

Kronenflex® grinding discs

Kronenflex® grinding discs are characterised by their permanent high level of attack and maximum stock removal. The optimum relationship between performance and service life is guaranteed up to the complete use of the disc.

Kronenflex® grinding discs are used in all major surface grinding applications, as well as for edge bevelling and burr removal. KLINGSPOR offers professional advice in selecting the right grinding disc for you.

From general metalworking to material-related applications in steel, stainless steel and NF-metals, to the more specialised requirements of the nuclear industry, KLINGSPOR has the products you need. Discs for stone grinding and cup grinding wheels round off our programme.

Our engineers are standing by to help you, should you have specific problems or technical questions. You may take advantage of our technical consulting services whether at KLINGSPOR or directly on site.



Practical tips

The “rule of thumb” also applies to grinding discs: the harder the material, the softer the bond of the grinding disc.

In addition, the application plays a very decisive role.

Corners and burrs have very sharp edges and easily tear the grit out of the bond. We recommend the use of a hard bond.

If on the other hand one is working on surfaces i.e. small welded seams, a disc that is too hard would easily become dull and no longer grip the material. The disc would achieve a good service life, but this would result in a low stock removal rate and high work costs.

For finish grinding the best disc bond is a medium or soft disc bond.

Type	Page	Thickness [mm]	Material applications													
			Steel	Hardened steels	Tool steel	Stainless steel	High-alloy steels	Corrosion and acid proof steels	Aluminium	Bronze	Cooper	Brass	Zinc die-casting	Cast iron	Stone / concrete	
A 24 Extra	235	6.0 - 8.0	●	○	○	○	○	○	○					○	○	
A 24 Extra T	235	6.0 - 8.0	●	○	○	○	○	○	○						○	
A 24 R Supra	236	4.0 - 10	●	●	●	○	○	○	○						○	
A 24 R/01 Special	236	4	●	●	●	○	○	○	○							
A 24 N Supra INOX	237	6.0 - 8.0	○	●	○	●	●	●	●							
A 24 R/36 Special	237	6	○	○	○	●	●	●	●							
A 46 N Supra	238	6.0 - 8.0								●	○	○	○	○		
A 24 S Supra	238	7	○												●	
AC 24 R Supra	239	8													●	
A 24 TX Special	239	6	○	○	○	○	○	○	○						●	
C 24 R Supra	240	6													○	●

● = main application ○ = possible applications