

**Cubitron™ II fibre disc (CER) 987C, Ø 178 mm, Grit: 80****Order data**

Order number	566491 80
GTIN	30051141277432
Item class	53F

Description**Version:**

The grinding aid is an additive which ensures cool grinding without discolouration and reduces the need to add lubricants.

The precision-formed **high-performance abrasive grit** in 3M™ products consist of defined ceramic triangles optimally arranged on the grinding surface. **Greatly increased material removal rate** with very long working life. Even surface finish.

Extremely tear-resistant but very flexible **vulcanised fibre**. Bore diameter 22.23 mm and crossed slots.

Top type Cubitron™ II. Maximum material removal rate.

Application:

For the machining of **stainless steel, aluminium**, titanium and nickel alloys.

Limited to maximum 80 m/s circumferential speed with backing pads No. 566690 / 566692 on angle grinders. The quick-cutting grit permits **comfortable and ergonomic working** without the need to exert great pressure. At the same time the high removal rate of 3M™ fibre discs makes them a real alternative to roughing discs and flap discs.

Technical description

Grit	80
Disc Ø	178 mm
Series	Cubitron™II
Grinding media	Cubitron™ II
Grinding medium code	Ceramic
Grinding media backing	Vulcanised fibre
Iron, sulphur and chlorine constituents	< 0.1 %
Product name attribute	Ø 178 mm
Bore Ø	22.23 mm
optimised for material	Aluminium
optimised for material	INOX
maximum circumferential speed	80 m/s
maximum speed	8500 min ⁻¹
Type of product	Fibre disc

User data

	Suitability	V _c	ISO code
Alu Mg	suitable		
Steel < 900 N/mm ²	suitable		
Steel < 1400 N/mm ²	suitable		
Steel < 55 HRC	suitable		
Steel < 60 HRC	suitable		
Steel < 67 HRC	suitable		
INOX	suitable		
Ti	suitable		
GG(G)	suitable		
CuZn	suitable		
dry	suitable		

Accessories

Backing padhard/ribbed External Ø 180 mm	566672 180
Fibre disc backing padhard/ribbed External Ø 180 mm	566690 180
Fibre disc backing padflexible/smooth External Ø 180 mm	566692 180