

46015 - 46016

Sanding disc dressing tools

46015

Hand grip with sanding roller

Design

- Rotating, replaceable quality steel abrasive rollers with U-shaped teeth
- High stability and strength due to crimped support washers between the serrated washers
- Axle with nipple for pressure lubrication
- Support lugs for consistent roller application
- Panel to protect against sparks
- High-grade wooden handle

Applications

For dressing and sharpening medium-sized and large sanding discs.

46016

Replacement sanding rollers



Roller width mm	Roller Ø mm	Grip length mm	Number of serrated washers	Ø x width max. mm	For sanding discs		Surface speed max. m/s	Hand grip		Replacement sanding roller	
					Grain			46015	...	46016	...
12	36	285	3	200 x 38	24 - 80		30		101		101
24	55	435	4	200-500 x 63	24 - 80		50		102		102
50	55	435	8	200-500 x 102	24 - 80		50		103		103

46020 - 46021

Sanding disc dressing tools

Design

- With combined ball and plain bearings, for clockwise/anti-clockwise rotation
- Hammering dressing cutter manufactured from hardened steel, low wear since any sanding effect is eliminated by adjusted surface speed

Sanding disc dressing tool	For sanding disc Ø mm	Length mm	46020	...	46021	...
including hammer cutter	250-400	315		101		
including normal cutter	over 400 *	360				101

* in particular rough grinding discs

Replacement cutter	External Ø mm	Internal Ø mm	Hole Ø mm	46020	...	46021	...
Hammer cutter	49	23	18		102		
Normal cutter	71	38	35				102



46210 - 46211

Sanding disc dressing tools

46210

Design

- Rotating silicon carbide dresser rotator
- On ball bearings
- Interchangeable
- Size 0 and 1 with fracture guard sleeve

Applications

For precise turning, shaping and sharpening of even the smallest, thinnest-walled sanding discs with edge thicknesses for peripheral edge and face from 0.5 mm without chipping of the edges.

Size 00:

Discs up to approx. 100 mm Ø, small sanding block, sanding tips.

Size 0:

Tool sanding discs up to approx. 200 mm Ø.

Size 1:

Tool sanding discs up to approx. 250 mm Ø, profile sanding discs up to approx. 300 mm Ø.

Note:

The prescribed profile angle of the rotator must be maintained. Dressing action superior to that of diamonds!

46211

Replacement rotator



Size	Rotator Ø mm	Grip length mm	Dressing tool		Replacement rotator	
			46210	...	46211	...
00	35	100		101		101
0	45	230		102		102
1	55	230		103		103

46201

Sanding disc dressing stick (diamond saving dresser)

Design

- With handle

Applications

For dressing, profiling, roughening and sharpening fine-grained sanding discs.

46201



Material	Length approx. mm	Stick Ø approx. mm	46201	...
Silicon carbide	400	20		101

46402 - 46406

Single dressing diamonds

46402

Dressing diamond

Design

- Mounted in Morse taper shank 1

Applications

For dressing and profiling sanding discs.

46406

Hand grip

Design

- MK 1

- With plastic grip

- Size 17 x 235 mm

Applications

For manual honing. Also suitable for multi-grain dressing diamonds cat. no. 46420.

46402



46406



Note:

An ample, uninterrupted supply of coolant is required at all times during disc dressing. There is a danger of cracking if dressing is performed dry. Diamonds are sensitive to sudden fluctuations in temperature, impact and shock.

Diamond weight Carat	For sanding disc Ø approx. mm	Dressing diamond		Hand grip	
		46402	...	46406	...
1/3	200		102		
1/2	300		103		
3/4	400		104		
1	500		105		
-	-				101

46420

Multi-grain dressing diamonds

Design

- Diamond cylinder mounted in Morse taper shank 1

Applications

For straight dressing of the peripheral edges and faces of medium and coarse-grain sanding discs with large chip volumes.

Note:

A strong, continuous supply of coolant extends the service life. Grip for manual honing, see cat. no. 46406.

46420



Carat	For sanding disc grains	Diamond cylinder Ø x height mm	Diamond-studded mm	46420	...
1.0	80-120	8 x 12	8 Ø x 4		101
1.0	46-80	8 x 12	8 Ø x 4		102
1.0	36-46	8 x 12	8 Ø x 4		103
2.5	80-120	8 x 12	8 Ø x 11		104
2.5	46-80	8 x 12	8 Ø x 11		105

46425

Diamond multi-grain hand dressing tool



Applications

For dressing sanding discs, grain size 60 and finer, on grinding machines without a diamond honing device.

Note:

Dressing is also possible without cooling thanks to the selected natural diamonds enclosed in sintered metal.

46425 101



46425 102



Applications	Diamond coating	Coating area mm	Total length approx. mm	46425	...
For peripheral wheels	front face	30 x 10	220		101
For cup wheels	side	30 x 10	220		102