



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



Order data

Order number	563435 178
GTIN	4007220581230
Item class	55T

Description

Version:

- **Grit, bonding, abrasive additives as well as reinforcement of the cutting 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.

General-purpose PSF-Line cutting discs for cutting off sections, pipes etc.

Application:

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

Specification:

A46P-PSF-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.

Technical description

Bore Ø	22.23 mm
Shape description	flat
maximum speed	12200 min ⁻¹
Disc Ø	178 mm
Disc thickness	1.6 mm
Specification	A46P-PSF-STEELUX
for material thicknesses	7.7 - 8 mm
Grinding medium code	A
Iron, sulphur and chlorine constituents	< 0.1 %
recommended approach angle	90 degrees
optimised for material	Steel
optimised for material	HSS
Propulsive equipment	Angle grinders
maximum circumferential speed	80 m/s
Type of product	Cutting disc

User data

	Suitability	V _c	ISO code
Alu Mg	suitable only under restricted conditions		
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 only under restricted conditions
CuZn	suitable only under restricted conditions
Plastic, GRP	suitable only under restricted conditions
Uni	suitable only under restricted conditions
dry	suitable