

Data Sheet

CS 561 Fibre discs for Steel, NF metals, Metals

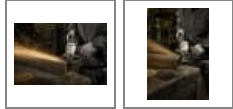


Applications

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 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	16	80	13.300	CS 561	star shaped hole	10977
4-1/2	7/8	24	80	13.300	CS 561	star shaped hole	10978
4-1/2	7/8	36	80	13.300	CS 561	star shaped hole	10980
4-1/2	7/8	40	80	13.300	CS 561	star shaped hole	10981
4-1/2	7/8	50	80	13.300	CS 561	star shaped hole	10982
4-1/2	7/8	60	80	13.300	CS 561	star shaped hole	10983
4-1/2	7/8	80	80	13.300	CS 561	star shaped hole	10984
4-1/2	7/8	100	80	13.300	CS 561	star shaped hole	10985
4-1/2	7/8	120	80	13.300	CS 561	star shaped hole	10986
4-1/2	7/8	180	80	13.300	CS 561	star shaped hole	10988
4-1/2	7/8	220	80	13.300	CS 561	star shaped hole	10989
4-1/2	7/8	240	80	13.300	CS 561	star shaped hole	10990
4-1/2	7/8	320	80	13.300	CS 561	star shaped hole	10992
5	7/8	16	80	12.200	CS 561	star shaped hole	11009
5	7/8	24	80	12.200	CS 561	star shaped hole	11010
5	7/8	36	80	12.200	CS 561	star shaped hole	11012
5	7/8	40	80	12.200	CS 561	star shaped hole	11013
5	7/8	50	80	12.200	CS 561	star shaped hole	11014
5	7/8	60	80	12.200	CS 561	star shaped hole	11015
5	7/8	80	80	12.200	CS 561	star shaped hole	11016
5	7/8	100	80	12.200	CS 561	star shaped hole	11017
5	7/8	120	80	12.200	CS 561	star shaped hole	11018
5	7/8	150	80	12.200	CS 561	star shaped hole	11019
5	7/8	180	80	12.200	CS 561	star shaped hole	11020
5	7/8	220	80	12.200	CS 561	star shaped hole	11021
5	7/8	240	80	12.200	CS 561	star shaped hole	11022
5	7/8	320	80	12.200	CS 561	star shaped hole	11024
6	7/8	24	80	10.200	CS 561	star shaped hole	11042
6	7/8	36	80	10.200	CS 561	star shaped hole	11044
6	7/8	40	80	10.200	CS 561	star shaped hole	11045
6	7/8	60	80	10.200	CS 561	star shaped hole	11047
6	7/8	80	80	10.200	CS 561	star shaped hole	11048
6	7/8	120	80	10.200	CS 561	star shaped hole	11050
7	7/8	16	80	8.500	CS 561	star shaped hole	11057
7	7/8	24	80	8.500	CS 561	star shaped hole	11058
7	7/8	36	80	8.500	CS 561	star shaped hole	11060
7	7/8	40	80	8.500	CS 561	star shaped hole	11061
7	7/8	50	80	8.500	CS 561	star shaped hole	11062
7	7/8	60	80	8.500	CS 561	star shaped hole	11063
7	7/8	80	80	8.500	CS 561	star shaped hole	11064
7	7/8	100	80	8.500	CS 561	star shaped hole	11065
7	7/8	120	80	8.500	CS 561	star shaped hole	11066
7	7/8	150	80	8.500	CS 561	star shaped hole	11067
7	7/8	180	80	8.500	CS 561	star shaped hole	11068

7	7/8	220	80	8.500	CS 561	star shaped hole	11069
7	7/8	240	80	8.500	CS 561	star shaped hole	11070
7	7/8	320	80	8.500	CS 561	star shaped hole	11072
4	5/8	16	80	15.300	CS 561	round hole	65708
4	5/8	24	80	15.300	CS 561	round hole	65713
4	5/8	36	80	15.300	CS 561	round hole	65718
4	5/8	40	80	15.300	CS 561	round hole	65720
4	5/8	50	80	15.300	CS 561	round hole	65725
4	5/8	60	80	15.300	CS 561	round hole	65730
4	5/8	80	80	15.300	CS 561	round hole	65735
9-1/4	7/8	24	80	6.500	CS 561	round hole	66497
9-1/4	7/8	36	80	6.500	CS 561	round hole	66502
9-1/4	7/8	40	80	6.500	CS 561	round hole	66504
9-1/4	7/8	60	80	6.500	CS 561	round hole	66511
9-1/4	7/8	80	80	6.500	CS 561	round hole	66514
9-1/4	7/8	100	80	6.500	CS 561	round hole	66517
9-1/4	7/8	120	80	6.500	CS 561	round hole	66520