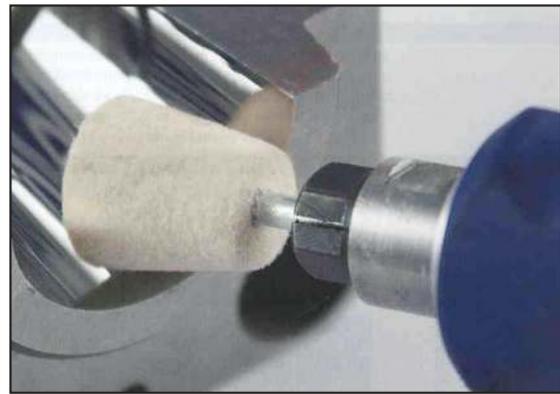




- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18



Polishing Equipment

Mould *Polishing & Finishing*

1

Rotary Air Grinder Tool

For fine grinding, milling and engraving works.
- Light and practical, like a pen.



Rpm: 85.000
Power: 80 watt
Valve: Rotary Valve
Exhaust Air Direction: Backwards
Collet / Max. Tool Shank Ø: ZG5 - 3 mm
Hose Unit: Not inclusive - **Weight:** 130 g.

Order Code:
SRD3-85
150 001 060

2

3

4

5

6

7

Rotary Air Grinder & Deburring Tool

For fine grinding, milling and engraving works.
- Light and practical, like a pen.



Rpm: 55.000
Power: 60 watt
Valve: Rotary Valve
Exhaust Air Direction: Backwards
Collet / Max. Tool Shank Ø: ZG5 - 3 mm
Hose Unit: Inclusive - **Weight:** 95 g.

Order Code:
SRD3-55
150 000 965

8

9

10

11

12

13

Rotary Air Grinder Tool

For fine - rough grinding, milling and engraving works.
- Light and practical.



Rpm: 45.000
Power: 260 watt
Valve: Rotary Valve
Exhaust Air Direction: Backwards
Collet / Max. Tool Shank Ø: ZG4 - 6 mm
Hose Unit: Not inclusive - **Weight:** 310 g.

Order Code:
SRD6-45
150 010 750

14

15

16

17

18

Rotary Air Grinder Tool / Oil-free

Oil-free grinders - for finest deburring operations.
- Light and practical



Rpm: 100.000
Power: 80 watt
Valve: Rotary Valve
Exhaust Air Direction: Forwards
Collet / Max. Tool Shank Ø: ZG5 - 3 mm
Hose Unit: inclusive - **Weight:** 250 g.

Order Code:
TVD3-100
150 149 906

Rotary Air Grinder Tool / Oil-free

Thanks to the double support, clean surfaces can be achieved quickly and easily.
- Oil-free, stable and silent.



Rpm: 65.000
Power: 80 watt
Valve: Rotary Valve
Exhaust Air Direction: Backwards
Collet / Max. Tool Shank Ø: ZG5 - 3 mm
Hose Unit: Inclusive - **Weight:** 390 g.

Order Code:
T3-65S
150 149 810

Rotary Air Grinder Tool / Oil-free

Oil-free and silent pneumatic actuator. Developed specifically for use with shaft diameters up to 6 mm.
- Oil-free, versatile and silent.



Rpm: 50.000
Power: 150 watt
Valve: Rotary Valve
Exhaust Air Direction: Backwards
Collet / Max. Tool Shank Ø: ZG4 - 6 mm
Hose Unit: Inclusive - **Weight:** 400 g.

Order Code:
T6-50S
150 149 820

Rotary Angled Air Grinder Tool

These small-powerful angle grinders have a flat head, robust gears and, with their double bearing sets, are superbly suited to transferring high torque.



Rpm: 20.000
Power: 300 watt
Valve: Rotary Valve
Exhaust Air Direction: Backwards
Collet / Max. Tool Shank Ø: ZG4 - 6 mm
Hose Unit: Not inclusive - **Weight:** 730 g.

Order Code:
SRD6-20
150 123 475

Rotary Angled Air Grinder Tool

Angle head of this machine is very small. Carrying out good work in very inaccessible places is now much easier.



Rpm: 85.000
Power: 100 watt
Valve: Rotary Valve
Exhaust Air Direction: Backwards
Collet / Max. Tool Shank Ø: ZG5 - 3 mm
Hose Unit: Inclusive - **Weight:** 260 g.

Order Code:
WRD3-85
150 100 315

Polishing Equipment

Air File Tool / Vibration Damper

Extremely low-vibration machine. Convenient deburring file for small components that have to be held by hand while being deburred.



Stroke Length: 4 mm
Strokes per Minute: 9.000
Power: 80 watt - **Max. Tool Shank Ø:** 3 mm
Exhaust Air Direction: Backwards
Air Consumption: 80 l/min. - **Weight:** 260 g.


Order Code:
FLV-9
150 322 785

Air File Tool / Vibration Damper

Designed for fine polishing of moulds. High stroke speed combined with short strokes enable controlled machining of surfaces. The tool is also suitable for the most delicate deburring work.



Stroke Length: 0.8 mm
Strokes per Minute: 17.000
Power: 80 watt - **Max. Tool Shank Ø:** 3 mm
Exhaust Air Direction: Backwards
Air Consumption: 80 l/min. - **Weight:** 260 g.


Order Code:
FLV1-20
150 322 780

"RSC" Modular System

For various CNC machining processes.



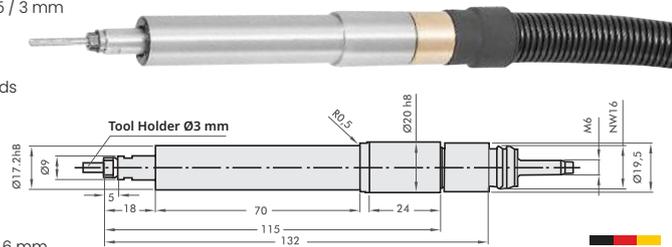
Please ask for information from our company.

High-speed Grinding Spindle

Order Code: RO-1785 150 401 202

The high speed and concentricity of this spindle produces a very clean grinding pattern and it is therefore ideally suited for fine grinding, milling and engraving. The paired heavy duty bearings ensure long service life.

Rpm: 85.000 - **Power:** 100 watt
Collet / Max. Tool Shank Ø: ZG5 / 3 mm
Engine Type: Vane
Front Bearing Set: Paired
Exhaust Air Direction: Backwards
Air Consumption: 180 l/min.
Hose Unit: Inclusive
Hose Connection: M6
Noise Level: 70 db.
Max. Carbide Tool Ø: 4 mm
Max. Profile Grinding Wheel Ø: 6 mm
Weight: 200 g.



"RWA" Pneumatic Spindles

Pneumatically controlled, operation with lubricated compressed air 6 bar.



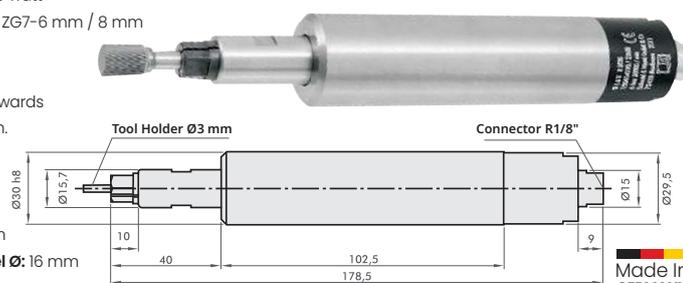
Please ask for information from our company.

Universal Grinding Spindle

Order Code: R-3030 150 414 110

This spindle is designed to be very compact, yet it is equipped with a powerful motor for grinding and milling. Also available: Splash guard and spindle with counterclockwise rotation.

Rpm: 30.000 - **Power:** 240 watt
Collet / Max. Tool Shank Ø: ZG7-6 mm / 8 mm
Engine Type: Vane
Front Bearing Set: Paired
Exhaust Air Direction: Backwards
Air Consumption: 400 l/min.
Hose Unit: Not inclusive
Hose Connection: R 1/8"
Noise Level: 75 db.
Max. Carbide Tool Ø: 10 mm
Max. Profile Grinding Wheel Ø: 16 mm
Weight: 420 g.



"BWS 2-22" Quick change System

This change system enables fast replacement of spindles in robot cells.



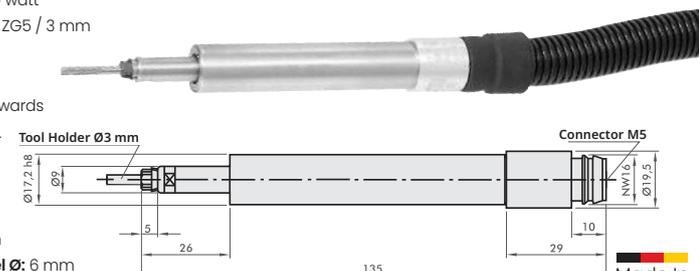
Please ask for information from our company.

High-speed Oil-free Spindle

Order Code: TR-1785 150 401 400

The oil-free drive of this grinding spindle based on a vane motor is unique and patented. Its great advantage: It provides the high performance of a vane motor and can still work completely oil-free.

Rpm: 85.000 - **Power:** 100 watt
Collet / Max. Tool Shank Ø: ZG5 / 3 mm
Engine Type: Vane
Front Bearing Set: Paired
Exhaust Air Direction: Backwards
Air Consumption: 170 l/min.
Hose Unit: Inclusive
Hose Connection: M5
Noise Level: 70 db.
Max. Carbide Tool Ø: 4 mm
Max. Profile Grinding Wheel Ø: 6 mm
Weight: 130 g.



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

Polishing Equipment

1

Rotary Air Grinder Tool

Order Code: **AG260**

(Standard Model)

For applications such as grinding, milling, brushing and polishing with felts.



Rpm: 60.000
 Collet Ø: 3.0 mm
 Dimensions: Ø 20
 Length: 160 mm
 Hose Unit: Inclusive
 Weight: 140 g.



Standard Accessories



During Operation:

Please operate with 2-3 drops of oil per minute.

Please use protective goggles, masks and ear plugs.

2

3

4

5

6

7

8

9

Rotary Air Grinder Tool

Order Code: **AG460**

High torque, heavy-duty, general purpose applicable on deburring, chamfering, milling, pre-polishing and finishing. Compact design and comfortable usage.



Rpm: 35.000
 Collet Ø: 3.0 mm - 6.0 mm
 Dimensions: Ø 22
 Length: 180 mm
 Hose Unit: Inclusive
 Weight: 170 g.



Standard Accessories



During Operation:

Please operate with 2-3 drops of oil per minute.

Please use protective goggles, masks and ear plugs.

10

11

12

13

14

15

16

17

Accessories for Rotary Air Grinder Tool



Ø2.35 Ø3.0 Ø6.0
Spare Collets



Ø30 Wheel Ø30 Rubber Ø30 Abrasive

Collet Type	Order Code
Ø2.35	AG 672
Ø3.0	AG 673
Ø6.0	AG 676

Suitable Tools	Spare Part	Order Code
Ø2.35	Ø30 Wheel	AGC 01
Ø3.0	Ø30 Rubber	AGS 01
Ø6.0	Ø30 Abrasive	AGP 01

Polishing Equipment

Rotary Air Grinder Tool

Order Code: **AG360**

(Premium Model)

High torque, silent and well balance. Ideal for precision grinding and finishing works. For applications such as grinding, milling, brushing and polishing with felts.



Rpm: 60.000
 Collet Ø: 3.0 mm
 Dimensions: Ø 17
 Length: 159 mm
 Hose Unit: Inclusive
 Weight: 130 g.



Standard Accessories



During Operation:

Please operate with 2-3 drops of oil per minute.

Please use protective goggles, masks and ear plugs.

Micro Rotary Air Grinder Tools

Micro Types: Composite coated Air Tools, aluminium body, non-skid coating, strong engine, high-speed and adjustable speed. In mould workshops and general grinding processes.

Order: **ET-1**



Order: **DG..**



Order Code	Technical Information / 6.3 Bar
DG - M5	Rpm: 54.000 / Collet Ø: 3 mm / Length: 134 mm Air Hose Ø: 8 mm / Weight: 200 g.
DG - M	Rpm: 70.000 / Collet Ø: 3 mm / Length: 134 mm Air Hose Ø: 8 mm / Weight: 200 g.
DG - M8	Rpm: 82.000 / Collet Ø: 3 mm / Length: 134 mm Air Hose Ø: 8 mm / Weight: 200 g.
ET - 1	Rpm: 3.800 / Collet Ø: 6 mm / Length: 171 mm Air Hose Ø: 8 mm / Weight: 200 g.

During Operation:

Please operate with 2-3 drops of oil per minute.

Rotary Air Grinder Tools (for mounted points)



Angled Grinder 90°

Order: **NAKA90**



Angled Grinder 45°

Order: **NAKA45**



Rpm: 35.000 / Collet Ø: 3.0 mm / Hose Unit: Inclusive
 Dimensions: (NAK-A90) Ø 19 x Length: 158 mm Weight: 220 g.
 Dimensions: (NAK-A45) Ø 19 x Length: 162 mm Weight: 250 g.

During Operation:

Please operate with 2-3 drops of oil per minute.

Air File Tool

Order Code: **AR030**

Extra High-speed

Suitable for details / narrow areas and deep grooves polishing. Extra high-speed, adjustable power, low noise & vibration and robust tool life.



Stroke Length: 0.3 mm
Rpm: 40.000
Dimensions: Ø 28
Length: 200 mm
Hose Unit: Inclusive
Weight: 200 g.

↔ Forward and Backward Movement

Standard Accessories



During Operation:



Please operate with 2-3 drops of oil per minute.



Please use protective goggles, masks and ear plugs.

Air File Tool

Order Code: **AR070**

Long Stroke

Suitable for general polishing and finishing. Long stroke, adjustable power, low noise & vibration and robust tool life.



Stroke Length: 0.7 mm
Rpm: 35.000
Dimensions: Ø 28
Length: 200 mm
Hose Unit: Inclusive
Weight: 200 g.

↔ Forward and Backward Movement

Standard Accessories



During Operation:



Please operate with 2-3 drops of oil per minute.



Please use protective goggles, masks and ear plugs.

Air File Tool

Order Code: **SAR070**

Up & Down Motion

Side to side stroke. Suitable for deburring, chamfering, narrow areas and deep grooves polishing.



Stroke Length: 0.7 mm
Rpm: 15.000
Dimensions: Ø 18
Length: 180 mm
Hose Unit: Inclusive
Weight: 250 g.

↑↓ Moving Up and Down

Standard Accessories



During Operation:



Please operate with 2-3 drops of oil per minute.



Please use protective goggles, masks and ear plugs.

Air File Tool

Order Code: **AR991**

Heavy Duty

Low speed, high torque and 0.6 mm stroke. It provides high grinding with rigid and stable power. Suitable for details / narrow areas and deep grooves polishing.



Stroke Length: 0.6 mm / Hose Unit: Inclusive
Rpm: 4.500 / Weight: 660 g.
Dimensions: Ø 30 x 140 x 206 mm

Standard Accessories



↔ Forward and Backward Movement

During Operation:



Please operate with 2-3 drops of oil per minute.



Please use protective goggles, masks and ear plugs.

Rotary Air Grinder Tools



Angled Grinder 90°

Order: **AG90**

↻ Rotating Tip



Angled Grinder 45°

Order: **AG45**

↻ Rotating Tip

Rpm: 23.500 / Hose Unit: Inclusive / Grinding / Abrasive Dics Ø: 30 mm
Dimensions: (AG-90) Ø 17 x Length: 140 mm / Weight: 170 g.
Dimensions: (AG-45) Ø 17 x Length: 153 mm / Weight: 180 g.



During Operation:

Please operate with 2-3 drops of oil per minute.

Accessories for Air File Tool

	3 mm 1 mm Split	Flat 1 mm Split	Flat 3.2 x 13	Flat 3.2 mm Split	Flat 6.3 x 13	Adjustable Holder (wide)
Order Code	AR - 664	AR - 665	AR - 661	AR - 662	AR - 667	AR - 666
AR - 030	●	●	○	●	○	●
AR - 070	●	●	○	●	○	●
SAR - 070	●	◐	●	◐	○	●
AR - 991	●	●	◐	◐	◐	●



Standard Holder (available in box)



Optional Holder



Incompatible

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

Polishing Equipment

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

Polishing Equipment



Ultrasonic Polishing Machine

Order Code: **AR108**

"AR108" can assist in reducing finishing time by up to 50% on hardened tools steel working on very small mould cavity & core details, extrusion dies and more. It is an advanced technological product realizing all difficult works.

Main Supply: AC 90V - 250V

Ultrasonic Output: 40 watts

Vibration Frequency: 18 - 25 kHz

Stroke Amplitude: 10 - 35 µm

Power Consumption: 46 watts

Dimensions: 192 x 156 x 96 mm

Weight: 0.7 kg

HANDPIECE

Dimensions: 30 x 130 mm

Weight: 175 gr.

SET CONTENT:

- * Ultrasonic Handpiece
- * Power Cord
- * Handpiece Cord
- * Wrench (HEX)
- * Handpiece Rest
- * Tool Changing Rack
- * Wrench
- * 2x Holder (Ø3 & 1 mm)
- * Foot Switch



Video



Electrical Spiral Motor

Code: **BM...A**

Economical and modular for levelling and polishing. Powerful motors provide facilities for users in levelling and polishing processes. Rotary spiral spring in Spiral Rod is only for tool to be used with 2.35 - 3 & 4 mm collets. However, in some cases, 6 mm collet also can be used softly / without pressing. To avoid rising heat at long uses, waiting at short intervals can be required. To provide continuance of work in uses a spare Spiral Rod can be kept.

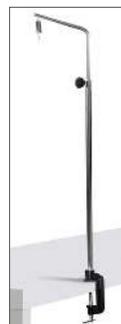
Note: Spiral Rod should be ordered separately.

Order Code	Specifications
BM21A	Rpm: 15.000 / Power: 125 Watt
BM23A	Rpm: 25.000 / Power: 200 Watt
BM26A	Rpm: 25.000 / Power: 300 Watt
BM24A	Rpm: 22.500 / Power: 500 Watt

Motor Accessories



Order Code	Specifications
M19KK	Spiral Rod / 1040 mm
M19FTK	Spiral Rod with Latch / 1000 mm
YP..Ø	Spare Collets / 2.35 - 3 - 4 - 6 mm
BM..W	Foot Switch for Spiral Motor when ordering: specify current motor watt



Motor Hanger

Order Code: **M18A**

Foot Switch and cable connections of Electrical Spiral Motors are presented in packing. To use motor stably, we recommended you to use Hanger. With the help of the hanger spring, it absorbs the vibrations caused by the motor and prevents the vibrations from passing to the workbench.



Corded Rotary Tool

Order Code: **STRONG**

- + Compact Design
- + Ergonomic Design
- + Non Stage Speed System
- + High Torque

With electronic cycle adjusted control unit, it starts with micro motor rotary tool at desired speed. It can work faster and serially with foot switch, desktop precision operations can be done with practical and powerful electronic machine. It is economical.

Technical Details

Rpm: 35.000

Torque: 280 gf.cm

Collet: Ø 3mm

Input: 100 V / 230 V (50/60Hz)

Output: DC 0-32V

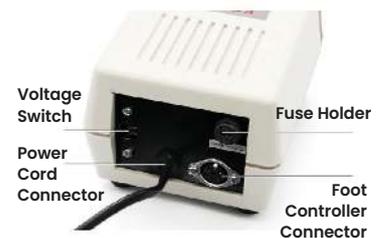
Weight: Control Box 1.7 kg.

* Hand / Foot speed control system

* Foot Speed Pedal or Foot

ON - OFF Pedal - Option

Buttons Function



NEW

PERFECT 
Price Performance



✓ **Fast** ✓ **Compact** ✓ **Universal**

Polishing Kit - Multiple / 190 pcs

Order Code: **6218001001**

Kit Contents - 190 pcs:

- 1x Electrical Rotary Tool
- 1x Flexible Driver
- 1x Mini Plastic Drawer
- 4x Collets
- 16x Abrasive Rolls
- 10x Mounted Points
- 2x Mandrel for Cutting Discs
- 1x Mandrel for Felt Discs
- 2x Mandrel for Abrasive Rolls
- 10x Grinder Discs
- 1x Polishing Stone
- 5x Fiberglass Cutting Discs
- 1x Polishing Rubber
- 1x Wrench
- 1x Diamond Compound
- 30x Cutting Discs Heavy-duty
- 36x Cutting Discs Regular
- 40x Abrasive Papers
- 7x Felt Discs
- 1x Tapered Pointed Felt
- 1x Abrasive Mop Wheel
- 2x HSS End-mills
- 6x CBN Grinding Points
- 6x HSS Drills
- 3x Mounted Hair Brushes
- 3x Mounted Wire Brushes
- 1x Pointed Felt



Polishing Kit - Mini / 145 pcs

Order Code: **6218002001**

Kit Contents - 145 pcs:

- 3x Collets
- 16x Abrasive Rolls
- 1x Tapered Pointed Felt
- 1x Felt Disc
- 4x Felt Discs
- 1x Wrench
- 40x Abrasive Papers
- 5x Fiberglass Cutting Discs
- 12x Grinder Discs
- 1x Polishing Stone
- 2x Mandrel for Abrasive Rolls
- 1x Mounted Hair Brush
- 6x Mounted Points
- 2x Mandrel for Cutting Discs
- 1x Mandrel for Felt Discs
- 1x HSS End-mill
- 5x CBN Grinding Points
- 4x HSS Drills
- 36x Cutting Discs / Regular
- 1x Mounted Wire Brush
- 1x Polishing Rubber
- 1x Cloth Felt

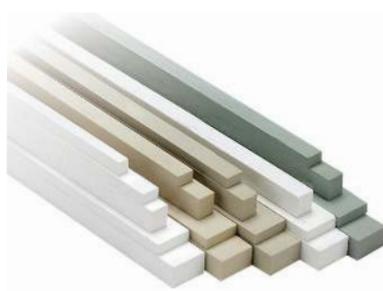


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18



Polishing Equipment

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18



Code: **EG..**

EDM Polishing Stones

Grit	Operation
#120	Levelling
#150	
#180	
#220	Pre Polishing
#280	
#320	
#400	Finishing
#600	
#800	
#1000	

Type: EGK	Type: EGD	Type: EGY	Type: EGU
width x length	width x length	diameter x length	width x length
4 x 4 x 100	6 x 3 x 150	6 x 150	8 x 8 x 150
6 x 6 x 150	13 x 3 x 150	8 x 150	10 x 10 x 150
8 x 8 x 150	13 x 6 x 150	10 x 150	-
10 x 10 x 150	-	12 x 150	-

EDM Polishing Stones are produced to make excellent levelling / polishing on rough surfaces. It takes the shape of the surface it works with by making fast cutting. It works precisely on figured surfaces. EDM Polishing Stones are suitable for manual and Air File Tool use. Hard and complex, especially in deep areas, long polishing stones can be selected. At flat and wide areas, short polishing stones can be less fragile by avoiding skidding.

When using by hand, use a holder. Different type holders at our Air File Tools present extensive usage opportunity. For softer and clean polishing stone usage, you can use your polishing stone by steeping in low oil liquid etc. To use right graduation from coarse polishing stone to fine one on surface is important. Cleaning of operation area is also important.

Order: **Type. Dimension. Grit**

EDM Polishing Stone Holders

Manually Operated

- Capacity: 6 x 3 / 13 x 3
Order Code: **GT - 613**
- Capacity: Ø4 - 6 / Ø8 - 10
Order Code: **GT - 468**

Air File Tool Operated

- Capacity: 13 x 3 / 13 x 6
Order Code: **GT - 133**
- Order Code: **AR 661**
- Order Code: **AR 662**
- Order Code: **AR 666**
- Order Code: **AR 667**



Code: **CS...**

Fiber Ceramic Polishing Stones Types

Grit Code			
CSC	#180		
CSO	#250		
CSD	#280	Width x Length	Diameter
CSN	#360		
CSB	#400	1 x 4 x 100	Ø3 x 100
CSY	#700	1 x 6 x 100	
CSR	#1200	1 x 10 x 100	

"CS" Fiber Ceramic Polishing Stones are the excellent stones for detail polishing. They prepared by pressing with resin binder spraying screened, gauged micron diamond particles on powerful fiber textured ceramic, "CS" Ceramic Stones have the feature of resistance with flexible structure against breakage.

Optimal for premium polishing of flat surfaces, hard to reach slots, ribs and corners. High polishing productivity can be obtain without clogging. "CS" Ceramic Stones can be used in our Air File Tools or by hand (please see below for manual holders).

Order: **Grit Code. Dimension**

Fiber Ceramic Polishing Stone, Manual Holders

- Order Code: **WH041**
1 x 4 x 100
- Order Code: **WH061**
1 x 6 x 100
- Order Code: **WH101**
1 x 10 x 100
- Order Code: **WH22K**
Ø 3 x 100



Polishing Block Stone

For wide surface levelling and chamfering / deburring.

Order Code	A	H	L
BG100 x EKR or SCG	16	25	100
BG125 x EKR or SCG	20	40	125
BG150 x EKR or SCG	25	50	150
BG200 x EKR or SCG	25	50	200



Polishing Equipment



Pink Mounted Points

Code: **SPT**

Mounted Points – Shank Diameter: **3 mm**

Form - A - R								
	D	L						
Type:	256 A	308 A	410 A	510 A	612 A	816 A	1016 A	813 R
D x L	2.5 x 6	3 x 8	4 x 10	5 x 10	6 x 12	8 x 16	10 x 16	8 x 13

Form - B - R								
Type:	30 B	40 B	50 B	60 B	80 B	100 B	120 B	1224 R
D x L	∅3	∅4	∅5	∅6	∅8	∅10	∅12	12 x 24

308 T	310 T	412 T	710 T	412 J	616 J	816 J	1016 J	609 S
3 x 8	3 x 10	4 x 12	7 x 10	4 x 12	6 x 16	8 x 16	10 x 16	6 x 9

612 P	815 P	1018 P	412 K	515 K	816 K	132 E	133 E	162 E
6 x 12	8 x 15	10 x 18	4 x 12	5 x 15	8 x 16	13 x 2	13 x 3	16 x 2

Shank 3 mm



Order: **SPT**. Type



Pink Mounted Points

Code: **SPT**

Mounted Points – Shank Diameter: **6 mm**

Form A								
	D	L						
Type:	1608 A	2008 A	2016 A	2510 A	2520 A	3220 A	4025 A	5030 A
D x L	16 x 8	20 x 8	20 x 16	25 x 10	25 x 20	32 x 20	40 x 25	50 x 30

Form B								
Type:	1015 B	1620 B	2020 B	2030 B	2040 B	2525 B	2532 B	3040 B
D x L	10 x 15	16 x 20	20 x 20	20 x 30	20 x 40	25 x 25	25 x 32	30 x 40

Form - C - D - F								
Type:	2508 C	3208 C	4010 C	1220 D	2035 D	0816 F	1320 F	2032 F
D x L	25 x 8	32 x 8	40 x 10	12 x 20	20 x 35	8 x 16	13 x 20	20 x 32

Form E								
Type:	0816 E	1230 E	1640 E	2030 E	2040 E	2525 E	2540 E	3240 E
D x L	8 x 16	12 x 30	16 x 40	20 x 30	20 x 40	25 x 25	25 x 40	32 x 40

Form - G - H - J								
Type:	2016 G	2520 G	10 H	15 H	20 H	1225 J	1632 J	2040 J
D x L	20 x 16	25 x 20	∅10	∅15	∅20	12 x 25	16 x 32	20 x 40

Shank 6 mm



Order: **SPT**. Type



"SPT" Mounted Points are suitable to soft and hard surfaces. With formation of aluminium oxide & ceramic grain textured in fast material removal feature, the mounted points provide the desired performance on all kinds of surfaces. After process, it can be ready for polishing by cleaning off point traces on surface with Rubber Mounted Polishing Points. There should be at least 10 mm fastening length at collet. Operation should be soft without pressing.

Cutting speed max.: 25 m / s. Calculation:
$$\frac{n = V (m/s) \times 60.000}{D = (mm) \times 3.14}$$

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

Polishing Equipment

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18



Shank: 3 mm
Mounted Wire Brushes
 These brushes are very successful in cleaning EDM and deep burrs traces (especially with "Diamond Compound 14/7" Order Code: SDP14).



Conical & Brass Wired
Ø 15 x 10 mm
 Order Code: **STF158**



Conical & Inox Wired
Ø 15 x 10 mm
 Order Code: **SMF158**



Disc & Brass Wired
Ø 22 x 2 mm
 Order Code: **STF222**



Disc & Inox Wired
Ø 22 x 2 mm
 Order Code: **SMF222**



Flat & Brass Wired
Ø 8 x 14 mm
 Order Code: **STF148**



Flat & Inox Wired
Ø 8 x 14 mm
 Order Code: **SMF148**



Shank: 3 mm
Mounted Hair Brushes
 Mounted Hair Brushes facilitating polishing process and not requiring extra tool. These brushes form the perfect surface with fine micron Diamond Compounds at final polishing. *The black brush is made of nylon and is classified as medium-hard, while the white brushes are made of goat hair and fall into the softer category.*



Conical Brush
Ø 16 x 8 mm
 Order Code: **SKFS 16**



Conical Brush
Ø 16 x 8 mm
 Order Code: **SKF 16**



Disc Brush
Ø 22 x 2 mm
 Order Code: **SKFS 25**



Disc Brush
Ø 22 x 2 mm
 Order Code: **SKF 25**



Conical Brush
Ø 8 x 14 mm
 Order Code: **SKF 168**



Upon request:
 Shank 2.35 mm is available.



Code: **ML..** Shank: 3 mm

Mini Abrasive Roll Set

Mini Abrasive Rolls & Holder Set.
 It is sold in package: 5 + 5 coarse - fine grit and holder (10 pcs abrasive + 1 pcs holder).

Order Code	Abrasive	Grit
ML04	Ø 4 x 15 mm	# 120 5pcs.
ML05	Ø 5 x 15 mm	
ML06	Ø 6 x 15 mm	
ML08	Ø 8 x 20 mm	# 320 5pcs.
ML10	Ø 10 x 20 mm	



Mini Abrasive Rolls

Code	Abrasive	Grit
SPZ12	Ø 12 x 30 mm	# 80
SPZ15	Ø 15 x 30 mm	
SPZ20	Ø 20 x 30 mm	# 100
SPZ25	Ø 25 x 30 mm	# 120
SPZ30	Ø 30 x 30 mm	
SPZ40	Ø 40 x 30 mm	# 220
SPZ50	Ø 50 x 50 mm	
SPZ60	Ø 60 x 35 mm	

Order:
Code x Grit

Holder for Abrasive Rolls

Order Code	Abrasive	Shank - Length
SPL12	Ø 12	Ø 6 - 60
SPL15	Ø 15	Ø 6 - 60
SPL20	Ø 20	Ø 6 - 60
SPL25	Ø 25	Ø 6 - 60
SPL30	Ø 30	Ø 6 - 60
SPL40	Ø 40	Ø 6 - 65
SPL50	Ø 50	Ø 6 - 65
SPL60	Ø 60	Ø 6 - 65



Rubber Mounted Polishing Point

Ceramic, Hard Type & Pre-polishing

Form CK	Order:	D x L
	CK 03	3 x 13
	CK 04	4 x 13
	CK 05	5 x 15
	CK 06	6 x 17
	CK 08	8 x 20
	CK 10	10 x 20
	CK 12	12 x 20

Form FK	Order:	D x L
	FK 03	3 x 13
	FK 04	4 x 13
	FK 05	5 x 15
	FK 06	6 x 17
	FK 08	8 x 20
	FK 10	10 x 20
	FK 12	12 x 20



Rubber Mounted Polishing Point

Rubber, Soft Type & Finishing

Form RK	Shank 3 mm	Order:	D x L
		RK 04	4 x 13
		RK 06	6 x 17
		RK 08	8 x 20
		RK 10	10 x 20
		RK 12	12 x 20

Form RKK	Shank 6 mm	Order:	D x L
		RKK 10	10 x 20
		RKK 12	12 x 20
		RKK 16	16 x 25
		RKK 20	20 x 25
		RKK 25	25 x 25





Mounted Polishing Felts

Code: **SPK**

Mounted Felts – Shank Diameter: **3 mm**

Form A								
	Type:	0410 A	0509 A	0610 A	0810 A	1014 A	1220 A	1520 A
D x L	4 x 10	5 x 9	6 x 10	8 x 10	10 x 14	12 x 20	15 x 20	20 x 20

Form - C - H								
	Type:	0408 C	0509 C	0610 C	0810 C	1013 C	1214 C	1520 C
D x L	4 x 8	5 x 9	6 x 10	8 x 10	10 x 14	12 x 14	15 x 20	20 x 20

Type:	0410 J	0512 J	0616 J	0817 J	1014 J	1020 J	1220 J	1225 J	1218 T
D x L	4 x 10	5 x 12	6 x 16	8 x 17	10 x 14	10 x 20	12 x 20	12 x 25	12 x 18

Type:	08 B	10 B	12 B	18 B	1014 R	1225 R	2505 L	2207 L	2210 L
D x L	Ø 8	Ø 10	Ø 12	Ø 18	10 x 14	12 x 25	25 x 5	22 x 7	22 x 10

Shank 3 mm



Order: **SPK**. Type



Mounted Polishing Felts

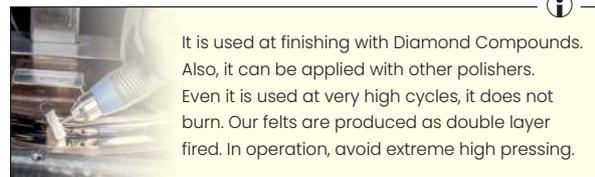
Code: **SPK**

Mounted Felts – Shank Diameter: **6 mm**

Form - A - B							
	Type:	1520 A	2020 A	2025 A	2530 A	3040 A	14 B
D x L	15 x 20	20 x 20	20 x 25	25 x 30	30 x 40	Ø 14	Ø 20

Form - E - C							
	Type:	2110 E	3015 E	4020 E	5030 E	1520 C	2025 C
D x L	25 x 10	30 x 15	40 x 20	50 x 30	15 x 20	20 x 25	25 x 30

Form - K - H - G							
	Type:	1018 K	1220 K	1525 K	2025 K	2530 K	1530 H
D x L	10 x 18	12 x 20	15 x 25	20 x 25	25 x 30	15 x 30	10 x 30



It is used at finishing with Diamond Compounds. Also, it can be applied with other polishes. Even it is used at very high cycles, it does not burn. Our felts are produced as double layer fired. In operation, avoid extreme high pressing.

Shank 6 mm



Order: **SPK**. Type



Adhesive Felt Discs

Order: **Y18D** – Ø 18 x 4 mm
Order: **Y30D** – Ø 30 x 4 mm
Order: **Y45D** – Ø 45 x 4 mm



Mounted Felt Sticks

Usage with Electrical or Air Tools.
Order: **S06D** – 6 x 6 x 25 mm
Order: **S10D** – 10 x 10 x 35 mm
Order: **S12D** – 12 x 12 x 45 mm



Polishing Felt Sheets

It can be adhered to your tool by cutting.
Order: **P325** – 6 x 250 x 250 mm
Order: **P625** – 10 x 250 x 250 mm
Order: **P1025** – 12 x 250 x 250 mm



Felt Polishing Sticks

Suitable for manual usage.
Order: **E06K** – 6 x 6 x 150 mm
Order: **E10K** – 10 x 10 x 150 mm
Order: **E12K** – 12 x 12 x 150 mm

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

Polishing Equipment



Wooden Tools

Code: **AC ..**

Code: **ASK ..**

It is suitable to polish with Wooden Felts at narrow and radius areas of moulds, areas unsuitable to use polishing stones.

Order Code	Dimension	Order Code	Dimension	Type
ASK 06	∅ 6 x 15	AC 06	6 x 6 x 150	Square
ASK 10	∅ 10 x 20	AC 10	10 x 10 x 150	Square
ASK 15	∅ 15 x 25	AC 12	12 x 12 x 150	Square
ASK 20	∅ 20 x 30	AC 03	6 x 3 x 150	Rectangular
ASK 010S	∅ 10	AC 13	13 x 6 x 150	Rectangular
		AC 20	20 x 8 x 150	Rectangular
		ACS 6	∅ 6 x 150	Round
		ACS 8	∅ 8 x 150	Round



GT-133

Plexiglass Polishing Sticks

It becomes a precision Diamond File when used with Diamond Compounds. GT-133 is a suitable holder for tool usage.

Order Code

PC 08 - 8 x 8 x 150 / Square

PC 10 - 10 x 6 x 150 / Rectangular

PC 13 - 13 x 6 x 150 / Rectangular

Order Code

PC 06 - 6 x 150 / Round

GT 133 - Holder (suitable for tool usage)



Mini Cutting Disc

It is used in cutting operation of all metals including hard steels at Rotary Tools.

Order	Dia.	Length	Mandrel
KS 25	25	0.65	∅ 2.35
KS 40	40	1.0	
KS 60	60	1.5	∅ 3



∅ 25 x 3.2 # 80 Grit

Grinder Disc

Because it is circular, it is mostly used at thread ranges, cutting tool edges and mould machine production.

Order	Specification
DP 25	Disc
VM 03	Mandrel



Polishing Rubbers

Cylinder (∅6 x 22)	Order Code:	Disc (∅20 x 3)	Order Code:
Red (medium)	KK 06	Red (medium)	DK 06
Black (hard)	KS 06	Black (hard)	DS 06
Mandrel	DM 03	Mandrel	VM 03



Diamond Compounds

Code: **SDP**

Our Diamond Compounds have been formulated using a blend of high quality diamond grit, polisher chemical mixture and herbal oil. It is highly concentrated. Reasonable price and in box packaged as 20 g. syringe. From rapid stock removal process to final polishing process, it cleans EDM traces in hard areas by removing burrs (stock removal). Our Diamond Compounds are soluble in both oil and water. During operation, the compound may get lumpy / dry, in this case, it can be moisturised with 1-2 drops of Diamond Compound Moisturiser (order code: SDS200). Package 20 gr.

Order Code	Micron (µm)	Approx. Mesh	Application
SDP 01	0 / 1	#60.000	Final Polishing 
SDP 02	2 / 1	#14.000	
SDP 03	3 / 2	#8.000	
SDP 05	5 / 3	#4.000	Pre Polishing 
SDP 07	7 / 5	#3.000	
SDP 10	10 / 7	#1.700	
SDP 14	14 / 17	#1.500	Rapid Stock Removal 
SDP 20	20 / 14	#1.100	
SDP 28	28 / 20	#800	
SDP 40	40 / 28	#550	
SDP 60	60 / 40	#500	

Application: Application is usually done with circular movements. During operation, cleaning is very important and it absolutely should be done at every stage. The sequence should be followed from coarse to fine micron. Polishing tools for each micron compound should be specified and should be used only at that micron, absolutely don't mix with other micron compounds. For cleaning of mould surface, our "Cleaning Spray" (order code: GTH1010) is an effective, economic and provide easiness. As a surface protector, you can choose our "Protective Wax Spray" (order code: W160106).

Diamond Compound Moisturiser

Order Code: **SDS200**

During operation, the compound may get lumpy / dry, in this case, it can be moisturised with 1-2 drops of Diamond Compound Moisturiser. Package: 200 g.



Metal Polisher Paste

Order Code: **MARPOL**



Metal work pieces lose their gloss in time and can be oxidized. In this case, Metal Polisher Paste cleans surfaces and purifies from rust and dirt's. It is a very good dirt remover, it does not remove burrs and only cleans and polishes. Package: 200 g.



Code: **DZ**



Code: **DZL**

Self-adhesive Abrasive Disc

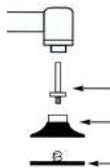
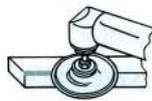
Order	Abrasive	Grit	Holder	Shank
DZ12 or DZL12	Ø 12	# 60 # 80	Ø 12	3 mm 6 mm
DZ20 or DZL20	Ø 20	# 100 # 120	Ø 20	
DZ30 or DZL30	Ø 30	# 180 # 220	Ø 30	
DZ40 or DZL40	Ø 40	# 320 # 400	Ø 40	
DZ50 or DZL50	Ø 50	# 500 # 600	Ø 50	

Order: **DZ..** x Grit

Order: **DZL..** x Shank



Clip-on Abrasive Disc



Abrasive Disc

Code: **KZD**

Order	Disc	Grit
KZD 38	Ø 38	# 36
KZD 51	Ø 51	# 80
KZD 76	Ø 76	# 120

Mandrel

Code: **KLT**

Order	Shank	Rubber
KLT 63	6 mm	38 mm
KLT 65	6 mm	51 mm
KLT 67	6 mm	76 mm



Tapered Abrasive Cartridge Rolls

Code: **RZ..**

It is ideal for grinding in limited and narrow areas. When the outermost abrasive is worn down, non-worn abrasive found is lower surface appears.

Application: Please always grind by using tip instead of surface. During operation, wear protective goggles. Cutting speed: 11 m / s max.

Code	Abrasive	Grit
RZ 06	6 x 38	# 80
RZ 10	10 x 38	
RZ 13	13 x 38	
RZ 16	16 x 38	# 120
RZ 20	20 x 38	# 220
TM 03	3 x 30	Mandrel
TM 06	6 x 60	Mandrel



Order:
Code x Grit

Order Example:
RZ16 x 220



Abrasive Mop Wheels

Code: **MZ**

During operation, wear protective goggles. Cutting speed: 15 - 20 m / s max.

Code	D	L	d	L1	Grit
MZ3 1515	15	15	3	40	# 40
MZ3 2020	20	20			
MZ6 2015	20	15	6	40	# 60
MZ6 2020		20			
MZ6 2515	25	15	6	40	# 80
MZ6 2525		25			
MZ6 3015	30	15	6	40	# 100
MZ6 3025		25			
MZ6 4020	40	20	6	40	# 120
MZ6 4030		30			
MZ6 5020	50	20	6	40	# 180
MZ6 5030		30			
MZ6 6020	60	20	6	40	# 220
MZ6 6040		40			
MZ6 8040	80	40	6	40	# 320 # 400

Order: Code x Grit

Order Example:
MZ6 2515 x 80

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

Polishing Equipment

1

2

3

4

5



Abrasive Cloth Rolls

Code: BZ

Order Code	Grit	Operation	Width	Package
BZ 40	# 40	Coarse	150 mm	1 Metre
BZ 60	# 60			
BZ 80	# 80			
BZ 100	# 100			
BZ 120	# 120			
BZ 150	# 150	Medium		
BZ 180	# 180			
BZ 220	# 220			
BZ 280	# 280			
BZ 320	# 320	Fine		
BZ 400	# 400			
BZ 600	# 600			
BZ 800	# 800			

6

7

8

9

10

11

12

13

14

15

16

17



Waterproof Abrasive Paper

Code: SZ

Order Code	Grit	Operation	Dimension	Package
SZ 40	# 40	Coarse	230 x 280 mm	1 Pcs.
SZ 60	# 60			
SZ 80	# 80			
SZ 100	# 100			
SZ 120	# 120			
SZ 150	# 150	Medium		
SZ 180	# 180			
SZ 220	# 220			
SZ 280	# 280			
SZ 320	# 320	Fine		
SZ 400	# 400			
SZ 600	# 600			
SZ 800	# 800			
SZ 1000	# 1000			
SZ 1200	# 1200			

18

Polishing Equipment



Polishing & Cleaner Block

Code: KS..

It is for lapping, polishing and cleaning. Polishing & Cleaner Block is a multi-purpose abrasive cleaner, impregnated throughout with sharp abrasive grit. Removes light rust or tarnish restoring a bright metal finish. Suitable for dry or wet use. **Block Dimension:** 80 x 50 x 20 mm.



Order Code: HRD - KST36

Extra Coarse - 36 grit (burgundy)

Order Code: HRD - KST60

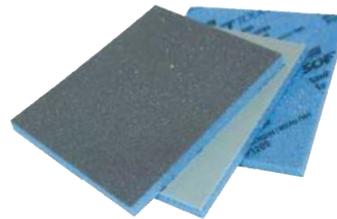
Coarse - 60 grit (blue)

Order Code: HRD - KST120

Medium - 120 grit (grey)

Order Code: HRD - KST240

Fine - 240 grit (brown)



Code: SM..

Waterproof Abrasive Paper with Sponge

Order Code	Grit	Width	Package
SM 150	# 150	115 mm	1 Metre
SM 220	# 220		
SM 280	# 280		
SM 320	# 320		
SM 400	# 400		

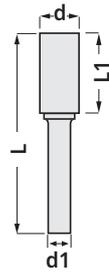


Code: EZ..

Foam Abrasive Pads

All sides of the pad can be used. Easy to clean and you can use repeatedly.

Order Code	Grit	Dimension	Package
EZ 60	# 60	100 x 68 x 27 mm	1 Pcs.
EZ 100	# 100		
EZ 150	# 150		
EZ 220	# 220		
EZ 320	# 320		



Shape A: Standard cut for general operations.
Shape B: Double cut for general purpose use. Improves control and reduces chips. The cross tootingh provides a higher cutting capacity compared with the simple tootingh.
Shape C: Diamond cut for hardest materials and finest finishes.
Shape D: Aluminium tootingh.
Usage area; non-ferrous metals, aluminium, brass, copper, diecasts, zinc and plastics. To debur, break edges, trim and surface machining.



During Operation: Please use protective goggles, masks and ear plugs.



Order: **Code. Shape**

Order Example: **SA14. B**

Carbide Rotary Burrs



Cylinder Type - DIN 8033

Code	d	d1	L	L1	Shape
SA 42	2.5	3	38	11	B
SA 43	3		38	14	
SA 14	5	6	50	16	A
SA 01	6		50	16	C
SA 03	9.5		63	19	D
SA 05	12.7		69	25	



Cylinder Type with Endcut

Code	d	d1	L	L1	Shape
SB 42	2.5	3	38	11	B
SB 43	3		38	14	
SB 14	5	6	50	16	A
SB 01	6		50	16	C
SB 03	9.5		63	19	D
SB 05	12.7		69	25	



Radius Cylindrical Type

Code	d	d1	L	L1	Shape
SC 42	3	3	38	14	B
SC 422	3		50	14	
SC 14	5	6	50	16	A
SC 01	6		50	16	C
SC 03	9.5		63	19	D
SC 05	12.7		69	25	



Ball Type

Code	d	d1	L	L1	Shape
SD 41	2.5	3	38	2.3	B
SD 42	3		38	2.5	
SD 14	5	6	50	4.0	A
SD 01	6		50	5.0	C
SD 02	8		50	6.4	D
SD 03	9.5		52	8.0	



Pointed Tree Type

Code	d	d1	L	L1	Shape
SG 41	3	3	38	6.0	B
SG 43	3		38	9.5	
SG 01	6	6	50	16	A
SG 02	8		63	19	C
SG 05	12.7		69	25	D
SG 06	16		69	25	



Flame Type

Code	d	d1	L	L1	Shape
SH 41	3	3	38	6.3	B
SH 411	3		50	6.3	
SH 01	6	6	50	9.5	A
SH 02	8		63	19	C
SH 05	12.7		76	32	D
SH 06	16		80	36	



Radius Cone Type

Code	d	d1	L	L1	Shape
SL 41	3	3	38	9.5	B
SL 42	3		38	12.7	
SL 01	6	6	50	16	A
SL 02	8		69	22	C
SL 04	12.7		76	28	D
SL 06	16		80	33	



90° Cone Type

Code	d	d1	L	L1	Shape
SK 42	3	3	38	1.5	B
SK 01	6	6	50	3.0	
SK 03	9.5		52	4.7	C
SK 06	16		57	8	D

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

Polishing Equipment

Economic Series

1

Diamond File Set - 10 pcs.

Order Code: **TPF10E**



Grit:
150
200
400

Contains one file each of:
Hand, flat, triangular, square, half round crossing, round, knife, barrette and slitting.
Cross Section: 3 x 140 mm



Diamond Files



Diamond File - Hand

Order Code	Shank	d1 x L1 x L
ELE 140	∅ 4	5 x 70 x 140
ELE 160	∅ 5	8 x 50 x 160
ELE 200	∅ 5.5	8 x 70 x 200



Diamond File - Half Round

Order Code	Shank	d1 x L1 x L
EYY 140	∅ 4	5 x 70 x 140
EYY 160	∅ 5	8 x 50 x 160
EYY 200	∅ 5.5	8 x 70 x 200



Diamond File - Round

Order Code	Shank	d1 x L1 x L
EYE 140	∅ 4	∅ 3 x 70 x 140
EYE 160	∅ 5	∅ 4 x 50 x 160
EYE 200	∅ 5.5	∅ 4 x 70 x 200



Diamond File - Square

Order Code	Shank	d1 x L1 x L
DEE 140	∅ 4	3 x 70 x 140
DEE 160	∅ 5	3.6 x 50 x 160
DEE 200	∅ 5.5	3.6 x 70 x 200



Diamond File - Triangular

Order Code	Shank	d1 x L1 x L
UEE 140	∅ 4	3.7 x 70 x 140
UEE 160	∅ 5	5 x 50 x 160
UEE 200	∅ 5.5	5 x 70 x 200

Premium Series

Diamond Tapered Files - Hand



Order Code	Cross Section	Diamond Length	Total Length
CF 503	$\begin{matrix} 6.1 \\ \pm 0.2 \\ -0.6 \end{matrix}$	60	180 mm
CF 502	$\begin{matrix} 8.2 \\ \pm 0.2 \\ -0.6 \end{matrix}$	60	
CF 501	$\begin{matrix} 10.2 \\ \pm 0.2 \\ -0.7 \end{matrix}$	70	

Diamond File - Round

Order Code: **IF503**



Shank: 5 x 5
Diamond: 80 mm / **Total:** 215 mm

Diamond File - Half Round

Order Code: **IF502**



Shank: 11 x 4
Diamond: 80 mm / **Total:** 215 mm

Diamond File - Flat

Order Code: **IF501**



Shank: 11 x 4
Diamond: 80 mm / **Total:** 215 mm

Diamond File - Triangular

Order Code: **IF505**



Shank: 11 x 4
Diamond: 80 mm / **Total:** 215 mm

Diamond File - Square

Order Code: **IF504**



Shank: 6 x 6
Diamond: 80 mm / **Total:** 215 mm

Diamond File with Handle - Flat

Order Code: **HX4**



Cross Section: 12.2 x 3.5 mm / **Total:** 100 mm

Diamond File with Handle - Flat

Order Code: **HX10**



Cross Section: 18.5 x 4.5 mm / **Total:** 250 mm

Polishing Equipment

Diamond Tapered File Set - 5 pcs.

Order Code: **CF 500** Length: 180 mm

Grit:
#150
#200



Set Content:

- Width: 2.8 / Diamond Length: 70 
- Width: 2.5 / Diamond Length: 60 
- Width: 2.5 / Diamond Length: 60 
- Width: 2.0 / Diamond Length: 50 
- Width: 2.2 / Diamond Length: 50 

Diamond Tapered File Set - 12 pcs.

Order Code: **CF 400**



4 different model

4 different model & 12 pcs.

- Hand: #150 #200 #400 Grit Length: 180 mm 
- Hand: #150 #200 #400 Grit Length: 180 mm 
- Hand: #150 #200 #400 Grit Length: 180 mm 
- Hand: #150 #200 #400 Grit Length: 180 mm 

Diamond Tapered File Set - 10 pcs.
(with extension bar)

Order Code: **PTF 10T**



4 different model

4 different model, 10 pcs. & with extension bar.

- Hand: #200 #400 #600 Grit Length: 130 mm 
 - Hand: #200 #400 #600 Grit Length: 130 mm 
 - Hand: #200 #400 #600 Grit Length: 130 mm 
 - Hand: #200 #400 #600 Grit Length: 130 mm 
- Round: #600 Grit Length: 140 mm

Diamond Needle File Set - 10 pcs.

Order Code: **PFL 100** Shank: Ø3 / Length: 180 mm



Set Content:

- Flat: #200 Grit 5.5 x 1.5 mm 
- Half Round: #200 Grit 5.5 x 2.0 mm 
- Round: #200 Grit Ø3.0 mm 
- Square: #200 Grit 2.5 mm 
- Triangular: #200 Grit 3.5 mm 
- Crossing: #200 Grit 5.5 x 1.0 mm 
- Flat: #400 Grit 5.5 x 0.5 mm 
- Flat: #600 Grit 5.5 x 0.8 mm 
- Round: #400 Grit Ø2.0 mm 
- Riffler: #200 Grit 5.5 x 1.5 mm 

Diamond File Set - 5 pcs.

Order Code: **IF 500** Total Length: 215 mm
Diamond Length: 80 mm



- Ø5.2 
 - 9 x 4 
 - 11 x 4 
 - 8 mm 
 - 6 mm 
- Grit: #100
Round - Half Round - Flat - Triangular - Square

Diamond Tapered File Set - 10 pcs.

Order Code: **PTF 100**



4 different model

- Hand: #200 #400 #600 Grit Length: 130 mm 
 - Hand: #200 #400 #600 Grit Length: 130 mm 
 - Hand: #200 #400 #600 Grit Length: 130 mm 
 - Hand: #200 #400 #600 Grit Length: 130 mm 
- Round: #600 Grit Length: 140 mm

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

Polishing Equipment

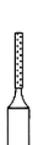
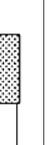
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

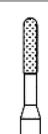
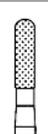


CBN Grinding Points

Code: **PEF**

These grinding points produced with electroplated method. They are designed for shaping and finishing hard materials including Tungsten Carbide and Ceramics. It is used at mould processing, mostly polishing runners or lapping other channels / holes areas making burrs and finishing.

									
Type:	10 A	15 A	20 A	25 A	30 A	35 A	40 A	50 A	30 V
D x L	1 x 8	1.5 x 8	2 x 8	2.5 x 8	3 x 10	3.5 x 10	4 x 10	5 x 10	3 x 10

									
20 B	30 B	50 B	15 C	20 C	25 C	30 C	35 C	40 C	50 C
Ø 2	Ø 3	Ø 5	1.5 x 8	2 x 8	2.5 x 8	3 x 10	3.5 x 10	4 x 10	5 x 10

									
20 F	30 F	50 F	20 P	30 P	15 R	20 R	30 R	20 T	30 T
2 x 10	3 x 10	5 x 10	2 x 12	3 x 15	1.5 x 10	2 x 12	3 x 14	2 x 10	3 x 10

							
40 Q	30 S	40 S	SPR 16	SPR 20	SPR 22	SPR 25	SPR
4 x 7	3 x 6	4 x 8	16 x 0.5	20 x 0.5	22 x 0.5	25 x 0.6	Ø 3

 Order: **PEF**. Type

Shank: Ø3 mm
Full Length of Products: 45 mm



Diamond CBN Set - 30 pcs.

Order Code: **BMS - 30**

Contains one each of below:
PEF.10A, 15A, 20A, 25A, 30A, 35A, 40A, 50A, 20B, 30B, 50B, 15C, 20C, 25C, 30C, 35C, 40C, 50C, 20P, 30P, 15R, 20R, 30R, 30S, 20F, 30F, 50F, 20T, 30T and 30V.

Diamond CBN Set - 20 pcs.

Order Code: **BMS - 20**

Contains one each of below:
PEF.10A, 15A, 20A, 25A, 30A, 35A, 15C, 20C, 25C, 30C, 20P, 30P, 15R, 20R, 30R, 20B, 30B, 20F, 30F and 20T.

Diamond CBN Set - Economic



* Contents are the same as the BMS set.

Order Code: **T20** 20 pcs.

Order Code: **T30** 30 pcs.

Diamond CBN Set - 50 pcs.

Order Code: **C280300**



Polishing Equipment

Needle File Set -12 pcs.
Order Code: **BSE12** BAHCO
Contains one file each of: Hand, flat, triangular, square, half round, crossing, round, knife, barrette, slitting, round-edge joint and marking. **Type of cut:** Fine, medium & coarse. * 3 x 160 mm



Needle File Set - 6 pcs.
Order Code: **BSE06** BAHCO
Contains one file each of: Hand, flat, half round, round, triangular and square. **Type of cut:** Medium * 3 x 160 mm

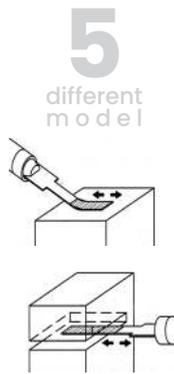


Needle File Set - 6 pcs.
Order Code: **1720** BETA
Contains one file each of: Hand, flat, half round, round, triangular and square. **Type of cut:** Medium * 3 x 160 mm



Needle File Set - 10 pcs. Economic
Order Code: **SE10**
Type of cut: Medium * 3 x 140 mm





Diamond Tip File Set Order Code: FAS 100T

10 pcs. & with extension bar.
Suitable for hand-held and Air File Tools.



- * Length: 60 • Width: 4 ~ 2 • Grit: #150 #200
- * Length: 60 • Width: 4 • Grit: #150 #200
- * Length: 70 • Width: 6 • Grit: #150 #200
- * Length: 90 • Width: 8 • Grit: #150 #200
- * Length: 90 • Width: 10 • Grit: #150 #200

Diamond Tapered File Set - 12 pcs.

Order Code: MTF 100



4
different
model

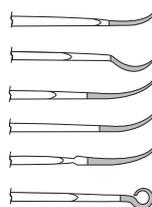
- | | | |
|---|-----|-----|
|  | 3 | 1.4 |
| #200 #400 #600 Grit Length: 72 mm | 0.3 | |
|  | 6 | 1.1 |
| #200 #400 #600 Grit Length: 72 mm | 0.3 | |
|  | 3 | 1.4 |
| #200 #400 #600 Grit Length: 56 mm | 0.3 | |
|  | 6 | 1.1 |
| #200 #400 #600 Grit Length: 56 mm | 0.3 | |

For Air File Tools.
Shank: \varnothing 3.0 mm

Diamond
Length: 15 mm

Diamond Riffler File Set - 6 pcs.

Order Code: BF 800 Shank: \varnothing 3.0 mm
Total Length: 155 mm



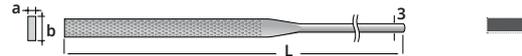
Contains one riffler file each of:
Crossing, hand, round, riffler, square and triangular.



Steel Needle Files

It is ideal to work in the smallest surfaces, profiles and angles.
It can be used with or without handles.

Steel Needle File - Hand Code: SLE



Order Code	Shank	a x b	L	Operation
SLE 140	\varnothing 3	5.5 x 1.35	140	4 cut
SLE 160		6.2 x 1.45	160	

Steel Needle File - Half Round Code: SYY



Order Code	Shank	a x b	L	Operation
SYY 140	\varnothing 3	5.0 x 1.75	140	3 cut
SYY 160		5.5 x 2.0	160	

Steel Needle File - Round Code: SYE



Order Code	Shank	a (tapered)	L	Operation
SYE 140	\varnothing 3	1.1 x 2.8	140	all sides
SYE 160		1.2 x 3.0	160	

Steel Needle File - Square Code: SKE



Order Code	Shank	a (tapered)	L	Operation
SKE 140	\varnothing 3	1.3 x 2.5	140	4 cut
SKE 160		1.4 x 2.7	160	

Steel Needle File - Triangular Code: SUE



Order Code	Shank	a (tapered)	L	Operation
SUE 140	\varnothing 3	1.0 x 3.2	140	3 cut
SUE 160		1.3 x 3.4	160	



File Cleaning Brushes

Order Code	Product
1737	145 mm / Brass Wire
1737 BA	294 mm / Soft Brass Wire
1737 NX	270 mm / Steel Wire



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

Polishing Equipment