

46015 - 46016

Dressing Tools

46015

Hand grip with sharpening roller

Type

With rotatable, interchangeable sharpening rollers made of quality steel with channel section. High stability and strength thanks to corrugated support discs between the sharpening rollers. Axle with lubricating nipple. Support section for equal positioning the roller. Guard plate against sparks. Handle made of exotic wood.

Use

For dressing and sharpening medium and large grinding wheels.

46016

Spare sharpening rollers



Roller width mm	Roller Ø mm	Grip length mm	Number of Toothed wheel	For grinding wheels			Peripheral speed max. m/s	Hand grip		Spare sharpening roller	
				Ø x width max. mm	Grit			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

Dressing Tools

Type

With combined ball and sliding bearings, for right- and left-hand rotation. Hammering, dressing cutter made of hardened steel, low wear, since any grinding effect is eliminated by matched peripheral speeds.

Grinding wheel dresser	for grinding wheels Ø mm	length mm	46020	...	46021	...
incl. hammer milling cutter	250 - 400	315	#		101	
incl. normal milling cutter	over 400 *	360			#	101

* In particular, roughing grinding wheels

Spare milling cutters	Outer Ø mm	Inner Ø mm	bore Ø mm	46020	...	46021	...
Hammer milling cutters	49	23	18			102	
Normal milling cutters	71	38	35				102



46201

Grinding Wheel Dressing Stick (Diamond Saver)

Type

With handle

Use

For dressing, shaping, roughing and sharpening fine-grained grinding wheels.

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



46210 - 46211

Dressing Tools

46210

Type

Rotating silicon carbide dresser rotator, on ball bearings, interchangeable, sizes 0 and 1 with fracture guard sleeve.

Use

For precise truing, shaping and sharpening of even the smallest and thinnest grinding wheels, edge thicknesses for peripheral edge and face from 0,5 mm without chipping of the edges.

Size 00:

Wheels up to approx. 100 mm Ø, small grinding elements, grinding points.

Size 0:

Tool grinding wheels up to approx. 200 mm Ø.

Size 1:

Tool grinding wheels up to approx. 250 mm Ø, profile grinding wheels up to approx. 300 mm Ø.

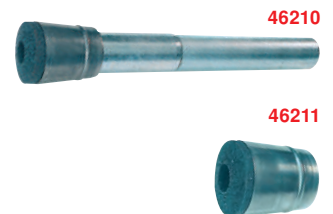
Note:

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

46211

Spare rotator

Size	Rotator Ø mm	Holder length mm	Dresser		Spare rotator	
			46210	...	46211	...
00	35	100			101	101
0	45	230			102	102
1	55	230			103	103

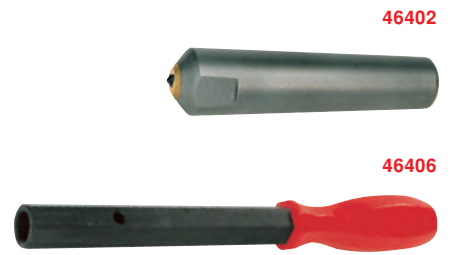


46402 - 46406 Single diamond dresser

46402
Diamond dresser
Type
Mounted in Morse taper shank 1.
Use
For dressing and profiling grinding wheels.

46406
Hand grip
Type
MT 1, with plastic handle, size 17 x 235 mm.
Use
For manual dressing. Suitable also for diamond-studded dresser cat.-no. 46420.

Note:
Always cool generously and continuously when dressing grinding wheels. Dry dressing can cause cracks in the wheel. Diamonds are sensitive to sudden temperature fluctuations, impacts and shocks.



Diamond weight Carat	for grinding wheel Ø approx. mm	Diamond dresser		Hand grip	
		46402	...	46406	...
1/3	200		102		
1/2	300		103		
3/4	400		104		
1	500	#	105		
-	-				101

46420 Diamond-Studded Dressers

Type
Diamond cylinder mounted in morse taper shank 1.
Use
For straight dressing of periphery and faces of grinding wheels, medium and coarse grit with high stock removal rate.

Note:
Extended service life thanks to a strong, continuous coolant feed. Holder for manual dressing see cat.-no. 46406.

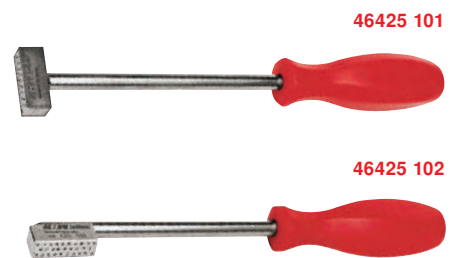


Carat	for grinding wheel Grit	Diamond cylinder Ø x height mm	Diamond-studded mm	46420	...
1,0	80 - 120	8 x 12	8 Ø x 4	#	101
1,0	46 - 80	8 x 12	8 Ø x 4		102
1,0	36 - 46	8 x 12	8 Ø x 4	#	103
2,5	80 - 120	8 x 12	8 Ø x 11		104
2,5	46 - 80	8 x 12	8 Ø x 11		105

46425 Diamond-Studded Hand Dressers

HHW
Use
For dressing grinding wheels, grit 60 and finer, on grinding machines without diamond truing feature.

Note:
The large diamond-studded surface permits dressing even without cooling.



Use	Diamond coating	Coating area mm	Overall length approx. mm	46425	...
For profiling wheels	Face side	30 x 10	220		101
For cup wheels	Lateral	30 x 10	220		102

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Performance requires quality