

Data Sheet

CS 561 Fibre discs for Steel, NF metals, Metals

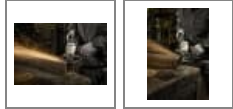


Applications

Steel	<input checked="" type="radio"/>
NF metals	<input checked="" type="radio"/>
Metals	<input checked="" type="radio"/>
Plastic	<input type="radio"/>
Stainless steel	<input type="radio"/>
Wood	<input type="radio"/>

Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close



Fibre disc CS 561 – grinding discs for high stock removal on steel and NF metal

CS 561 **fibre discs** for steel and NF **metal** deliver exceptionally high removal rates. Its synthetic resin bond makes this product particularly robust, durable and long-lasting. **Fibre discs** CS 561 are flexible, yet enormously powerful. Available in all diameters common in the industry, the CS 561 offers the largest selection of fibre discs included in Klingspor's product range. The wide selection of grit sizes turns the CS 561 into a highly versatile abrasive:

- **Metal,**
- NE metal,
- Plastic and
- Wood.

Structure of the fibre discs CS 561

This fibre disc is composed of a backing which is made of a multi-layer fibre composite material that comes with a closely coated **aluminium oxide** grain. The grains are bonded to the backing by an adhesive that is based on a synthetic resin.

Use of the fibre discs CS 561

The **fibre discs** CS 561 are designed for use on angle grinders. Its extensive selection of grit sizes makes the grinding disc CS 561 suitable for a wide range of applications. The medium and fine grit sizes allow for a high removal rate on steel and non-ferrous metal. The coarser grit sizes even allow the CS 561 to be used on wood or plastic. Its sturdy construction makes it possible to work at extremely high speeds.

The finish varies with the backing pad

The right choice of backing pad is paramount to achieving the desired finish. Customers can choose between two general types of backing pads:

- Backing pad ST 358 medium and smooth
- Backing pad ST 358 A hard and ribbed

Ideal for producing a uniform finish, the medium backing pad conforms flexibly to the contours of the workpiece. It is uniquely suited for finer grinding as well as for the grinding of contours and the rounding of edges. The CS 561 fitted on hard backing pads is the tool of choice for jobs that call for rough grinding at high removal rates. The hard backing pad is an exceptionally fine choice for deburring and chamfering edges.

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	16	80	13.300	CS 561	star shaped hole	10977
115	22	24	80	13.300	CS 561	star shaped hole	10978
115	22	30	80	13.300	CS 561	star shaped hole	10979
115	22	36	80	13.300	CS 561	star shaped hole	10980
115	22	40	80	13.300	CS 561	star shaped hole	10981
115	22	50	80	13.300	CS 561	star shaped hole	10982
115	22	60	80	13.300	CS 561	star shaped hole	10983
115	22	80	80	13.300	CS 561	star shaped hole	10984
115	22	100	80	13.300	CS 561	star shaped hole	10985
115	22	120	80	13.300	CS 561	star shaped hole	10986
115	22	150	80	13.300	CS 561	star shaped hole	10987
115	22	180	80	13.300	CS 561	star shaped hole	10988
115	22	220	80	13.300	CS 561	star shaped hole	10989
115	22	240	80	13.300	CS 561	star shaped hole	10990
115	22	320	80	13.300	CS 561	star shaped hole	10992
125	22	16	80	12.200	CS 561	star shaped hole	11009
125	22	24	80	12.200	CS 561	star shaped hole	11010
125	22	30	80	12.200	CS 561	star shaped hole	11011
125	22	36	80	12.200	CS 561	star shaped hole	11012
125	22	40	80	12.200	CS 561	star shaped hole	11013
125	22	50	80	12.200	CS 561	star shaped hole	11014
125	22	60	80	12.200	CS 561	star shaped hole	11015
125	22	80	80	12.200	CS 561	star shaped hole	11016
125	22	100	80	12.200	CS 561	star shaped hole	11017
125	22	120	80	12.200	CS 561	star shaped hole	11018
125	22	150	80	12.200	CS 561	star shaped hole	11019
125	22	180	80	12.200	CS 561	star shaped hole	11020
125	22	220	80	12.200	CS 561	star shaped hole	11021
125	22	240	80	12.200	CS 561	star shaped hole	11022
125	22	320	80	12.200	CS 561	star shaped hole	11024
150	22	24	80	10.200	CS 561	star shaped hole	11042
150	22	36	80	10.200	CS 561	star shaped hole	11044
150	22	40	80	10.200	CS 561	star shaped hole	11045
150	22	60	80	10.200	CS 561	star shaped hole	11047
150	22	80	80	10.200	CS 561	star shaped hole	11048
150	22	120	80	10.200	CS 561	star shaped hole	11050
180	22	16	80	8.500	CS 561	star shaped hole	11057
180	22	24	80	8.500	CS 561	star shaped hole	11058
180	22	36	80	8.500	CS 561	star shaped hole	11060
180	22	40	80	8.500	CS 561	star shaped hole	11061
180	22	50	80	8.500	CS 561	star shaped hole	11062
180	22	60	80	8.500	CS 561	star shaped hole	11063
180	22	80	80	8.500	CS 561	star shaped hole	11064
180	22	100	80	8.500	CS 561	star shaped hole	11065

180	22	120	80	8.500	CS 561	star shaped hole	11066
180	22	180	80	8.500	CS 561	star shaped hole	11068
180	22	240	80	8.500	CS 561	star shaped hole	11070
180	22	320	80	8.500	CS 561	star shaped hole	11072
115	22	80	80	13.300	CS 561	round hole	25472
100	16	16	80	15.300	CS 561	round hole	65708
100	16	24	80	15.300	CS 561	round hole	65713
100	16	36	80	15.300	CS 561	round hole	65718
100	16	40	80	15.300	CS 561	round hole	65720
100	16	50	80	15.300	CS 561	round hole	65725
100	16	60	80	15.300	CS 561	round hole	65730
100	16	80	80	15.300	CS 561	round hole	65735
100	16	120	80	15.300	CS 561	round hole	65743
115	22	16	80	13.300	CS 561	round hole	66302
115	22	36	80	13.300	CS 561	round hole	66308
115	22	50	80	13.300	CS 561	round hole	66313
115	22	60	80	13.300	CS 561	round hole	66318
115	22	100	80	13.300	CS 561	round hole	66322
115	22	120	80	13.300	CS 561	round hole	66327
125	22	16	80	12.200	CS 561	round hole	66354
125	22	24	80	12.200	CS 561	round hole	66358
125	22	36	80	12.200	CS 561	round hole	66364
125	22	40	80	12.200	CS 561	round hole	66366
125	22	50	80	12.200	CS 561	round hole	66371
125	22	60	80	12.200	CS 561	round hole	66376
125	22	100	80	12.200	CS 561	round hole	66379
125	22	120	80	12.200	CS 561	round hole	66383
180	22	16	80	8.500	CS 561	round hole	66443
180	22	24	80	8.500	CS 561	round hole	66451
180	22	36	80	8.500	CS 561	round hole	66459
180	22	80	80	8.500	CS 561	round hole	66465
180	22	100	80	8.500	CS 561	round hole	66469
180	22	120	80	8.500	CS 561	round hole	66472
235	22	24	80	6.500	CS 561	round hole	66497
235	22	36	80	6.500	CS 561	round hole	66502
235	22	40	80	6.500	CS 561	round hole	66504
235	22	60	80	6.500	CS 561	round hole	66511
235	22	80	80	6.500	CS 561	round hole	66514
125	22	80	80	12.200	CS 561	round hole	70439
180	22	40	80	8.500	CS 561	round hole	70447
180	22	50	80	8.500	CS 561	round hole	70448
180	22	60	80	8.500	CS 561	round hole	70449
115	22	40	80	13.300	CS 561	round hole	72192
115	22	24	80	13.300	CS 561	round hole	72298