

Good. Safe. Yellow.

The new Klingspor
abrasive mop discs

Klingspor
Abrasive Technology



CEVOLUTION

The Klingspor CEVOLUTION

The four new abrasive mop discs in the Klingspor range all have one thing in common – they all feature the new CEVOLUTION technology.

Klingspor products with CEVOLUTION technology are more powerful than comparable other ceramic abrasives. In most applications the new products offer more aggressiveness and an extended service life.

The extra performance of products with CEVOLUTION technology results from the combination of an aggressive, self-sharpening ceramic grit with the unique Klingspor know-how regarding grit mixture, grit sizes, grit quantities, formulation of pre- and postcoat, multi-bond as well as special manufacturing processes.

All of these individual elements are specifically matched by the Klingspor developers for each different mop disc variant/type. This results in optimised products that will meet the requirements of the metalworking professional.



Expert tip:

For the self-sharpening effect to occur, a relatively high contact pressure is necessary. Only then does the grain break out and new sharp points emerge. That is why Klingspor advises using abrasive mop discs with ceramic grain on powerful angle grinders: 1,100 watts or more are optimal. If the angle grinder is too weak, the grain may become blunt and there will be no self-sharpening effect.



Click here for the latest video on the new CEVOLUTION technology!

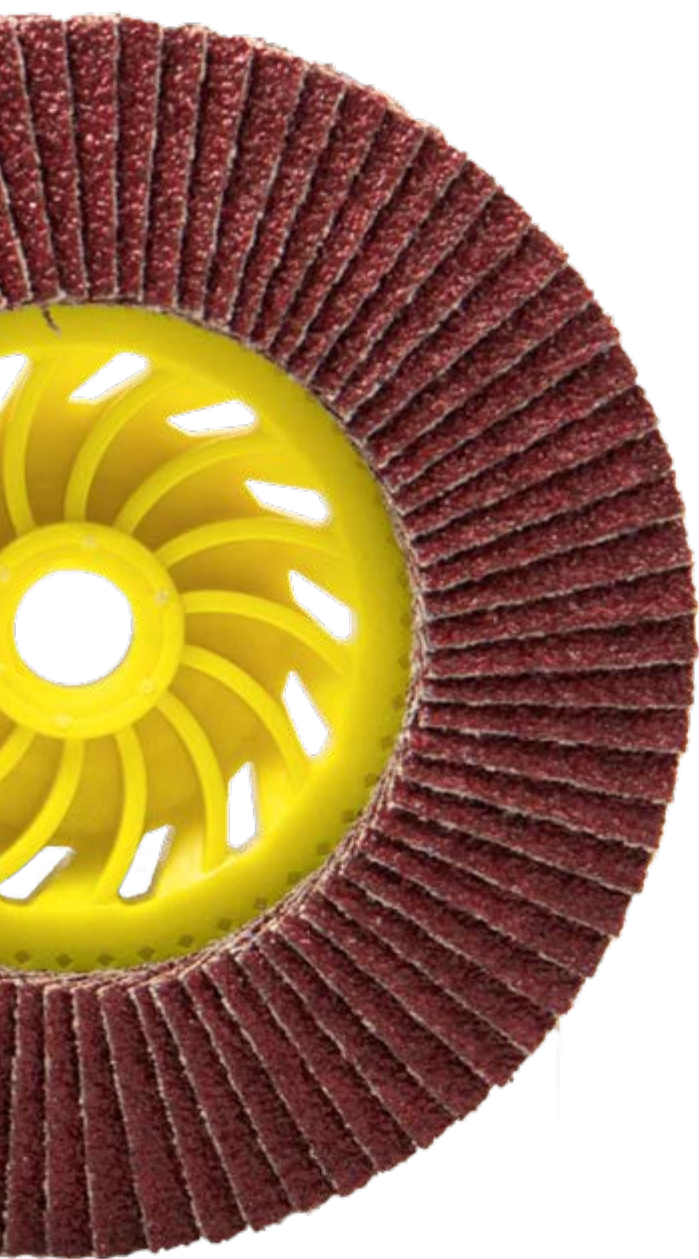
▼ Microscope image of one of the new abrasives with CEVOLUTION technology





Four newcomers for Klingspor

Klingspor expands the abrasive mop disc range



Anyone who is often faced with challenging metal removal tasks will probably have used this type of product more than once: the abrasive mop disc! This was the name of the flap disc when it was invented in 1972 and it is still the name at Klingspor today.

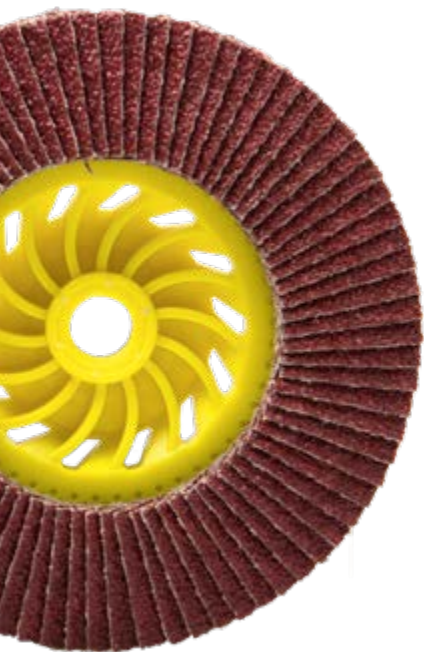
The special feature of the abrasive mop disc is its flexibility. Compared to the grinding disc, it makes grinding less demanding due to lower vibration and less noise.

For the 50th birthday of the abrasive mop disc, Klingspor has now developed four new types – they will be available for purchase from autumn 2022. The four new types have been created without compromise and offer the user the best possible performance in all fabrication environments. Thanks to the new Klingspor CEVOLUTION technology*, which combines ceramic abrasive grit with 130 years of know-how, the SMTs are optimised for the respective application. For the user, this means:

- ▶ **Maximum performance**
- ▶ **Perfect results**
- ▶ **Best possible efficiency**

All new SMT models comply with the safety certification guidelines of the Organisation for the Safety of Abrasives (oSa).

*more information on CEVOLUTION can be found at the end of this brochure



SMT 975 – the durable one

A flap disc that impresses with several properties: The innovative ceramic abrasive grain and CEVOLUTION technology as well as the trimmable backing plate ensure unprecedented durability. Thanks to CEVOLUTION, the SMT 975 offers a long service life and extreme aggressiveness. The plastic disc can be easily trimmed so that the unused abrasive can be used in the inner area of the disc. This ensures additional service life compared to a conventional flap disc. The integrated M14 thread enables efficient tool changing without the use of a clamping key.



Available diameters: 115 mm, 125 mm
Available grit sizes: 40, 60, 80



SMT 974 – the solid one

The SMT 974 will also offer a performance increase with the new, self-sharpening CEVOLUTION ceramic abrasive grain. In combination with a cotton compound backing, this SMT becomes a reliable metal removal tool. The extra-thick coating of abrasive ensures a particularly long service life. Optimised for use on steel, the new SMT 974 creates particularly high stock removal.



Available diameters: 115 mm, 125 mm
Available grit sizes: 40, 60, 80





SMT 976 – the cool one

This flap disc has been optimised by Klingspor engineers for use on stainless steel. Thanks to the multi-bond coating and the self-sharpening effect, the SMT 976 convinces with aggressive grinding and longer service life than the predecessor type SMT 996 when machining tough materials. The multi-bond coating helps to reduce the grinding temperature in the grinding zone. This makes the SMT 976 ideal for stainless steel. In addition, the multi-bond delays premature clogging when used on non-ferrous metals and aluminium.



Available diameters: 115 mm, 125 mm
Available grit sizes: 40, 60, 80



SMT 674 – the efficient one

Price-performance has a new name: SMT 674! With this model, Klingspor presents ceramic abrasive grit in the SUPRA line for the first time. Products in this line stand for reliable and high-performance products that impress above all with their excellent price-performance ratio. The SMT 674 can be used universally in metalworking and is a real all-rounder.



Available diameters: 115 mm, 125 mm, 180 mm
Available grit sizes: 40, 60, 80



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