



Cutting disc SG STEELOX EXTRA THIN, Disc Ø: 178 mm



Order data

Order number	563430 178
GTIN	4007220807729
Item class	55T

Description

Version:

- **Grit, bonding, abrasive additives as well as reinforcement of the cut-off discs are optimised for maximum cutting performance and working life in their respective applications.**
- **Thin cutting discs (0.8 mm / 1.0 mm / 1.6 mm) specially suited for quick burr-free cutting with low thermal stress. On older angle grinders please ensure discs are precisely centred! Cutting discs from 2.0 mm disc thickness exhibit increased lateral stability, stiffness and service life.**
- **Shapes: Cutting discs flat (shape 41) or with depressed centre (shape 42).**

Extra thin cutting disc for very quick low-burr cutting with low thermal stress and easy ergonomic cut guidance.

High-performance cutting disc **SG high-performance range** with very high cutting performance and long service life (hardness R).

Application:

For freehand cutting using electric and pneumatic angle grinders with maximum 80 m/s peripheral cutting speed v_c .

Specification:

A46R-SG-STEELOX.

Note:

The disc thickness should be at least 20% of the material thickness to be cut. For stainless steel, use cutting discs at reduced speed.

maximum circumferential speed: 80 m/s

Shape description: flat

Bore Ø: 22.23 mm

Shape description: flat

Disc thickness: 1.6 mm

Bore Ø: 22.23 mm

Technical description

Shape description	flat
Shape	41
Disc thickness	1.6 mm
Bore Ø	22.23 mm
maximum speed	8600 rpm
Specification	A46R-SG-INOX
Disc Ø	178 mm
Grinding medium code	A
Iron, sulphur and chlorine constituents	< 0.1 %
recommended approach angle	90 degrees
optimised for material	INOX
optimised for material	Steel
maximum circumferential speed	80 m/s
Type of product	Cutting-off wheel

Accessories

Pair of clamping flanges Flange Ø 76 mm	563990 76
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