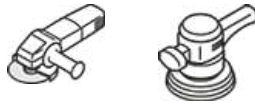


Data Sheet



PS 21 FK Discs with paper backing, self-fastening for Steel, Stainless steel, Metals



Applications

Steel



Stainless steel



Metals



Properties

Bonding agent

Resin

Grain

Zirconia alumina

Coating

Close

Backing

F-paper

Perfect for rough and finish sanding on stainless steel – the Klingspor abrasive disc PS 21 FK

Klingspor has formulated the recipe for the **abrasive disc PS 21 FK** such that it will produce optimal results during rough and finish sanding on stainless steel. This abrasive is also an excellent choice for work on **steel** and metals. Its most distinguishing features are its

- aggressive abrasive performance and
- its long service life.

Klingspor makes the **abrasive disc PS 21 FK** available in a great number of different grit sizes. It also comes in a wide selection of diameters.

The PS 21 FK – hard, extra tough and self-sharpening zirconia on a paper backing

The Klingspor **abrasive disc PS 21 FK** is fastened by a **hook and loop** connection, making it a cinch to fit it on a sander with hook and loop backing pads. It is furnished with a backing made of heavy F-weight paper. The abrasive grain is applied to this backing. Consisting of **zirconia**, this abrasive is made synthetically - just as all other grains used by Klingspor. The synthetic manufacturing process preserves the product's high quality and exceptional characteristics. **Zirconia** is hard, exceedingly tough and possesses a uniform, crystalline structure. Better yet, this aggressive grain is also self-sharpening. This feature allows the **abrasive disc** to deliver outstanding service life.

Closely coated abrasive grain – ideal for processing steel and metal

Klingspor equips the **abrasive disc PS 21 FK** with **zirconia** and applies it to the paper backing with a close coating. This coating ensures that the paper is covered almost completely with abrasive grain. The large number of grain points placed closely to each other allow for a high stock removal rate. What is more, the close coating extends the service life of the abrasive significantly. It is used primarily for abrasive sheets, discs, belts and other abrasives designed for work on **steel** and metal. Klingspor always uses a synthetic resin to bond the abrasive grain in place on the backing. An even stronger bond is achieved by the top bonding, which is also referred to as the size coat. Klingspor uses synthetic resin for all of their abrasives as it is marked by exceptional strength and adhesive force. The top binding also supports the abrasive grains against forces that act on them from the side during the sanding process. The quality and thickness of the base coat and top size coat, whose recipe Klingspor always formulates to match each product perfectly, also plays a major role in achieving excellent service life.

Diameter in mm

Grit

Hole pattern

Cat.number

| | | | |
|-----|-----|---------|--------|
| 150 | 40 | no hole | 230312 |
| 150 | 60 | no hole | 230313 |
| 150 | 80 | no hole | 230314 |
| 115 | 40 | no hole | 237224 |
| 125 | 60 | no hole | 237780 |
| 125 | 80 | no hole | 237781 |
| 125 | 120 | no hole | 237782 |
| 125 | 240 | no hole | 237785 |
| 150 | 150 | no hole | 239244 |
| 150 | 120 | no hole | 246488 |
| 125 | 40 | no hole | 246857 |
| 115 | 60 | no hole | 248808 |
| 115 | 150 | no hole | 248809 |
| 115 | 80 | no hole | 249326 |
| 115 | 120 | no hole | 249327 |
| 150 | 240 | no hole | 251509 |
| 115 | 240 | no hole | 255347 |
| 125 | 150 | no hole | 255348 |