

**Aluminium Oxide (A) linishing belt KK841F, 50×3500 mm, Grit: 180****Order data**

Order number	558170 180
GTIN	4018875016978
Item class	56V

**Description****Version:**

**Highly flexible linishing belt** with **Aluminium Oxide (A)**. Moulds ideally to the workpiece contours. The active grinding layer (**TOP size**) ensures cool grinding and which serves as a separation layer for materials which tend to smearing.

**Application:**

Ideally suited to **contour grinding** or **profile grinding** with concave or convex contact rollers. Particularly suitable for **chromium-nickel steel, high-alloy steel, nickel based alloys, brass and bronze** and also titanium and aluminium. Machining of fittings, fittings, turbine blades, very delicate parts, implants and surgical instruments. For use in **manual or robot grinding** on popular narrow linishing machines from IMM, Löser, Greif, Rema etc.

**Note:**

Other grit sizes, qualities, and dimensions are available on request in line with the manufacturer's minimum order quantities. Unless specified otherwise on the order, belts will be supplied with standard joints. See No. 568526ff for spare linishing belts for burnishing machines.

**Technical description**

Grit	180
------	-----

Series	KK841F
Grinding media	Standard aluminium oxide (A)
Grinding medium code	A
Iron, sulphur and chlorine constituents	< 0.1 %
Linishing belt width	50 mm
Linishing belt length	3500 mm
Product name attribute	50×3500 mm
Manufacturer's designation	KK841F
Type of product	Linishing belt

### User data

	Suitability	V <sub>c</sub>	ISO code
Alu Mg	suitable only under restricted conditions	35-40 m/s	
Steel < 900 N/mm <sup>2</sup>	suitable	32-38 m/s	P
Steel < 1400 N/mm <sup>2</sup>	suitable	20-25 m/s	P
Steel < 55 HRC	suitable	32-38 m/s	H
Steel < 60 HRC	suitable	25-30 m/s	H
Steel < 67 HRC	suitable	20-25 m/s	H
INOX	suitable	18-30 m/s	
Ti	suitable only under restricted conditions	10-20 m/s	
GG(G)	suitable	30-45 m/s	K
CuZn	suitable	35-45 m/s	N
dry	suitable		