

Data Sheet



CS 561 Fibre discs for Steel, NF metals, Metals

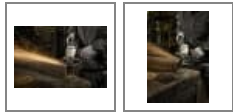


Applications

Steel	●
NF metals	●
Metals	●
Plastic	○
Stainless steel	○
Wood	○

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	Cat.number	Availability
115	22	16	80	13.300	10977	
115	22	24	80	13.300	10978	
115	22	30	80	13.300	10979	
115	22	36	80	13.300	10980	
115	22	40	80	13.300	10981	
115	22	50	80	13.300	10982	
115	22	60	80	13.300	10983	
115	22	80	80	13.300	10984	
115	22	100	80	13.300	10985	
115	22	120	80	13.300	10986	
115	22	150	80	13.300	10987	
115	22	180	80	13.300	10988	
115	22	220	80	13.300	10989	
115	22	240	80	13.300	10990	
115	22	320	80	13.300	10992	
125	22	16	80	12.200	11009	
125	22	24	80	12.200	11010	
125	22	30	80	12.200	11011	
125	22	36	80	12.200	11012	
125	22	40	80	12.200	11013	
125	22	50	80	12.200	11014	
125	22	60	80	12.200	11015	
125	22	80	80	12.200	11016	
125	22	100	80	12.200	11017	
125	22	120	80	12.200	11018	
125	22	150	80	12.200	11019	
125	22	180	80	12.200	11020	
125	22	220	80	12.200	11021	
125	22	240	80	12.200	11022	
125	22	320	80	12.200	11024	
150	22	24	80	10.200	11042	
150	22	36	80	10.200	11044	
150	22	40	80	10.200	11045	
150	22	60	80	10.200	11047	
150	22	80	80	10.200	11048	
150	22	120	80	10.200	11050	
180	22	16	80	8.500	11057	
180	22	24	80	8.500	11058	
180	22	36	80	8.500	11060	
180	22	40	80	8.500	11061	
180	22	50	80	8.500	11062	
180	22	60	80	8.500	11063	
180	22	80	80	8.500	11064	
180	22	100	80	8.500	11065	
180	22	120	80	8.500	11066	

180	22	180	80	8.500	11068
180	22	240	80	8.500	11070
180	22	320	80	8.500	11072
115	22	80	80	13.300	25472
100	16	16	80	15.300	65708
100	16	24	80	15.300	65713
100	16	36	80	15.300	65718
100	16	40	80	15.300	65720
100	16	50	80	15.300	65725
100	16	60	80	15.300	65730
100	16	80	80	15.300	65735
100	16	100	80	15.300	65739
100	16	120	80	15.300	65743
115	22	16	80	13.300	66302
115	22	36	80	13.300	66308
115	22	50	80	13.300	66313
115	22	60	80	13.300	66318
115	22	100	80	13.300	66322
115	22	120	80	13.300	66327
125	22	16	80	12.200	66354
125	22	24	80	12.200	66358
125	22	36	80	12.200	66364
125	22	40	80	12.200	66366
125	22	50	80	12.200	66371
125	22	60	80	12.200	66376
125	22	100	80	12.200	66379
125	22	120	80	12.200	66383
180	22	16	80	8.500	66443
180	22	24	80	8.500	66451
180	22	36	80	8.500	66459
180	22	80	80	8.500	66465
180	22	100	80	8.500	66469
180	22	120	80	8.500	66472
235	22	24	80	6.500	66497
235	22	36	80	6.500	66502
235	22	40	80	6.500	66504
235	22	60	80	6.500	66511
235	22	80	80	6.500	66514
125	22	80	80	12.200	70439
180	22	40	80	8.500	70447
180	22	50	80	8.500	70448
180	22	60	80	8.500	70449
115	22	40	80	13.300	72192
115	22	24	80	13.300	72298