

46012 - 46013 Dressing Tools

46012

Hand grip with sharpening roller

Type

With rotatable, exchangeable steel sharpening roller hardened axle with inserted case-hardened steel pins.

Application

Light pressure against the rotating grinding wheel breaks out the used abrasive, making the wheel sharp and true- running.

46013

Spare sharpening rollers



Roll width mm	Roller sharpening roller mm	Hand grip		Spare roller	
		46012	...	46013	...
30	11	102		102	
40	11	103		103	
50	11	104		104	

Roll width mm	Roller sharpening roller mm	Hand grip		Spare roller	
		46012	...	46013	...
60	11	105		105	
80	14	106		106	

46015 - 46016 Dressing Tools

46015

Hand grip with sharpening roller

Type

With rotatable, exchangeable sharpening rollers made of quality steel with channel section. High stability and strength thanks to wavy support discs between the sharpening rollers. Axle with lubricating nipple. Support section for equal positioning the

roller. Protection sheet against sparks. Handle made of exotic wood.

Application

For dressing and sharpening medium and big-sized grinding wheels.

46016

Spare sharpening rollers



Dresser width mm	Roll Ø mm	Holder length mm	Number of sharpening rollers	Ø x width max. mm	Grit	Peripheral speed max. m/s	Hand grip		Spare roller	
							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.

46020 101

Dressing tools

Type

315 mm long, complete with hammering cutter (outside Ø 49 mm, inside Ø 23 mm, boring Ø 18 mm). For grinding wheels 250-400 mm Ø.

46020 102

Hammering cutter

46021 101

Dressing tools

Type

360 mm long, complete with standrad cutter (outside Ø 71 mm, inside Ø 38 mm, boring Ø 35 mm).

For grinding wheels above 400 mm Ø, particularly for roughing discs.

46021 102

Standard cutter

46020	...	46021	...
101		101	
102		102	



46201 Dressing Rod Tools

Type

With handle, material: silicon carbide. Ø approx. 20 mm.

Application

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

Length ca. mm	46201	...
400	101	



46203 Dressing Tools

TETRABOR®

46203 101

Dressers

46203	...
Dresser	101
holder	102

Type

6 x 12 x 75 mm, **without holder**. Made of pure sintered-in boron carbide, with extreme hardness and wear-resistance.

Application

For grinding wheels up to 300 mm Ø, particularly for shaped wheels.

46203 102

Holder with wooden handle



• Dressing Tools • Studded Dressers • Brushes

46210 - 46211

Dressing Tools

46210

Type

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

Application

For precise truing, shaping and sharpening of even the smallest and thinnest grinding wheels peripheral edge and face as of 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 preset 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-Point Diamond Dressers

46402

Diamond dresser

Type

Mounted in morse taper shank 1.

Application

For dressing and shaping grinding wheels.

46406

Hexagonal holder

Type

MT 1, with plastic handle, size 17x 235mm.

Application

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 Karats	for Grinding wheels approx. mm	Diamond dresser		Hexagonal holder	
		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.

Application

For straight dressing of periphery and faces of grinding wheels with 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.

Karats	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



Type

Diamond-studded surface 30 x 10 mm, Total length approx. 220 mm.

Application

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.

46425 101

For peripheral wheels

46425 102

For cup wheels

Diamond coating	46425	...
on face	101	
lateral	102	

