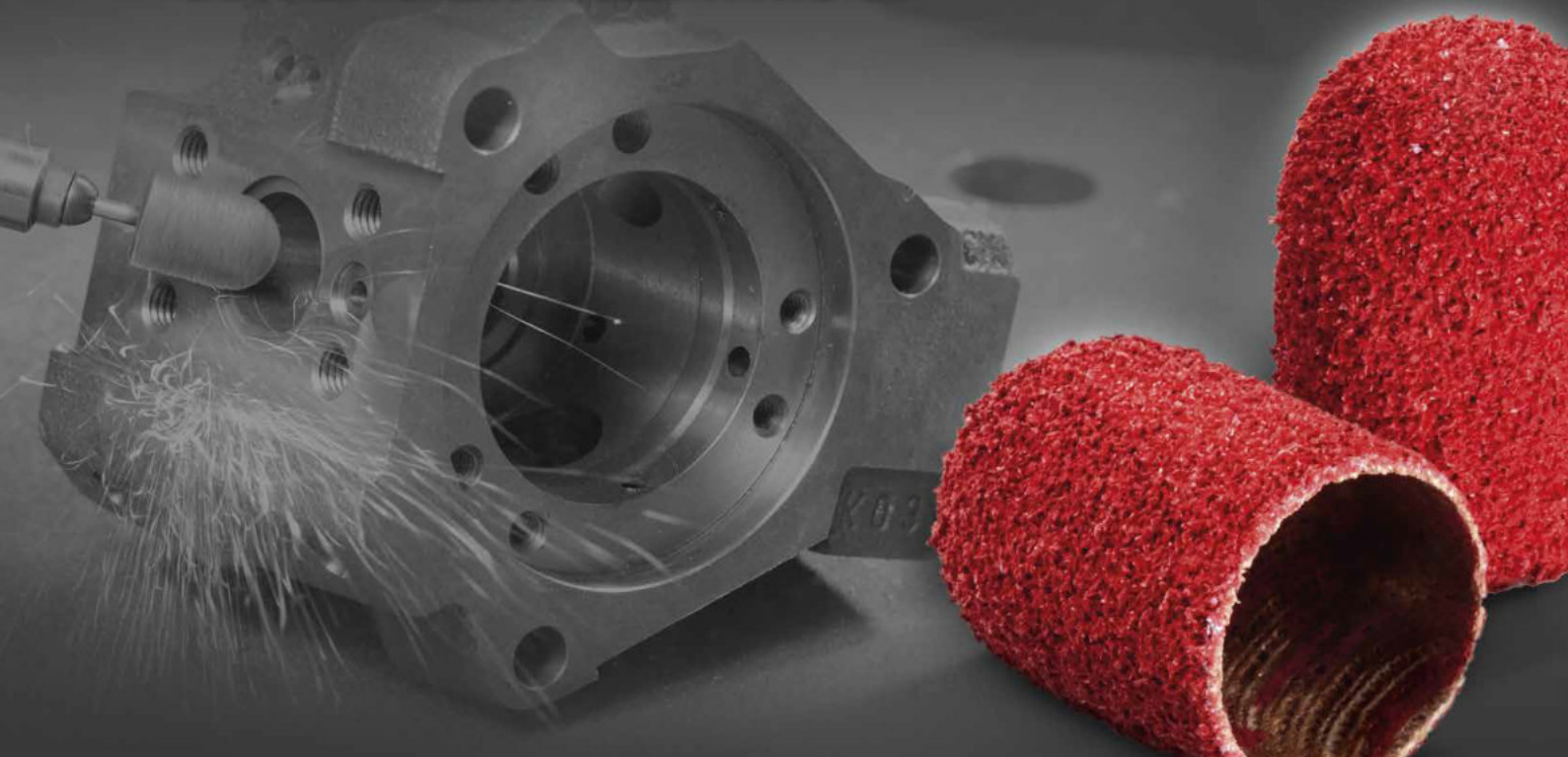


CERAMIC ABRASIVE CAPS

THE GRINDING TOOL WITH A SELF-DRESSING EFFECT



SELF-DRESSING DUE
TO THE EXPOSED NEW
CUTTING PARTICLE EDGES

THOUSANDS OF VERY
SMALL PARTICLES

EXTREMELY SHARP
CUTTING EDGES

FOR THE HARDEST
SURFACES

GRIND LONGER ON THE HARDEST METALS.

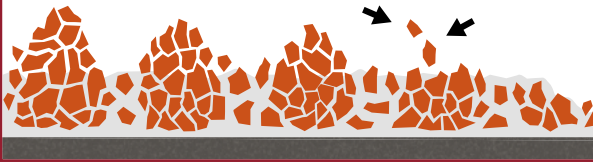
Whether tool steel, cast steel or titanium alloys – the industry machines an increasing amount of extremely hard and tough metals. With the ceramic abrasive cap, now a tool for straight grinders is available that makes machining smaller parts and deburring extremely easy. Thanks to the self-dressing effect, extra-long tool life is an added bonus.

MAXIMUM CUTTING PERFORMANCE

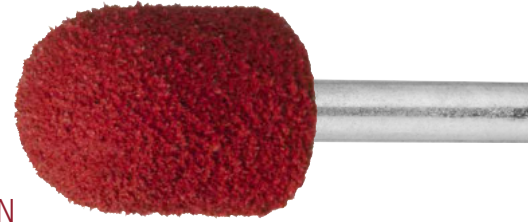
The abrasive caps with ceramic grain were developed for machining demanding materials. Hardened and wear-resistant steels, titanium alloys, weld seams and hard coatings are no longer a problem with these abrasive caps. This aggressive grinding behaviour is retained for a very long time through the self-dressing feature.

THE SELF-DRESSING EFFECT

Already worn abrasive particles break off, exposing new particles with sharp cutting edges. That's why the abrasive cap remains as sharp as new for a long time.



4 VARIOUS SHAPES AVAILABLE



ALL-AROUND TOOL ON CONSTRUCTION SITES FOR DEBURRING, GRINDING, ROUNDING AND REGRINDING

PROBLEM-SOLVER FOR MACHINING METAL

The ceramic abrasive caps represent a valuable addition to the tool stock for all industries in which hard metals are machined. These include tool and mould making and the demanding mechanical engineering, steel construction and aerospace industries.

These abrasive caps are perfect for grinding uneven surfaces, machining small parts, deburring and regrinding narrow radii. The abrasive caps can even be used for stainless steel, as they barely heat up during grinding.

SELF-DRESSING EFFECT REDUCES TOOL COSTS

Thanks to self-dressing, a ceramic abrasive cap can be used for a much longer period of time than ordinary abrasive caps. Tool changes are required much less frequently for straight grinders, reducing tool costs.

NO MORE GLAZING

The abrasive particles integrated in the resin matrix break off when worn and make way for new particles with sharp cutting edges. The dulling known as "glazing" familiar from other grinding tools when machining hard materials does not occur. As a result, the ceramic abrasive cap continues to work like new despite wear.

ABRASIVE CAPS FROM LUKAS AT A GLANCE

**DISCONTINUED ITEM.
AVAILABLE UNTIL FEBRUARY 2020!**



- ⊗ UNIVERSAL NK ABRASIVE CAP
- Universal for machining plastics and non-ferrous metals
 - Many other materials

**THE OPTIMIZED GREEN REPLACES
THE BROWN GRINDING CAP!**



- ✓ SPECIAL NKS ABRASIVE CAP
- For corrosion and heat-resistant steels
 - Increased stock removal capability due to reactive filler in bond
 - Universal for machining plastics and non-ferrous metals
 - Many other materials



- CERAMIC ABRASIVE CAP
- Self-dressing ceramic grain
 - For hardest materials
 - Aggressive grinding behaviour
 - Long tool life
 - For use in tool and mould-making

Aluminium | Wood | Composite | Plastic | Rubber | Inox | Steel | Structural steel | Cast material

Titanium | Tool steel