain worldwide and in Germany.** It is thanks to having our own ceramic grain production in Hanover, Germany that we have a decisive influence on the performance of VSM abrasives.

For further information please visit
www.actirox.com

Suitable backing pads for ACTIROX

TURBO PAD 1



hard, with cooling fins

TURBO PAD 2



hard, with cooling fins, cambered

TURBO PAD 3



extra hard, with cooling fins, cambered for maximum stock removal with AF890

Case studies

Weld seam levelling, unalloyed steel



VSM ACTIROX AF799

Workpiece	Welding seam
Material	Unalloyed steel
Contact element	> VSM TURBO PAD 1
Rotational speed	11,500 rpm
Performance	1,900 W
Feed rate	Manual
Disc dimensions	Ø 125 mm
Grit size	36

Result > Twice the stock removal compared to previously used ceramic grain abrasives

Weld seam levelling, stainless steel



VSM ACTIROX AF890

Workpiece	Welding seam
Material	Stainless steel
Contact element	> VSM TURBO PAD 3
Rotational speed	8,500 rpm
Performance	1,550 W
Feed rate	Manual
Disc dimensions	Ø 125 mm
Grit size	36

Result > Significantly increased productivity, since up to 70 % more workpieces are processed per shift