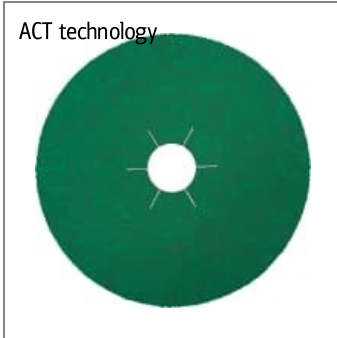


# Data Sheet

## FS 966 ACT Fibre discs for Stainless steel

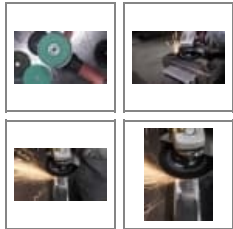


### Applications

Stainless steel

### Properties

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Close



### Klingspor FS 966 ACT – highly aggressive fibre disc for processing stainless steel

The **fibre disc** FS 966 ACT by Klingspor can handle even the most challenging jobs. Designed for grinding **stainless steel**, it stands out primarily with its

- high abrasive performance,
- long service life
- and self-sharpening effect thanks to its microcrystalline

structure. It also comes with a multibond that prevents the formation of annealing colours. These **fibre discs** are available in a multitude of sizes and grits.

#### Aggressive and long-lasting: self-sharpening ceramic aluminium oxide

The **fibre disc** FS 966 ACT produces immaculate results over a long period of time as it retains its aggressive abrasive performance throughout its entire service life. Exceptional stock removal is guaranteed by **ceramic** aluminium oxide, a sharp-edge and pointed abrasive grain this is hard and exceedingly tough. Better still, **ceramic** aluminium oxide is self-sharpening thanks to its microcrystalline structure. After turning blunt, the topmost point of a grain will break off, making room for a new sharp-edged point. This self-sharpening effect is responsible for the extended service life this **fibre disc** is sure to deliver. Closely coated, the abrasive grain of the **fibre disc** FS 966 ACT covers nearly the entire surface of the disc. This close coating gives another boost to service life and ensures that the disc will produce flawless results every time when grinding **stainless steel**. Another notable property of this disc is the exceptional grit adhesion that is provided by the top coat made of synthetic resin. Unlike natural bonding agents, this coat delivers enhanced grit adhesion and also distinguishes itself with its superior strength.

#### No annealing colours thanks to multibond

Its **green multibond** ensures that the **fibre disc** FS 966 ACT will always deliver cool grinding performance. This type of bonding is achieved by furnishing the abrasive with an additional coating. This coating lowers the temperature at the grain points and prevents chips from sticking to the abrasive grain. This prevents the formation of heat-induced discolouration when the disc is used for grinding **stainless steel**. Finally, the coating also boosts service life, leading to a reduced consumption of abrasives.

Diameter in mm	Bore in mm	Grit	Vmax in m/s	Max. RPM in rpm	Type of coated abrasives	bore shape	Cat.number
115	22	36	80	13.300	FS 966	star shaped hole	316490
115	22	40	80	13.300	FS 966	star shaped hole	316491
115	22	60	80	13.300	FS 966	star shaped hole	316492

115	22	80	80	13.300	FS 966	star shaped hole	316493
125	22	36	80	12.200	FS 966	star shaped hole	316494
125	22	40	80	12.200	FS 966	star shaped hole	316495
125	22	60	80	12.200	FS 966	star shaped hole	316496
125	22	80	80	12.200	FS 966	star shaped hole	316497
180	22	36	80	8.500	FS 966	star shaped hole	316498
180	22	40	80	8.500	FS 966	star shaped hole	316499
180	22	60	80	8.500	FS 966	star shaped hole	316501
180	22	80	80	8.500	FS 966	star shaped hole	316502
125	22	24	80	12.200	FS 966	star shaped hole	318305
180	22	24	80	8.500	FS 966	star shaped hole	318352
115	22	50	80	13.300	FS 966	star shaped hole	318504
115	22	120	80	13.300	FS 966	star shaped hole	324237
180	22	120	80	8.500	FS 966	star shaped hole	324238
125	22	120	80	12.200	FS 966	star shaped hole	324239