

# Data Sheet

## A 24 N Supra Kronenflex® cutting-off wheels for Stainless steel



### Class Supra

Aggressiveness

Service life

Bond

### Applications

Stainless steel

Aluminium

They deliver a high removal rate when used for work on

- **stainless steel** and
- aluminium.






When used with a hardness that perfectly matches the application at hand, they achieve high aggressiveness and a long service life. They are used in combination with handheld **angle grinders**.



### What is the significance of a cutting-off wheel's hardness?

The hardness of the cutting-off wheel is defined as the resistance the combination of bonding agent and abrasive grain exerts against grain shedding. When paired with an **angle grinder**, the cutting-off wheel will remove material from the workpiece. The work process causes the grain on the wheel to become dull and crumble off. The exhausted grain should break out of the bond to allow the user to work with new grain at all times. The harder the material to be processed, the softer the **Kronenflex cutting-off wheel** needs to be. If the bond is too hard, the aggressiveness of the cutting-off wheel will drop quickly. This decline will cause the wheel to heat up and glaze. The A 24 N Supra is a soft **Kronenflex cutting-off wheel** that is ideally suited for a hard material such as **stainless steel**.

### The right way to store cutting-off wheels

The **Kronenflex cutting-off wheels** come with an expiration date that is indicated on the metal ring at the centre of the discs. Once this date has elapsed, the wheels must no longer be used in combination with **angle grinders**.

Diameter in mm	Thickness in mm	Bore in mm	Form	Vmax in m/s	Max. RPM in rpm	structural shape	characteristic	machine type	Cat.number
180	3	22,23		80	8.500	flat	SUPRA	angle grinder	13455
230	3	22,23		80	6.600	flat	SUPRA	angle grinder	13463
180	3	22,23		80	8.500	depressed centre	SUPRA	angle grinder	13469
230	3	22,23		80	6.600	depressed centre	SUPRA	angle grinder	13477
150	2,5	22,23		80	10.200	depressed centre	SUPRA	angle grinder	235377

125	2,5	22,23		80	12.200	depressed centre	SUPRA angle grinder	2951
115	2,5	22,23		80	13.300	depressed centre	SUPRA angle grinder	3020