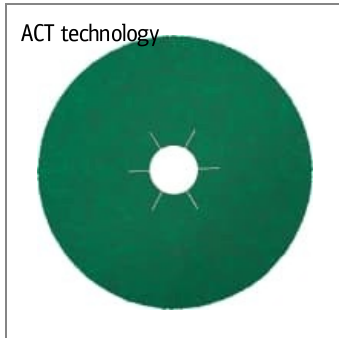


FS 966 ACT Fibre discs for Stainless steel

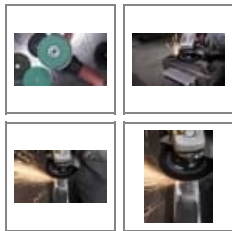


Applications

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 inch	Bore in inch	Grit	Vmax in m/s	Max. RPM in rpm	Type of coated abrasives	bore shape	Cat.number
4-1/2	7/8	36	80	13.300	FS 966	star shaped hole	316490
4-1/2	7/8	40	80	13.300	FS 966	star shaped hole	316491
4-1/2	7/8	60	80	13.300	FS 966	star shaped hole	316492

4-1/2	7/8	80	80	13.300	FS 966	star shaped hole	316493
5	7/8	36	80	12.200	FS 966	star shaped hole	316494
5	7/8	40	80	12.200	FS 966	star shaped hole	316495
5	7/8	60	80	12.200	FS 966	star shaped hole	316496
5	7/8	80	80	12.200	FS 966	star shaped hole	316497
7	7/8	36	80	8.500	FS 966	star shaped hole	316498
7	7/8	40	80	8.500	FS 966	star shaped hole	316499
7	7/8	50	80	8.500	FS 966	star shaped hole	316500
7	7/8	60	80	8.500	FS 966	star shaped hole	316501
7	7/8	80	80	8.500	FS 966	star shaped hole	316502
5	7/8	24	80	12.200	FS 966	star shaped hole	318305
7	7/8	24	80	8.500	FS 966	star shaped hole	318352
4-1/2	7/8	50	80	13.300	FS 966	star shaped hole	318504
4-1/2	7/8	24	80	13.300	FS 966	star shaped hole	318532
5	7/8	50	80	12.200	FS 966	star shaped hole	318655
4-1/2	7/8	120	80	13.300	FS 966	star shaped hole	324237
7	7/8	120	80	8.500	FS 966	star shaped hole	324238
5	7/8	120	80	12.200	FS 966	star shaped hole	324239
6	7/8	24	80	10.200	FS 966	star shaped hole	327163
6	7/8	36	80	10.200	FS 966	star shaped hole	317815
4	5/8	36	80	15.300	FS 966	round hole	318725
4	5/8	60	80	15.300	FS 966	round hole	318726
4	5/8	80	80	15.300	FS 966	round hole	318727
4	5/8	120	80	15.300	FS 966	round hole	324236