

Convolute Wheels

Master Convolute Wheels are constructed by wrapping non-woven material around a nylon core. The nature of this product with its semi-open and uniform structure make it ideal for numerous applications from deburring, blending, polishing and edge radiusing. The wheels also produce various finishes, from linear scratch patterns through to decorative satin and antique finishes.



Master Convolute Wheels are available in diameters ranging from 150mm to 350mm in various thicknesses.

For each grade, the non-woven abrasive material is available in Silicon Carbide "SF" and Aluminium Oxide "AF". Different specifications are produced by varying the amount and density of the abrasive grain.

Specification breakdown

A typical specification for a MASTER convolute wheel which would be prefixed with the dimensions is as follows:

MA	8	SF
Grade	Density	Abrasive type/grain
VA – very aggressive	6-7	SF – Silicon Carbide, Fine
MA – medium aggressive	8	SM – Silicon Carbide, Medium
LA – low aggressive	9	AF – Aluminium Oxide, Fine
NA – non-aggressive	10	AM – Aluminium Oxide, Medium

Applications

- Deburring all metals, including stainless steel and titanium
- Fine finishing of precision components
- Blending turbine blades
- Linear finishes on stainless steels
- Decorative finishes on brass and aluminium