



**DR. WILH. MÜLLER  
DIAMANTMETALL**

## Diamond dressing tools

Dresser

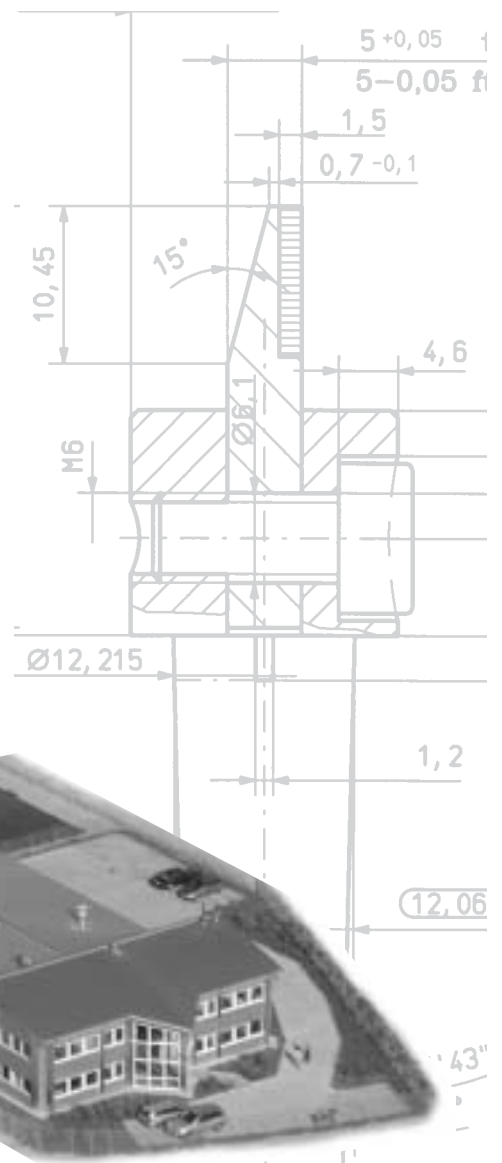
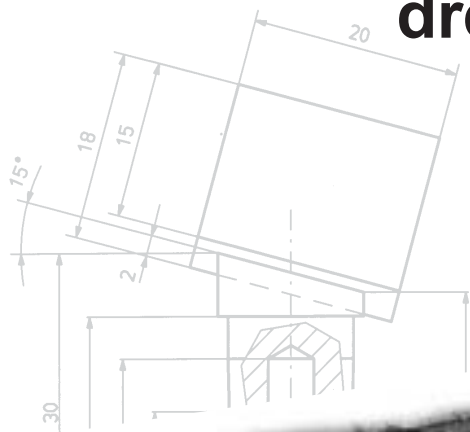


Our quality is your success!



# DR. WILH. MÜLLER DIAMANTMETALL

## Diamond dressing tools



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# General information

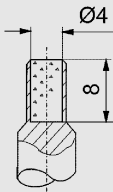
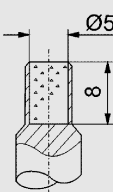
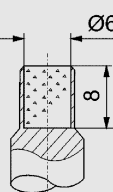
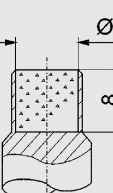

## Diamond dressing tools

- permit an economical dressing of corundum and silicon carbide grinding wheels
- are manufactured with special diamond types and different diamond sizes in wear-resistant tungsten carbide and tungsten bonds
- provide - owing to many diamond points simultaneously participating in the dressing operation - well engaging grinding wheels and short dressing times because a high dressing infeed and a high lateral dressing advance are possible

Should you not be able to find in our comprehensive manufacturing programme the diamond dressers desired by you, please contact us ■

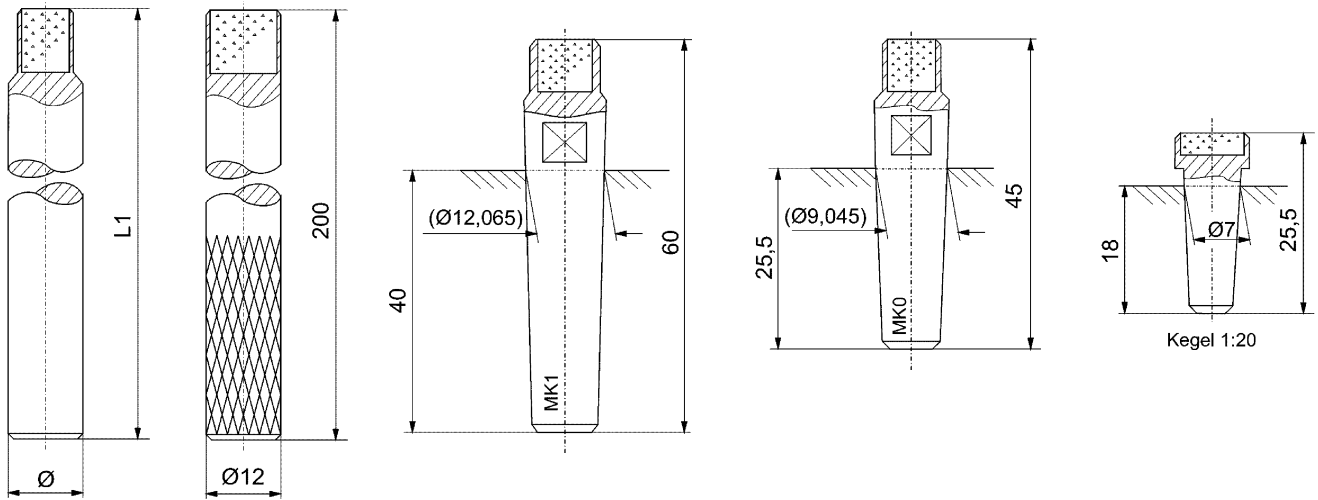
# Diamond partial grit dressing tool

- with crushed natural grit - permitting many diamond points to be in operation at the same time
- for the fast dressing of straight grinding wheel surfaces
- for average to very fine grinding wheel grit sizes
- particularly for the sharp-edge dressing of grinding wheels with a low effective roughing depth

Diamond insert dimensions mm	Design				for grinding wheel grit size	for grinding wheel dimensions in Ø and width
	Order-No.	Bond	Diamond grit	Carat		
	<b>TK 40 -</b> <b>TK 41 -</b> <b>TK 42 - shank</b> <b>TK 43 - spec.</b> <b>TK 44 -</b> <b>TK 46 -</b>	BZ, W or H BZ, W or H BZ, W or H W or H W or H W or H	D 64 D 91 D 126 D 213 D 301 D 426	0,6	320 - 600 220 - 320 180 - 220 120 - 180 100 - 120 80 - 100	up to Ø 100 width up to 40 [mm]
	<b>TK 50 -</b> <b>TK 51 -</b> <b>TK 52 - shank</b> <b>TK 53 - spec.</b> <b>TK 54 -</b> <b>TK 55 -</b> <b>TK 56 -</b>	BZ, W or H BZ, W or H BZ, W or H W or H W or H W or H W or H	D 64 D 91 D 126 D 213 D 301 D 426 D 601	1,0	320 - 600 220 - 320 180 - 220 120 - 180 100 - 120 80 - 100 60 - 80	up to Ø 200 width up to 40 [mm]
	<b>TK 60 -</b> <b>TK 61 -</b> <b>TK 62 -</b> <b>TK 63 - shank</b> <b>TK 64 - spec.</b> <b>TK 65 -</b> <b>TK 66 -</b> <b>TK 67 -</b>	BZ, W or H BZ, W or H BZ, W or H W or H W or H W or H W or H W or H	D 64 D 91 D 126 D 213 D 301 D 426 D 601 D 711	1,3	320 - 600 220 - 320 180 - 220 120 - 180 100 - 120 80 - 100 60 - 80 54 - 60	up to Ø 400 width up to 40 [mm]
	<b>TK 80 -</b> <b>TK 81 -</b> <b>TK 82 -</b> <b>TK 83 - shank</b> <b>TK 84 - spec.</b> <b>TK 85 -</b> <b>TK 86 -</b> <b>TK 87 -</b>	BZ, W or H BZ, W or H BZ, W or H W or H W or H W or H W or H W or H	D 64 D 91 D 126 D 213 D 301 D 426 D 601 D 711	2,6	320 - 600 220 - 320 180 - 220 120 - 180 100 - 120 80 - 100 60 - 80 54 - 60	from Ø 400 width up to 40 [mm]
	<b>TK 100 -</b> <b>TK 101 -</b> <b>TK 102 -</b> <b>TK 103 - shank</b> <b>TK 104 - spec.</b> <b>TK 105 -</b> <b>TK 106 -</b> <b>TK 107 -</b>	BZ, W or H BZ, W or H BZ, W or H W or H W or H W or H W or H W or H	D 64 D 91 D 126 D 213 D 301 D 426 D 601 D 711	5,0	320 - 600 220 - 320 180 - 220 120 - 180 100 - 120 80 - 100 60 - 80 54 - 60	from Ø 400 width up to 40 [mm]
Specifications for ordering: Order-No., bond and shank specifications, e.g. TK106W-MK1						

BZ (bronze) bond = for low dressing pressure with fine grinding wheel grit sizes  
 W (tungsten) bond = for aluminium oxyde wheels      H (hard metal) bond = for silicon carbide wheels

## Shank examples for TK dressers



Other shank designs are possible - please let us have your specifications and/or drawing

## Operating position of the TK dressers



## Guidelines for use of TK dressers

Dressing infeed: 0,005 - 0,03 mm  
Lateral dressing advance: 0,05 - 0,5 mm / rotation

The effective roughing depth of the grinding wheel surface is ensured by varying the lateral dressing advance.

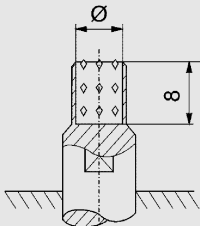
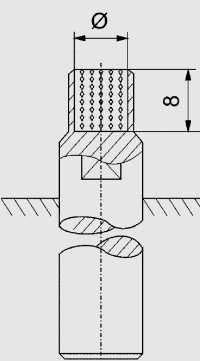
The TK dressing tools should be vibration-free and clamped as short as possible.

Good coolant supply during dressing will result in considerable increase of the TK dressing tool lifetime. Brief dry dressing is possible to a limited extent.

Dressing is carried out at normal grinding wheel speed ■

# Diamond multi-stone dressers

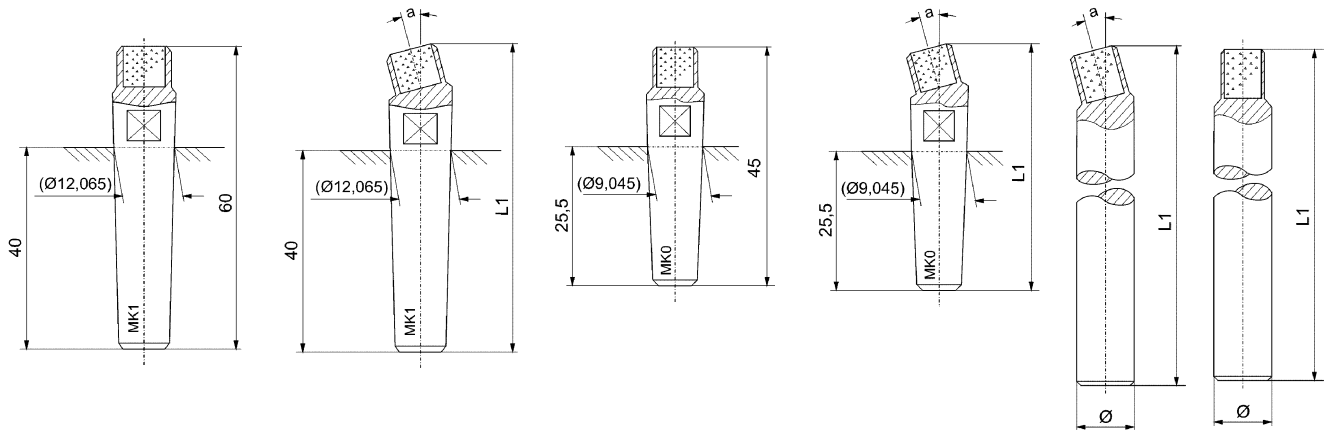
- with uncrushed natural grit
- for coarse and medium grinding-wheel grit sizes
- for the rapid dressing of straight grinding wheel faces of all dimensions
- for very high dressing speeds and well-engaging grinding wheels, due to many larger diamonds being in operation at the same time

Diamond insert dimensions mm	Ø x width	Design				for grinding wheel grit size	for grinding wheel dimensions in Ø a. width
		Order-No.	Bond	Diamond design	Carat		
	10 x 7	<b>VS 90 - shank spec.</b>	W	9 diamonds per carat in 3 layers with 3 diamonds each	1,0	24 - 36	up to Ø 400 width up to 250 [mm]
			or				
	8 x 4	<b>VS 210 -</b>	W	approx. 20 diamonds per carat, uniformly distributed	1,0	36 - 46	up to Ø 400 width up to 250 [mm]
	10 x 7	<b>VS 225 - shank spec.</b>	or				
	10 x 12	<b>VS 250 -</b>	H				
	8 x 4	<b>VS 410 -</b>	W	approx. 40 diamonds per carat, uniformly distributed	1,0	46 - 60	up to Ø 400 width up to 250 [mm]
	10 x 7	<b>VS 425 - shank spec.</b>	or				
	10 x 12	<b>VS 450 -</b>	H				
	8 x 4	<b>VS 610 -</b>	W	approx. 60 diamonds per carat, uniformly distributed	1,0	60 - 80	up to Ø 400 width up to 250 [mm]
	10 x 7	<b>VS 625 - shank spec.</b>	or				
	10 x 12	<b>VS 650 -</b>	H				

Specifications for ordering: Order No., bond and shank specification, e.g. VS450H-MK1

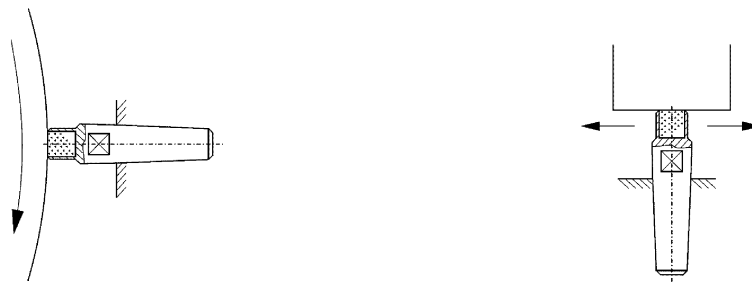
W (tungsten) bond = for aluminium oxide wheels      H (hard metal) bond = for silicon carbide wheels

## Shank examples for VS dressers



When placing your order, please indicate the inclination angle  $a$  and the dimension  $L_1$ .  
Other shank designs are possible - please let us have your specifications and/or drawing.

## Operating position of the VS dressers



## Guidelines for use of VS dressers

Dressing infeed: 0,01 - 0,05 mm  
Lateral dressing advance: 0,3 - 1,0 mm / rotation

The effective roughing depth of the grinding wheel surface is influenced by varying the lateral dressing advance.

The VS dressing tools should be clamped vibration-free and as short as possible.

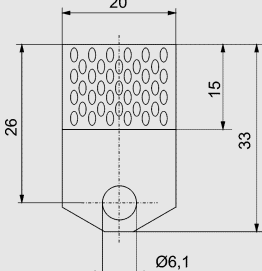
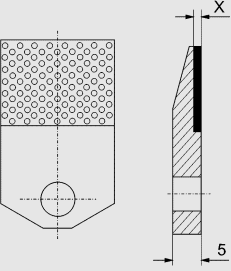
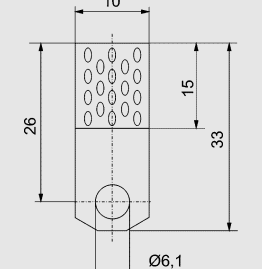
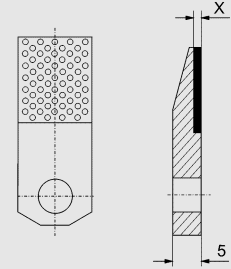
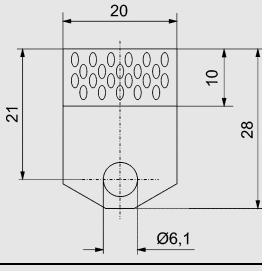
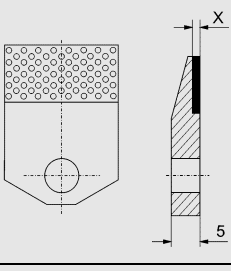
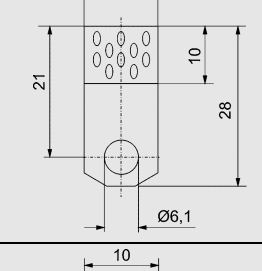
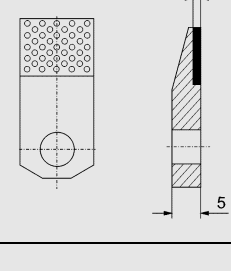
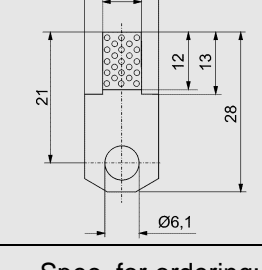
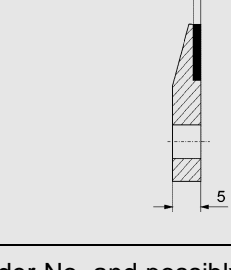
Through a good coolant supply during dressing, the useful life of the VS dressing tools is increased considerably. A brief dry dressing is possible to a limited extent.

Dressing is carried out at normal grinding wheel speed ■



## Diamond dressing plates standard design

- for dressing and profiling grinding wheel faces
- suited for profiling thanks to uniformly narrow working edge. Thus, the use of expensive single dressing diamonds is avoided.
- for use in a large number of dressing devices by means of different holders

Dimensions mm		Order-No.	x mm	Diamond design	for grinding wheel grit size	for grinding wheel dimensions in Ø a. width
APN	APS					
		APN 2015/H	1,8	needle-shaped diamonds hand-set	46 - 80	Ø 500 up to ∞
		APS 2015 G/W	1,5	uncrushed natural grit, set according to plan	36 - 60	
		APS 2015 F/W	1,0	uncrushed natural grit, set according to plan	80 and finer	[mm]
		APN 1015/H	1,8	needle-shaped diamonds hand-set	46 - 80	Ø 150-500
		APS 1015 G/W	1,5	uncrushed natural grit, set according to plan	36 - 60	
		APS 1015 F/W	1,0	uncrushed natural grit, set according to plan	80 and finer	[mm]
		APN 2010/H	1,8	needle-shaped diamonds hand-set	46 - 80	Ø 500 up to ∞
		APS 2010 G/W	1,5	uncrushed natural grit, set according to plan	36 - 60	
		APS 2010 F/W	1,0	uncrushed natural grit, set according to plan	80 and finer	[mm]
		APN 1010/H	1,8	needle-shaped diamonds hand-set	46 - 80	Ø 150-500
		APS 1010 G/W	1,5	uncrushed natural grit, set according to plan	36 - 60	
		APS 1010 F/W	1,0	uncrushed natural grit, set according to plan	80 and finer	[mm]
		APS 5/12 G/W	1,5	uncrushed natural grit, set according to plan	36 - 60	Ø up to 150 width up to 100 [mm]
		APS 5/12 F/W	1,0	uncrushed natural grit, set according to plan	80 and finer	

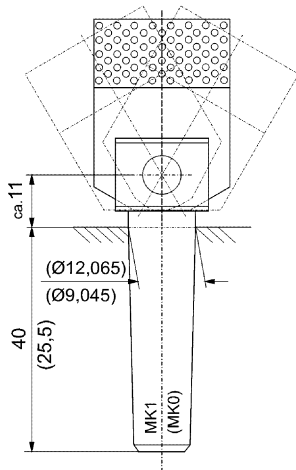
Spec. for ordering: Order No. and possibly shank spec. or holder, e.g. APN 2015/H MK1 swivel holder

W (tungsten) bond  
H (hard metal) bond

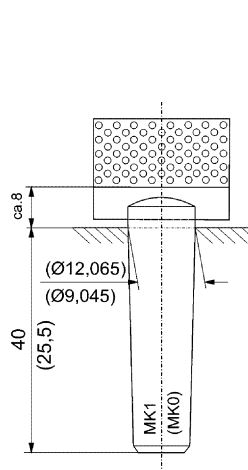
= for aluminium oxide wheels  
= for silicon carbide wheels and similar wear-resistant abrasives

## Shank examples for AP dressing plates

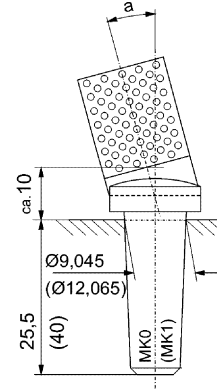
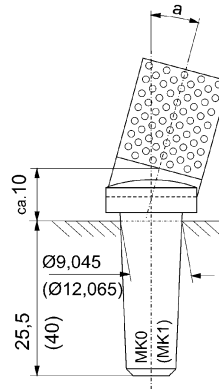
MK1 or MK0  
swivel holder



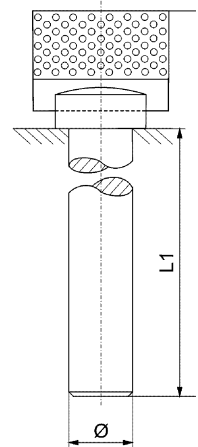
MK1 or MK0  
rigid shank, straight



MK0 or MK1  
swivel holder inclined to left - inclined to right

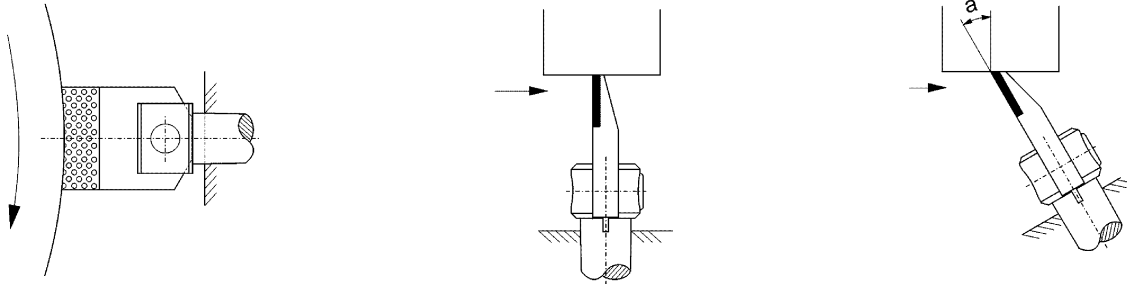


cylindrical  
rigid shank



When placing your order, please state the inclination angle  $a$ .  
Other shank designs are possible - please let us have your specifications and/or drawing.

## Operating position of the AP dressing plates



## Guidelines for use of AP dressing plates

Dressing infeed: 0,01 - 0,03 mm  
Lateral dressing advance: 0,05 - 0,5 mm / rotation

The effective roughing depth of the grinding wheel surface is influenced by varying the lateral dressing advance.

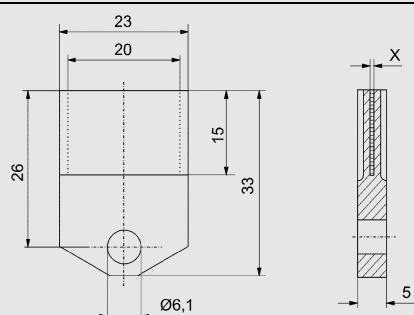
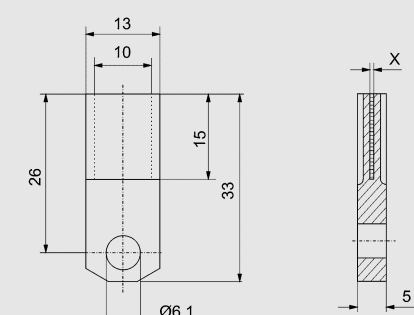
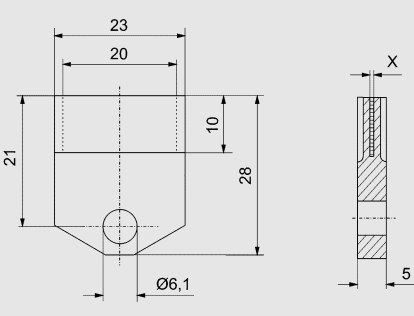
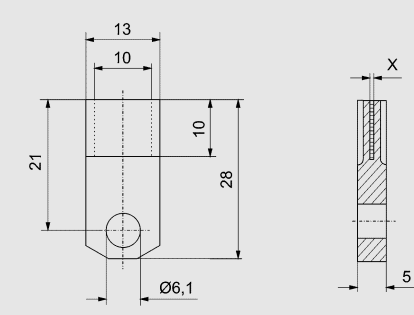
The AP dressing tools should be clamped vibration-free and as short as possible.

Good coolant supply during dressing will result in considerable increase of the AP dressing tool lifetime. Brief dry dressing is possible to a limited extent.

Dressing is carried out at normal grinding wheel speed ■

## Diamond dressing plates centric design

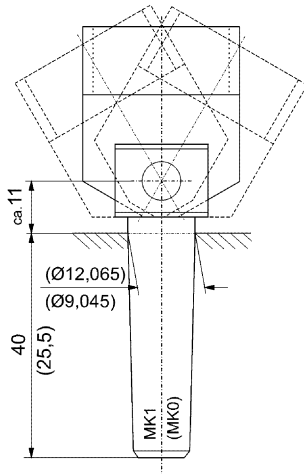
- specially suited for profiling grinding wheels thanks to centrally held uniformly narrow working edge for high loads from both sides
- for use in a large number of dressing devices by means of different holders

Dimensions mm	Order-No.	x mm	Diamond design	for grinding wheel grit size	for grinding wheel dimensions in Ø a. width
	<b>APN/Z 2015/H</b>	1,8	needle-shaped diamonds hand-set	46 - 80	Ø 500 up to ∞
	<b>APS/Z 2015 G/H</b>	1,5	uncrashed natural grit, set according to plan	36 - 60	width 200-350
	<b>APS/Z 2015 F/H</b>	1,0	uncrashed natural grit, set according to plan	80 and finer	[mm]
	<b>APN/Z 1015/H</b>	1,8	needle-shaped diamonds hand-set	46 - 80	Ø 150-500
	<b>APS/Z 1015 G/H</b>	1,5	uncrashed natural grit, set according to plan	36 - 60	width 100-200
	<b>APS/Z 1015 F/H</b>	1,0	uncrashed natural grit, set according to plan	80 and finer	[mm]
	<b>APN/Z 2010/H</b>	1,8	needle-shaped diamonds hand-set	46 - 80	Ø 500 up to ∞
	<b>APS/Z 2010 G/H</b>	1,5	uncrashed natural grit, set according to plan	36 - 60	width 200-350
	<b>APS/Z 2010 F/H</b>	1,0	uncrashed natural grit, set according to plan	80 and finer	[mm]
	<b>APN/Z 1010/H</b>	1,8	needle-shaped diamonds hand-set	46 - 80	Ø 150-500
	<b>APS/Z 1010 G/H</b>	1,5	uncrashed natural grit, set according to plan	36 - 60	width 100-200
	<b>APS/Z 1010 F/H</b>	1,0	uncrashed natural grit, set according to plan	80 and finer	[mm]
Spec. for ordering: Order No. and possibly shank spec. or holder, e.g. APN/Z 2015/H MK1 swivel holder					

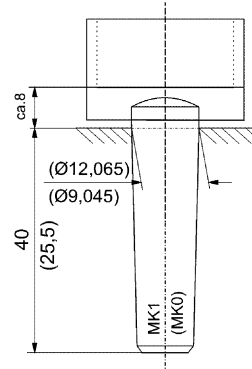
H (hard metal) bond = primarily for silicon carbide wheels and similar wear-resistant abrasives

## Shank examples for AP/Z dressing plates

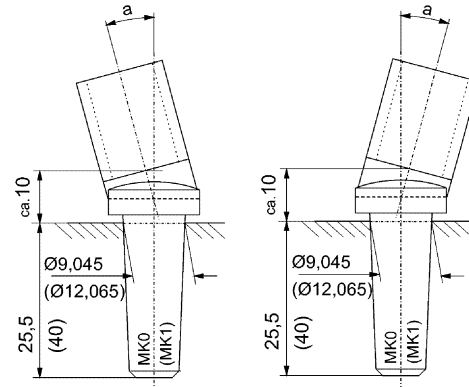
MK1 or MK0  
swivel holder



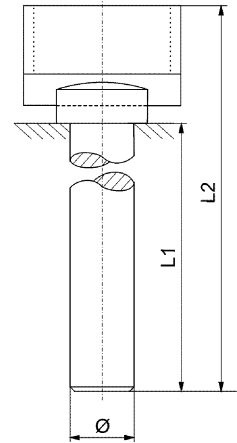
MK1 or MK0  
rigid shank, straight



MK0 or MK1  
swivel holder inclined to left - inclined to right

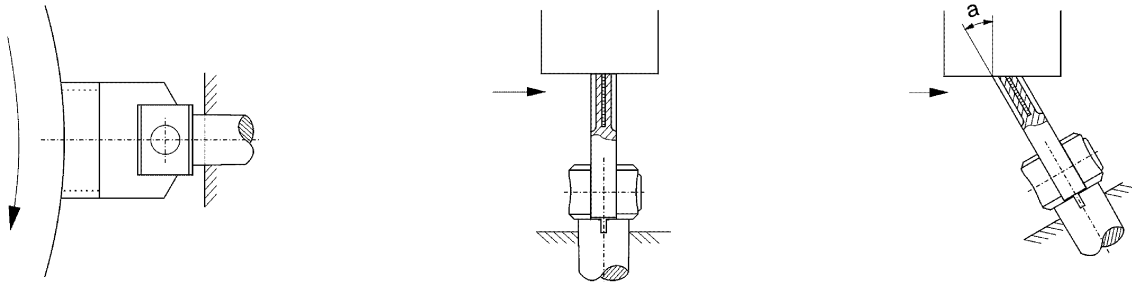


cylindrical  
rigid shank



When placing your order, please indicate the inclination angle a.  
Other shank designs are possible - please forward your specifications and drawing.

## Operating position of the AP/Z dressing plates



## Guidelines for use of AP/Z dressing plates

Dressing infeed: 0,01 - 0,03 mm  
Lateral dressing advance: 0,05 - 0,5 mm / rotation

The effective roughing depth of the grinding wheel surface is influenced by varying the lateral dressing advance.

The AP dressing tools should be clamped vibration-free and as short as possible.

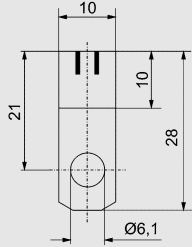
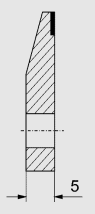
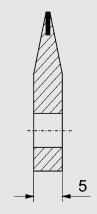

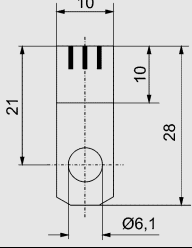
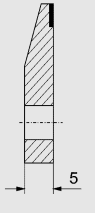
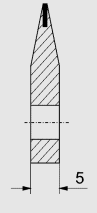

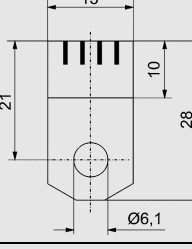
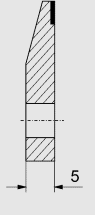
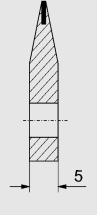

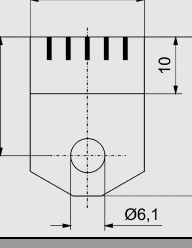

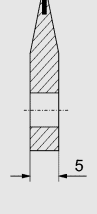

Good coolant supply during dressing will result in considerable increase of the AP/Z dressing tool lifetime. Brief dry dressing is possible to a limited extent.

Dressing is carried out at normal grinding wheel speed ■

## High-duty dressing plates with monocrystalline diamond needles

■ uniform effective roughing depth, high profile accuracy

■ primarily for dressing and profiling sintered corundum and silicon carbide wheels

Dimensions mm	Design		Diamond arrangement	Needle dimension	Code	suited for dressing grinding wheels of grit size
	N	Z				
				0,4 x 0,4 x 4	1	120 and finer
				0,6 x 0,6 x 5	2	80 - 120
				0,8 x 0,8 x 5	3	46 - 80
				1,0 x 1,0 x 5	4	under 46
				0,4 x 0,4 x 4	1	120 and finer
				0,6 x 0,6 x 5	2	80 - 120
				0,8 x 0,8 x 5	3	46 - 80
				1,0 x 1,0 x 5	4	under 46
				0,4 x 0,4 x 4	1	120 and finer
				0,6 x 0,6 x 5	2	80 - 120
				0,8 x 0,8 x 5	3	46 - 80
				1,0 x 1,0 x 5	4	under 46
				0,4 x 0,4 x 4	1	120 and finer
				0,6 x 0,6 x 5	2	80 - 120
				0,8 x 0,8 x 5	3	46 - 80
				1,0 x 1,0 x 5	4	under 46

### Guidelines for APMK dressing plates

Dressing infeed: 0,01 - 0,03 mm  
Lateral dressing advance: 0,05 - 0,5 mm / rotation

The effective roughing depth of the grinding wheel surface is influenced by varying the lateral dressing advance.

The APMK dressing tools should be clamped vibration-free and as short as possible.

Good coolant supply during dressing will result in considerable increase of the APMK dressing tool lifetime. Brief dry dressing is possible to a limited extent.

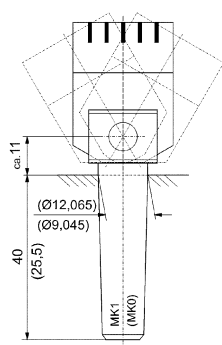
Dressing is carried out at normal grinding wheel speed ■

The manufacture of special dimensions is possible.  
Please let us have your inquiry.

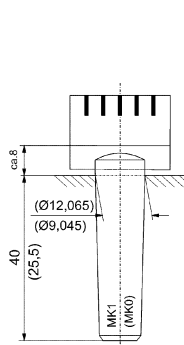
for grinding wheel diameters	wheel width	Order-No.	
		design N	design Z
up to Ø 300 mm	up to 50 mm	APMK 102 N1 APMK 102 N2 APMK 102 N3 APMK 102 N4	APMK 102 Z1 APMK 102 Z2 APMK 102 Z3 APMK 102 Z4
up to Ø 300 mm	up to 80 mm	APMK 103 N1 APMK 103 N2 APMK 103 N3 APMK 103 N4	APMK 103 Z1 APMK 103 Z2 APMK 103 Z3 APMK 103 Z4
Ø 300 - 600 mm	up to 150 mm	APMK 154 N1 APMK 154 N2 APMK 154 N3 APMK 154 N4	APMK 154 Z1 APMK 154 Z2 APMK 154 Z3 APMK 154 Z4
over Ø 600 mm	up to 220 mm	APMK 205 N1 APMK 205 N2 APMK 205 N3 APMK 205 N4	APMK 205 Z1 APMK 205 Z2 APMK 205 Z3 APMK 205 Z4

## Shank examples for APMK dressing plates

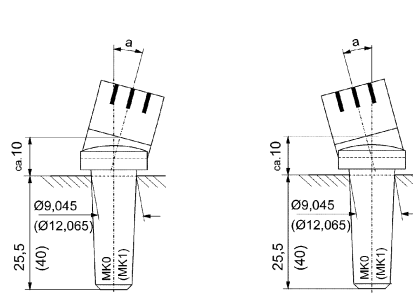
MK1 or MK0  
swivel holder



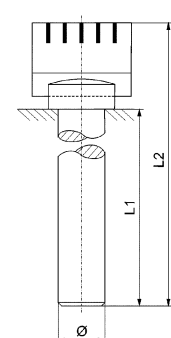
MK1 or MK0  
rigid shank, straight



MK0 or MK1  
swivel holder inclined to left - inclined to right

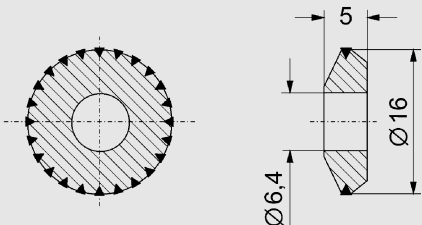
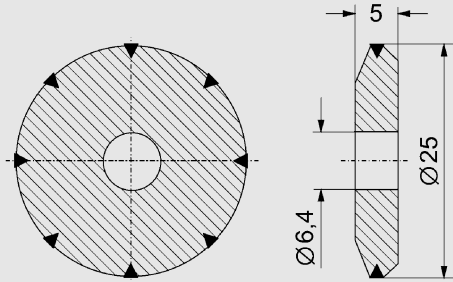
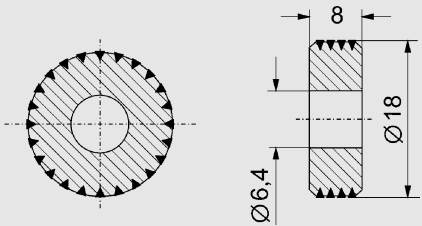


cylindrical  
rigid shank

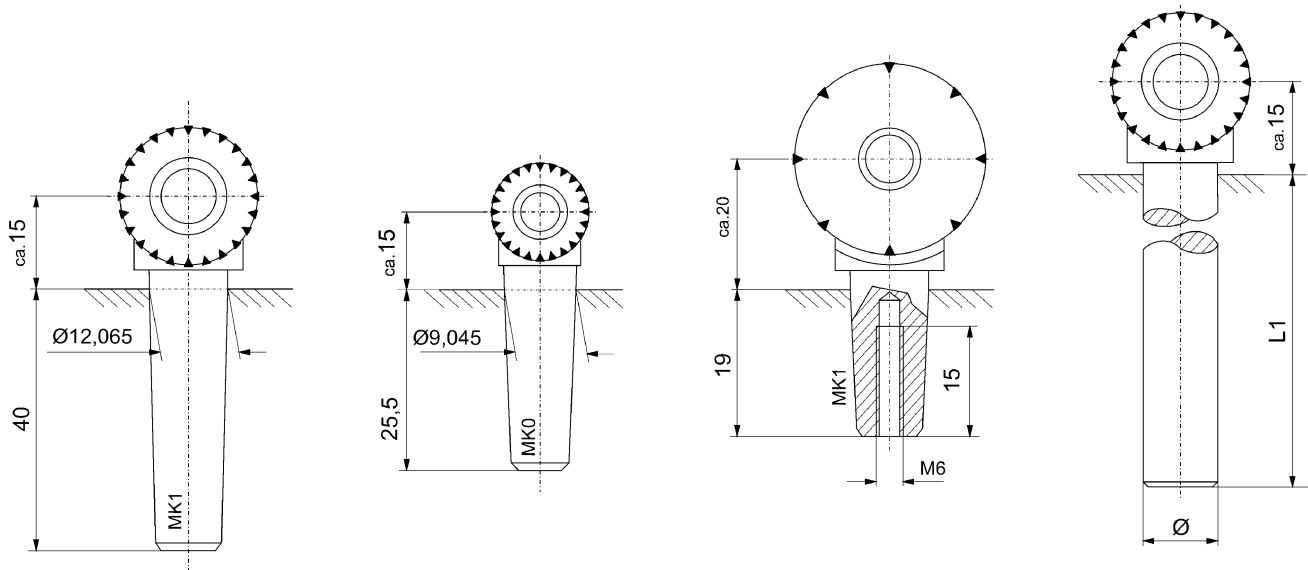


## Diamond dressing wheels

- for the rapid dressing of straight grinding wheel faces
- can be used completely if, after total wear of the diamond range in contact, the dressing wheel is turned up to contact with the next diamond range, and so on until having been fully turned.
- for coarse and medium grinding-wheel grit sizes
- Typs AR100P and AR200P suited for profiling

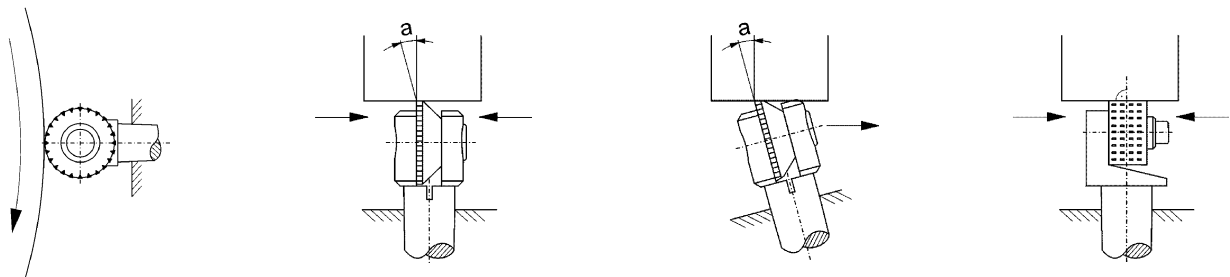
dimensions mm	Order-No.	Carat	for grinding wheels
	AR 75	0,75 needle diamonds	up to Ø 100 inside grinding tools for grit 60-100
	AR 100 P  AR 200 P	1 8 triangle diamonds  2 12 triangle diamonds	for profiling, for grit 46-100
	AR 200 G AR 200 M AR 200 F	2 2 2 needle diamonds	up to Ø 500 for grit 36-54 for grit 60-80 for grit 80-300
Specifications for ordering: Order-No. and possibly holder e. g. AR 500 M-MK1			

## Shank examples for AR dressing wheels



When placing your order, please indicate the dimensions  $L_1$  and  $\emptyset$ .  
Other shaft designs are possible - please let us have your specifications resp. drawing.

## Operating position of the AR dressing wheels



## Guidelines for use of AR dressing wheels

for AR75 - AR200P: Dressing infeed: 0,01 - 0,05 mm  
Lateral dressing advance: 0,3 - 1,0 mm / rotation

for AR200G - AR500F: Dressing infeed: 0,01 - 0,03 mm  
Lateral dressing advance: 0,05 - 0,5 mm / rotation

The effective roughing depth of the grinding wheel surface is influenced by varying the lateral dressing advance.

The AR dressing wheels should be clamped vibration-free and as short as possible.

Good coolant supply during dressing will result in considerable increase of AR dressing wheels lifetime. Brief dry dressing is possible to a limited extent.

Dressing is carried out at normal grinding wheel speed ■

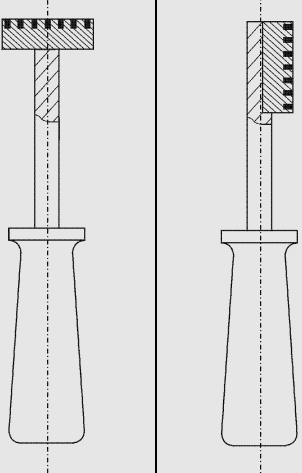
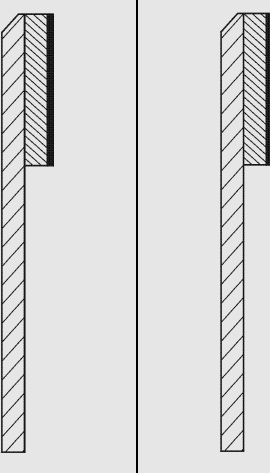
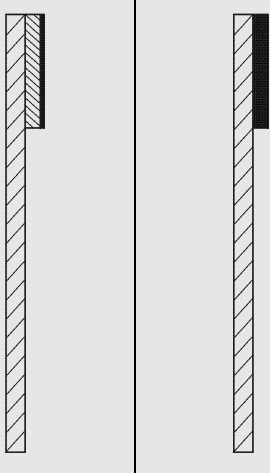


## Manual diamond dresser

- robust designs for rapidly dressing or cleaning grinding wheels on machines without any truing devices, for instance wheel stands, etc.
- types HT 30 and HT 40 particularly for dressing grinding wheels on optical profile grinding machines

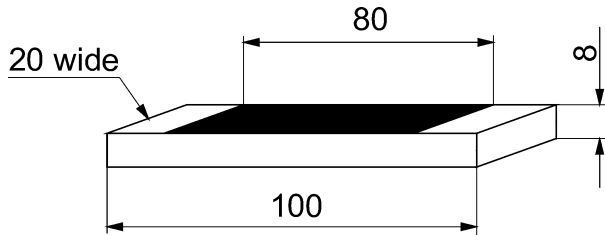
## Manual diamond lapping tool

- for the fine and extremely fine dressing of diamond-, CBN and ceramic grinding wheels (e.g. on optical profile grinding machines)

Order-No.		Order-No.		Order-No.	
HT 10	HT 20	HT 30	HT 40	HLB 346 HLB 364	HLK 315 HLK 346 HLK 364 HLK 391
				Bronze bond	Resin bond
					
Diamond layer dimensions		Diamond layer dimensions		Diamond layer dimensions	
30 x 10 mm		40 x 6 x 1,5 mm	40 x 6 x 1 mm	30 x 10 x 1 mm	30 x 10 x 2 mm
for grinding wheel grit size		for grinding wheel grit size		Diamond concentration	
36 - 80		54 - 100	120 and finer	C 100	C 50
Diamond content in carat		Diamond content in carat		Diamond grit sizes	
1,5 uncrushed diamond set in rows in 1 layer		2,5 diamond grit size D426	1,5 diamond grit size D126	D46 = HLB 346 D64 = HLB 362	D15 = HLK 315 D46 = HLK 346 D64 = HLK 364 D91 = HLK 391
shank dimensions		shank dimensions		shank dimensions	
200 mm overall length		Alu 6 x 6 x 150 mm overall length		Alu 10 x 5 x 150 mm overall length	
Specifications for ordering: Order-No., e.g. HT 30 or HLB 364 or HLK 315					

Other dimensions on request  
Delivery ex stock

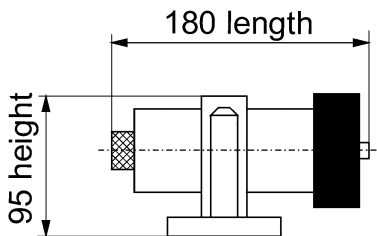
## Whetplate



Diamond whetplate in electro-plated S-bond for dressing from case of resin-bonded CBN wheels on plain grinding-machines.

Design	Order-No.
D A Z L - D 301	L010

## Dressing device

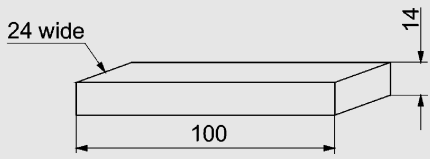
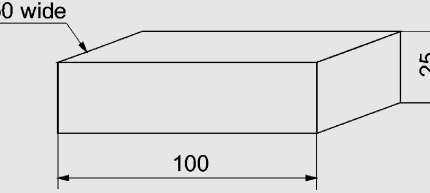
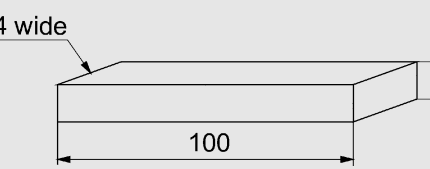


Brake dresser for diamond and CBN grinding wheel

Design	Order-No.
<b>Device N1</b> Dressing wheels for diamond and CBN wheels for grit D/B 91-181 for grit D/B 76 and finer for minimum purchase from 10 exemplar per type	<b>N1</b>  S1 S2

- Dressing speed of the grinding wheel to be dressed approx. 30 m/min
- Infeed 0,02 - 0,05 mm
- at the end of the dressing operation, 20-30 dressing movements without infeed.

## Whetstone

	<b>Whetstone No. 2 to sharpe of resin bond diamond and CBN wheels</b>	
	No. 2 - noble corundum - grain size 180 L 100 x W 24 x H 14 mm	<b>Order-No.</b> L007
	<b>Whetstone No. 5 to sharpe of resin bond diamond and CBN wheels</b>	
	No. 5 - noble corundum - grain size 180 L 100 x W 50 x H 25 mm	<b>Order-No.</b> L008
	<b>Whetstone No. 8 to sharpe of resin bond diamond and CBN wheels</b>	
	No. 8 - noble corundum - grain size 500 L 100 x W 24 x H 14 mm	<b>Order-No.</b> L014

## Diamond pastes

- for the fast working, lapping and polishing of many hard materials, carbide, oxide ceramics, ferrite, steels, cast steel, noble metals, etc.
- with the very best synthetic diamonds, an extremely uniform grit shape, accurate grit sizes, a perfect diamond distributor
- for supreme surface qualities, whilst ensuring fast material abrasion, in the industry, in materials testing and in research
- deliverable in fracture-resistant 5, 10 or 20 gram injectors, in 4 concentrations and 3 different solubilities

deliverable diamond sizes grams	Diamond grit size in $\mu\text{m}$	Identification colour	deliverable diamond concentration	deliverable solubilities
5 or 10 or 20	D 0,25 D 1 D 3 D 7 D 15 D 30 D 50	silver yellow green red blue brown black	H (highest conc.) S (strong conc.) N (normal conc.) E (simple conc.)	A (alcohol-/water soluble) O (oil soluble) U (universally soluble)
Example for ordering: 1 x 5 gr - D 7 - S - A				

### Information on the diamond concentration:

With the diamond concentrations H and S the diamond content increases along with the grit size, because the number of engaging cutting edges decrease as the grit size increases.

#### Use:

H and S for finish-working surfaces of measurement and points, for materials with structural components of different hardness (hard metal)

With the diamond concentrations N and E the diamond content remains constant, as these pastes are primarily used in the field of production

#### Use:

N for large surfaces, in the tool and mould construction as well as for machining rolls consisting of chilled iron, hard metal and steel E for machining mass-produced parts, in repair jobs and when there is a frequent exchange of pastes

## Diamond spray

is supplied by us in 165 ml spray cans. In order to meet the requirements in materials testing and in the

construction of tools two different designs are available.

<b>Typ A:</b> alcohol water soluble main use: materials testing  <b>Typ O:</b> oil and alcohol soluble main use: tool construction	deliverable grit sizes: 0,25 / 1 / 3 / 6 / 9 / 12 / 15 $\mu\text{m}$
Example for ordering: 1 x 0,25 $\mu\text{m}$ - A-Spray	

## Diamond pastes in plastic injectors

Concentration	Diamond grit size in $\mu\text{m}$	content in grams
<b>H</b> (highest)	0,25	5 • 10 • 20
	1	5 • 10 • 20
	3	5 • 10 • 20
	7	5 • 10 • 20
	15	5 • 10 • 20
	30	5 • 10 • 20
	50	5 • 10 • 20
<b>S</b> (strong)	0,25	5 • 10 • 20
	1	5 • 10 • 20
	3	5 • 10 • 20
	7	5 • 10 • 20
	15	5 • 10 • 20
	30	5 • 10 • 20
	50	5 • 10 • 20
<b>N</b> (normal)	0,25	5 • 10 • 20
	1	5 • 10 • 20
	3	5 • 10 • 20
	7	5 • 10 • 20
	15	5 • 10 • 20
	30	5 • 10 • 20
	50	5 • 10 • 20
<b>E</b> (simple)	0,25	5 • 10 • 20
	1	5 • 10 • 20
	3	5 • 10 • 20
	7	5 • 10 • 20
	15	5 • 10 • 20
	30	5 • 10 • 20
	50	5 • 10 • 20

## Diamond spray - Typ A / O

Diamond grit size
0,25 $\mu\text{m}$
1 $\mu\text{m}$
3 $\mu\text{m}$
6 $\mu\text{m}$
9 $\mu\text{m}$
12 $\mu\text{m}$
15 $\mu\text{m}$

# Further catalogues

## Diamond and CBN tools

- K-0001/200302 (D)
- K-0002/200302 (GB)

## Diamond dressing tools

- K-0003/200302 (D)
- K-0004/200302 (GB)

## Diamond and CBN grinding points and internal grinding wheels

- K-0005/200302 (D)
- K-0006/200302 (GB)

## Diamond tools for the optical industry

- K-0007/200302 (D)
- K-0008/200302 (GB)

## Diamond and CBN grinding tools of electro-plated bond

- K-0010/200302 (D)
- K-0016/200302 (GB)

## Diamond and CBN wheels for the woodworking and plastics processing industries

- K-0012/200302 (D)
- K-0017/200302 (GB)

## Diamond- and CBN- CNC and profile rolls

- K-0013/200302 (D)
- K-0018/200302 (GB)

- Catalogues in other languages on request



**DR. WILH. MÜLLER  
DIAMANTMETALL**

## Products

Diamond wheels  
Diamond grinding points  
CBN wheels  
CBN grinding points  
Diamond files  
Diamond hollow drills  
Manual diamond dresser  
Diamond pastes  
Diamond grit  
Diamond dressing rolls  
CNC dressing rolls  
Diamond dressing  
Diamond dressing plates  
Diamond centering disk  
Diamond cutter  
Diamond pellets

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Inh. Gerd Müller KG**

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eMail: [info@muedia.de](mailto:info@muedia.de) • Internet: [www.muedia.de](http://www.muedia.de)

**Our quality is your success!**