



Mold And Die Makers Catalog



Abrasive grinding points series



Mold polishing stones series



Diamond grinding tools



Air micro grinding series



Wholesale grinding, polishing abrasive tools equipment for mold die maker

WHO
ARE
WE

The company Comprex s.r.o. was established in 1999 with a focus on distributing industrial components and steel blasting materials intended for the engineering, metallurgical, plastic and automotive industries.

Based on the requirements of our customers, we gradually expanded our range of products to include high-strength chains, textile suspending and fastening devices, tool springs, gas springs, punches, balotine-glass microspheres, corundum, cut wire, stainless steel granules, cast iron granules, automotive snow and motorcycle chains, quick couplers, venting screens, plastic injection molding machines and more...

Currently, Comprex s.r.o. is the exclusive representative of some significant European manufacturers.

CONTACT US

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Email : info@comprex.sk

Vitrified mounted points with shaft

This product is a ceramic bond sintered grinding wheel.

Main characteristics: Strong resistance to abrasion, Grinding force, With high-quality steel shaft, Wheel good concentricity.

Application: Metal grinding, Repairing, etc.

Material: (PA) Chromium corundum, (WA) White corundum, (A) Corundum, (GC) Green silicon carbide, (C) Black silicon carbide.

Non-standard or special specification can be customized production.



PA



C



39A



38A



A



WA

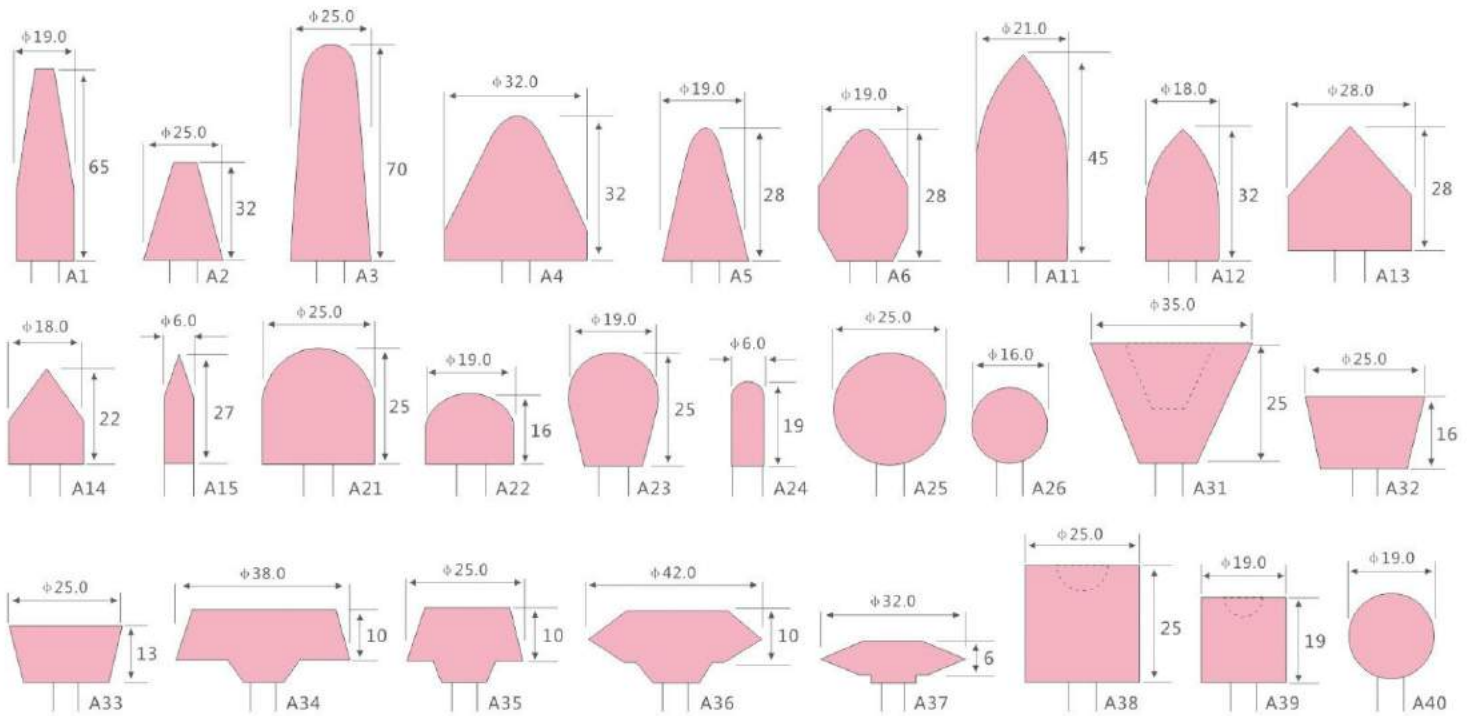


GC



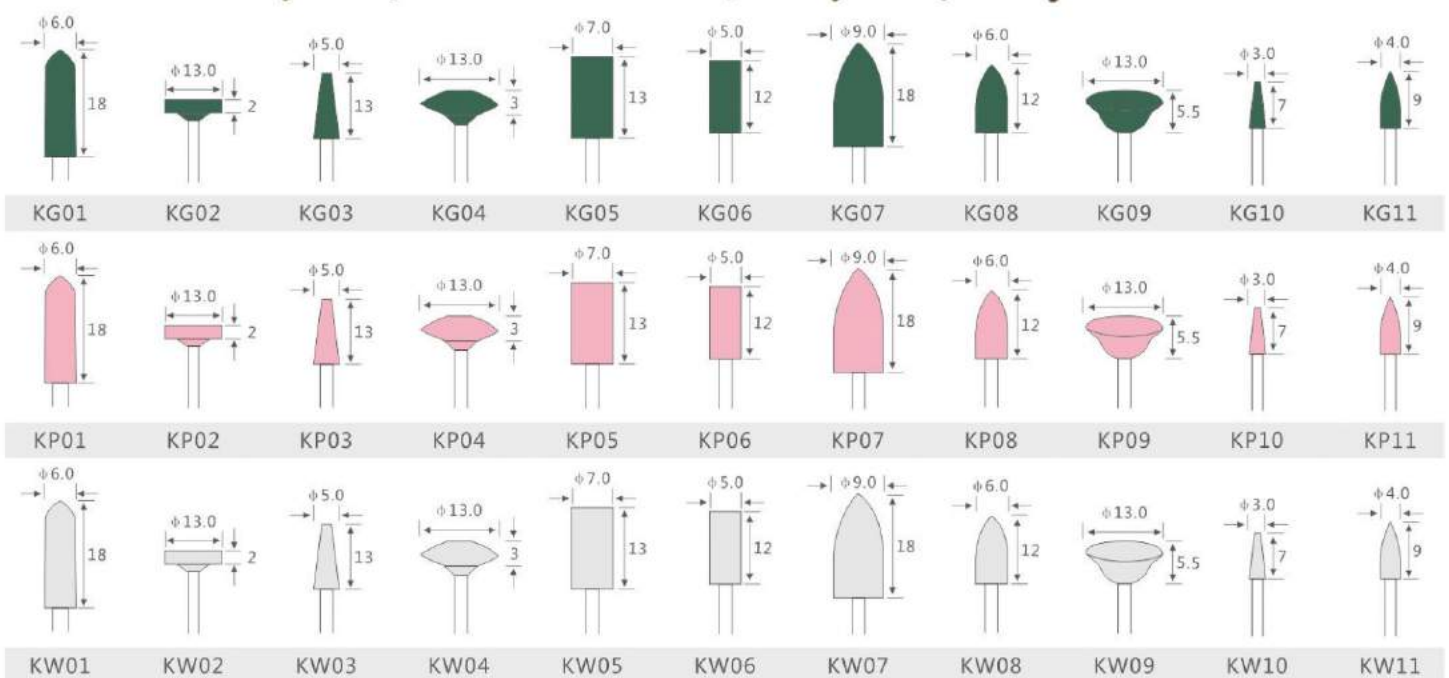
Mounted standard A type-6.0mm shank

Unit:mm



Dental special grinding wheel-2.34mm shank

Unit:mm

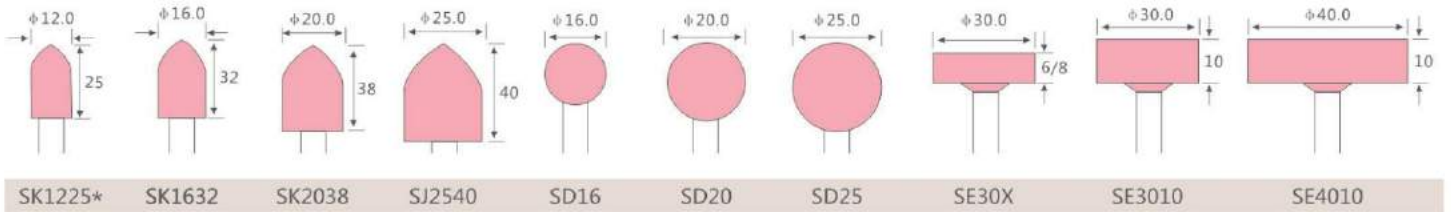
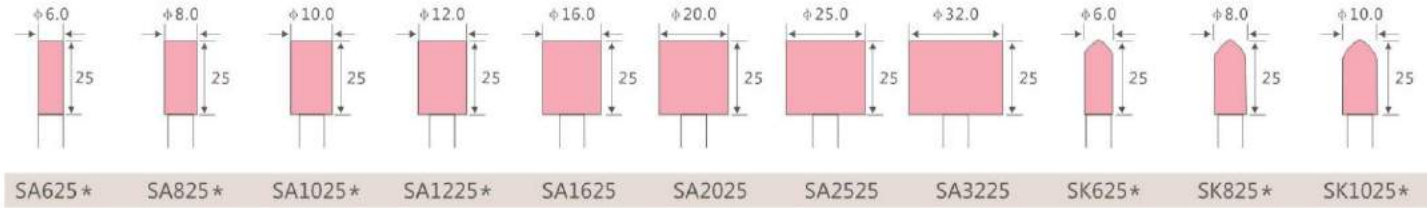


Materials and colours: Green (GC), White (WA), Pink (PA), Orange (38A), Blue(39A)

Mounted points-6.0mm shank



Unit:mm



Mounted special type



Small pneumatic grinding wheel

#60/Pink	#80/Pink	#100/Brwn	#120/Orange	#150/Blue	Granularity Color
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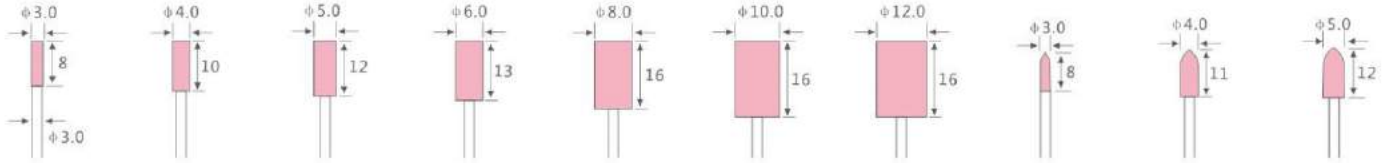
FS60	FS80	FS100	FS120	FS150	Order No.
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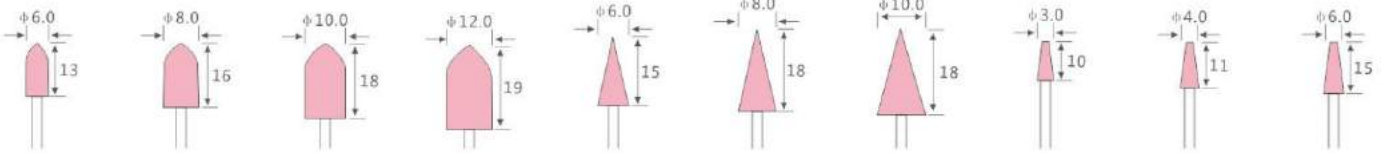
Mounted points-3.0mm,2.34mm shank



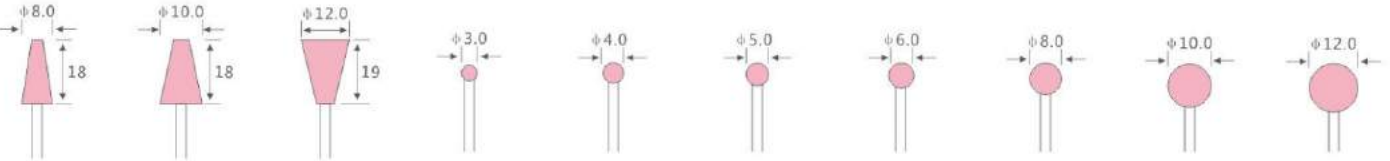
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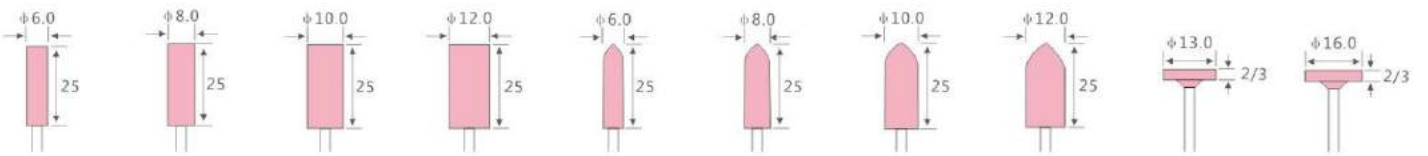
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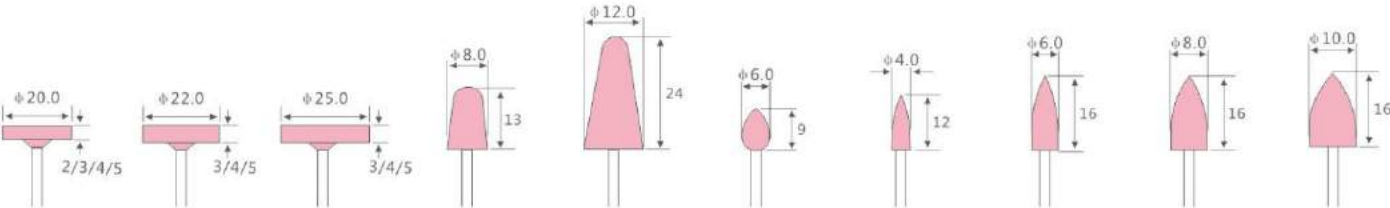
SK613 SK816 SK1018 SK1219 SP615 SP818 SP1018 SL310 SL411 SL615



SL818 SL1018 SN1219 SD3 SD4 SD5 SD6 SD8 SD10 SD12



SA625 SA825 SA1025 SA1225 SK625 SK825 SK1025 SK1225 SE13X SE16X



SE20X SE22X SE25X SR813 SR1224 SS609 SJ412 SJ616 SJ816 SJ1016

Noet: 3.0mm shank is standard,others 2.34mm depend on request.

Elastic mounted points

Elastic Mounted Points is divided into three types: Rubberize Point (# 120), Resinoid Point (# 180), Resinoid Point (# 240)

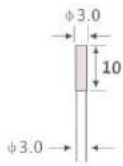
Main features: Elastic Mounted Points can be according to the accuracy requirement of the surface of workpieces, choose different abrasive granularity, can meet the requirements of different surface finish.

USES: Mainly used in the mold surface polishing after rough machining, aluminum alloy products, stainless steel, gold and silver jewelry and other non-ferrous metal surface polishing.

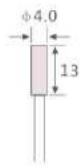


Elastic mounted points schematic diagram

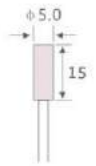
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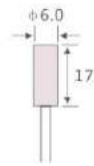
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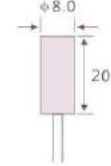
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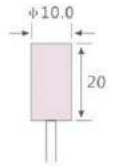
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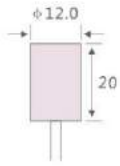
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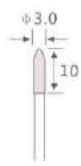
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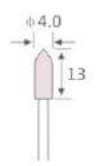
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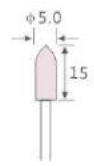
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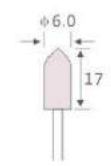
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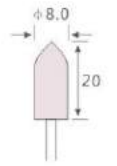
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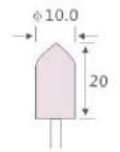
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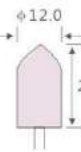
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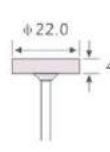
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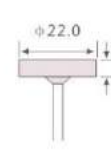
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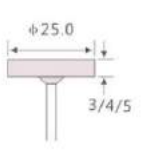
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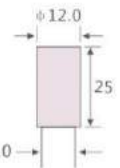
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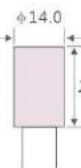
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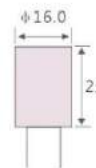
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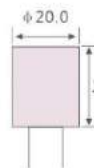
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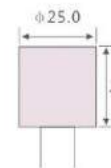
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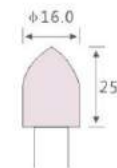
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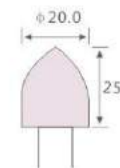
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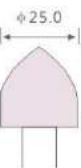
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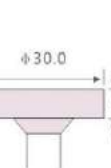
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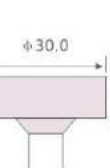
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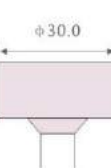
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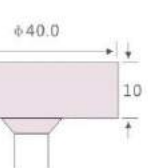
E3006



E3008



E3010



E4010



Resinoid Point



Rubberize Point



Rubber wheel



Special Section

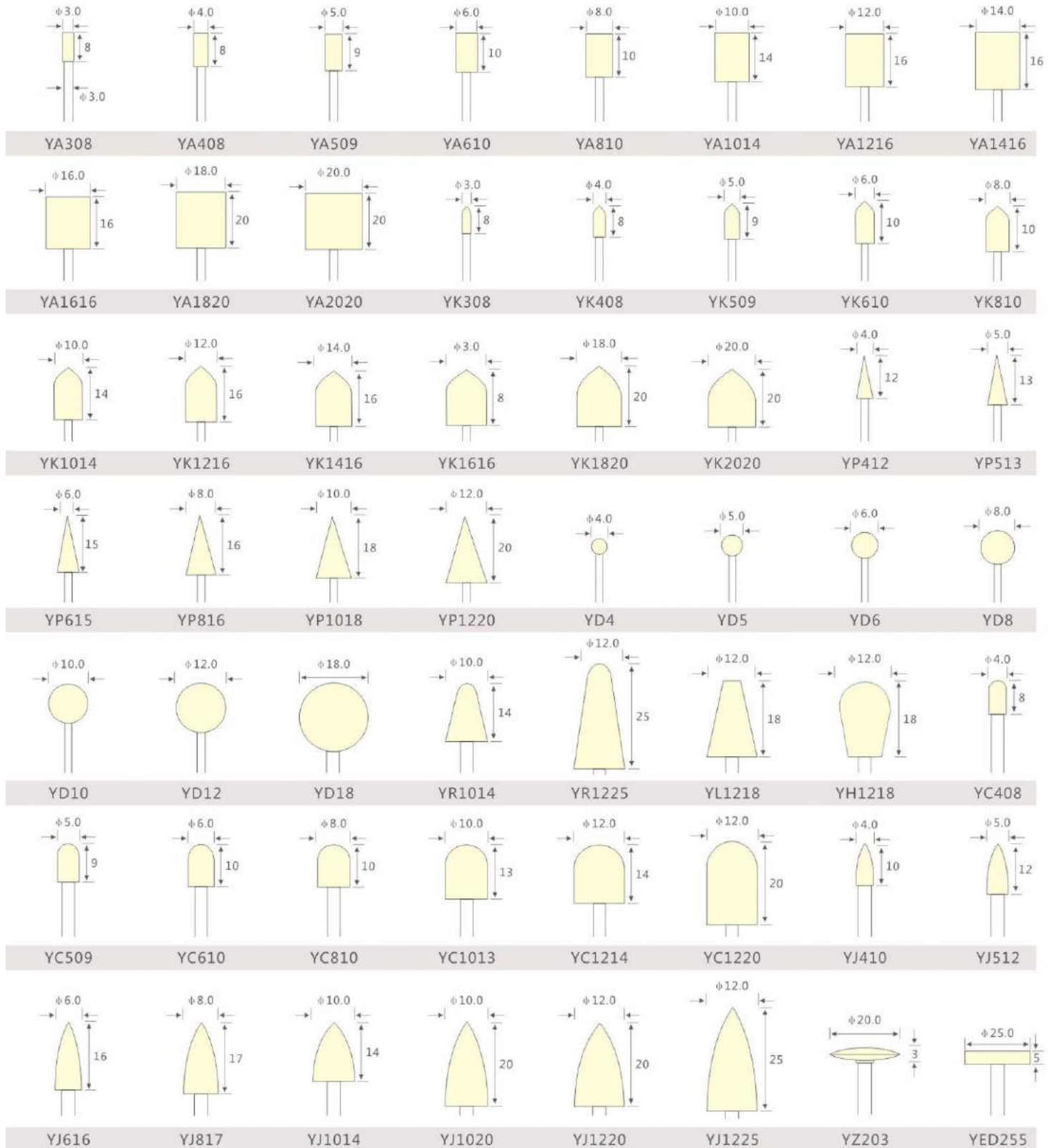
Felt product grinding series

The wool polishing series of materials imported 100% pure wool production, without glue and other materials its hardness by the density of wool itself support the use of the process, the optical effect of a high finish and good resistance to polishing and so on.



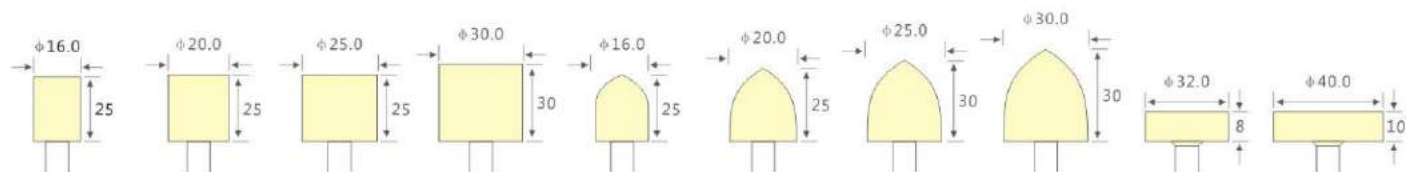
Felt bobs-3.0mm,2.34mm shank

Unit:mm




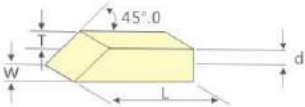


Felt bobs-6.0mm shank

Unit:mm



YA1625 YA2025 YA2525 YA3030 YK1625 YK2025 YK2530 YK3030 YE3208 YE4010

Other Felt products

Real figure	Dimensions(mm)	Order No.
	<p data-bbox="580 821 679 846">Felt Stick</p>  <p data-bbox="884 812 1043 838">6W*6T*45L*3d</p> <p data-bbox="884 857 1043 883">8W*8T*45L*3d</p> <p data-bbox="884 902 1070 927">10W*10T*45L*3d</p> <p data-bbox="884 946 1070 972">12W*12T*45L*3d</p>	<p data-bbox="1270 812 1334 838">YT 06</p> <p data-bbox="1270 857 1334 883">YT 08</p> <p data-bbox="1270 902 1334 927">YT 10</p> <p data-bbox="1270 946 1334 972">YT 12</p>
	<p data-bbox="587 1123 679 1149">Felt Disc</p>  <p data-bbox="884 1123 1027 1149">25D*3E*1.8K</p> <p data-bbox="884 1168 1027 1193">25D*4E*1.8K</p> <p data-bbox="884 1212 1027 1238">25D*5E*1.8K</p>	<p data-bbox="1270 1123 1347 1149">YE 253</p> <p data-bbox="1270 1168 1347 1193">YE 254</p> <p data-bbox="1270 1212 1347 1238">YE 255</p>
	<p data-bbox="587 1425 679 1451">Felt Coil</p>  <p data-bbox="884 1404 1043 1430">20W*1E*1000L</p> <p data-bbox="884 1449 1043 1474">20W*2E*1000L</p> <p data-bbox="884 1493 1043 1519">20W*3E*1000L</p> <p data-bbox="884 1538 1043 1564">25W*2E*1000L</p> <p data-bbox="884 1583 1043 1608">25W*2E*1500L</p> <p data-bbox="884 1627 1043 1653">25W*3E*1500L</p>	<p data-bbox="1270 1404 1362 1430">YG 2011</p> <p data-bbox="1270 1449 1362 1474">YG 2021</p> <p data-bbox="1270 1493 1362 1519">YG2031</p> <p data-bbox="1270 1538 1362 1564">YG2521</p> <p data-bbox="1270 1583 1362 1608">YG2522</p> <p data-bbox="1270 1627 1362 1653">YG2532</p>
	<p data-bbox="564 1727 775 1753">Mandrel For Felt Disc</p> <p data-bbox="884 1727 979 1753">d2.34mm</p> <p data-bbox="884 1772 979 1798">d3.0mm</p> <p data-bbox="884 1817 979 1842">d3.0mm</p>	<p data-bbox="1270 1727 1347 1753">KB 234</p> <p data-bbox="1270 1772 1347 1798">KB 300</p> <p data-bbox="1270 1817 1362 1842">KB 300A</p>

Mold polishing stones series

BLACKCOW super fine oil stone

BLACKCOW blacksmith oil stone

BLACKCOW coarse mesh oil stone

Ruby oil stone

CERATON ceramic fiber stone

Mini ceramic fiber stones

Tool holders



Blackcow super fine oil stone



BLACKCOW Super fine oil stone are specially for removing the hard scale generated by the EDM process on all type of mold and die steels.

color	Grit Size	Specifications	packaging	Order No.
AO	#150 #180 #220 #320 #400 #600	1/4*1/8*6" 1/2*1/8*6" 1/2*1/4*6"	36PCS 24PCS 12PCS	BCO 063 BCO 133 BCO 136
AS	#150 #180 #220 #320 #400 #600	1/4*1/8*6" 1/2*1/8*6" 1/2*1/4*6"	36PCS 24PCS 12PCS	BCS 063 BCS 133 BCS 136
AO	#800 #1000 #1200 #1500 #2000	1/4*1/8*6" 1/2*1/8*6" 1/2*1/4*6"	36PCS 24PCS 12PCS	BCH 063 BCH 133 BCH 136

Blackcow blacksmith oil stone



BLACKCOW Blacksmith oil stone mainly used for cutting tools, smelting equipment and fixture, fine grinding the modified fine grinding or flash processing.

Specifications	Grit size	Order No.
200*50*25 (Single)	#80 #100 #120 #150 #240 #320 #400 #600 #800 #1000 #1200 #1500 #2000 #3000	BCD 821
200*50*25 (Double Sided)	#120 / #400	BCS 821
100*25*13	#80 #100 #120 #150 #240 #320 #400 #600 #800 #1000 #1200 #1500 #2000 #3000	BCS 41B





Coarse grit size oil stone	(mm) Specifications	Order No.
	200*50*25	BCC 821
	200*25*25	BCC 41B



Coarse grit size oil stone is widely used in mould manufacturing, grinding wheel grinding, wire wheel to sharpen and so on, the product is durable, high efficiency, good self-sharpening!

Ruby oil stone

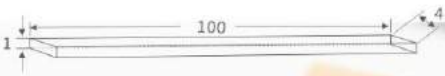

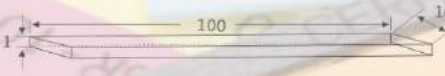
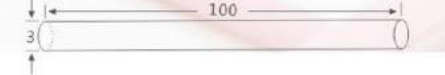
Ruby oil stone products into rosy, via high temperatures sintering and become compact and tender, has the very high hardness and strength. In grinding workpiece, can in a long period, keep sharp edges and stable geometrical shape. Suitable for processing toughness high hardness steel, alloy steel, precision measuring tool and instrumentation parts finish requirement high workpiece. Non standard specifications need customized specify.

Real figure	Dimensions (mm)	Order No.	
	200*50*25	HBS 821C	
	100*25*13	HBS 2513	
	100*20*10	HBS 2010	
	100*10*6	HBS 106	
	100*10*5	HBS 105	
	100*10*4	HBS 104	
	100*10*3	HBS 103	
	100*10*2	HBS 102	
	100*6*3	HBS 63	
	100*6*2	HBS 62	
	100*4*2	HBS 42	
		100*10*10	HBS 1010
		100*8*8	HBS 88
100*6*6		HBS 66	
100*4*4		HBS 44	
100*2*2		HBS 22	
	100*10	HBS J10	
	100*8	HBS J8	
	100*6	HBS J6	
	100*4	HBS J4	
	100*3	HBS J3	
	100*10	HBS D10	
	100*8	HBS D8	
	100*6	HBS D6	
	100*5	HBS D5	
	100*4	HBS D4	
	100*3	HBS D3	
	100*2	HBS D2	

Soft scoured sharpening stone	(mm) Dimensions	Grit Size	Order No.
<p>Soft scoured sharpening stone to metal, wood, paint plastic, rubber, stainless steel and paper surface cleaning and pull lines, has no damage to the surface of workpiece, leaving no blemish to wait magical action. Especially in automobile coating burnish, all kinds of machining polishing, derusting have very powerful advantage.</p>	80*50*20	#30	SM 852030
	80*50*20	#60	SM 852060
	80*50*20	#120	SM 852120
	80*50*20	#240	SM 852240



CERATON ceramic fiber stone

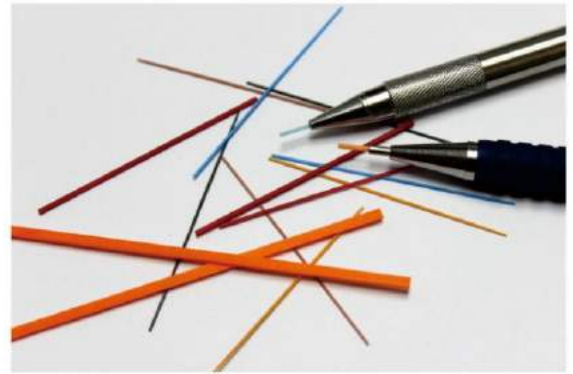
Real figure	Dimensions(mm)	Grit Sitze	Colour	Order No.
	1*4*100	#180	Coffee	CSC 1004
		#250	Orange	CSO 1004
		#280	Black	CSD 1004
		#360	Navy Blue	CSN 1004
		#400	Blue	CSB 1004
		#700	Yellow	CSY 1004
		#1000	Pink	CSP 1004
	1*6*100	#1200	Red	CSR 1004
		#180	Coffee	CSC 1006
		#250	Orange	CSO 1006
		#280	Black	CSD 1006
		#360	Navy Blue	CSN 1006
		#400	Blue	CSB 1006
		#700	Yellow	CSY 1006
	1*10*100	#1000	Pink	CSP 1006
		#1200	Red	CSR 1006
		#180	Coffee	CSC 1010
		#250	Orange	CSO 1010
		#280	Black	CSD 1010
		#360	Navy Blue	CSN 1010
		#400	Blue	CSB 1010
	3*100	#700	Yellow	CSY 1010
		#1000	Pink	CSP 1010
		#1200	Red	CSR 1010
		#180	Coffee	CDC 30
		#250	Orange	CDO 30
		#280	Black	CDD 30
		#360	Navy Blue	CDN 30
		#400	Blue	CDB 30
		#700	Yellow	CDY 30
		#1000	Pink	CDP 30
		#1200	Red	CDR 30

Grit Size	Applications
#180 #250 #280	To remove the rough machining sur face or hard EDM scale of tool and die steels.
#360 #400	General lapping of finer surface scratch line of tool # die steels.
#700 #1000 #1200	Fine polishing # finishing.
3.0mm Round	It can be used like grinding point (max. length 50mm),or by shar pening it for detail lapping.

In order to reach the best performance,we recommend that the stone should be held up-right by making an angle of approx.30-45°to the work-piece.

MINI ceramic fiber stones

Mini Ceramic Fiber Stones is good for all type lf molds and dies fine and super fine finishing.Especially for engraving parts,slight ribs,R ribs,comlicated area and details.

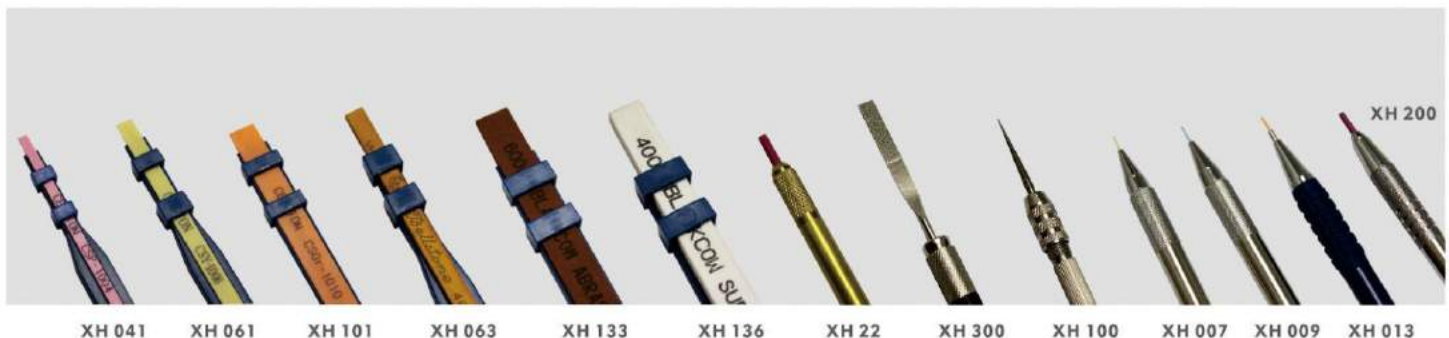


Specifications (mm) Dimensions	Grit Size or Order No.				Holder
	#250#	#400#	#700	#1200	
0.5*0.5*50L	MOS 055	MBS 055	MYS 055	MRS 055	XH 007
0.7*0.7*50L	MOS 075	MBS 075	MYS 075	MRS 075	XH 009
0.9*0.9*50L	MOS 095	MBS 095	MYS 095	MRS 095	XH 013
1*2*100L	MOS 121	MBS 121	MYS 121	MRS 121	XH 200



Tool holders

Order No.	Holding Capacity(mm)	Applications
XH 007	Square 0.5*0.5	For Mini Fiber Stone
XH 009	Square 0.7*0.7	For Mini Fiber Stone
XH 200	Flat 2*1	For Mini Fiber Stone
XH 013	Square 0.9*0.9	For Mini Fiber Stone
XH 22	Round 3.0	For Fiber Stone
XH 041	Flat 4*1	For Fiber Stone
XH 061	Flat 6*1	For Fiber Stone
XH 101	Flat 10*1	For Fiber Stone
XH 062	Flat 6*2-6*3	For Oil Stone
XH 133	Flat 13*3	For Oil Stone
XH 136	Flat 13*6	For Oil Stone



XH 041 XH 061 XH 101 XH 063 XH 133 XH 136 XH 22 XH 300 XH 100 XH 007 XH 009 XH 013



Bellstone oil stone

	120# 150# 180# 240#	320#	400#	600#	800#	1000#	1200#	1500#	2000#	3000#
1.5x6x100 2x6x100 3x6x100	10.75	11.90	11.90	12.76	12.76	13.91	15.25	16.69	18.42	20.44
1.5x13x100 3x13x100	11.90	12.76	12.76	13.91	13.91	15.25	16.69	18.42	20.44	21.87
3x6x150	13.91	14.97	14.97	16.02	16.02	17.17	19.00	20.72	22.93	25.14
3x3x150	11.80	12.76	12.76	13.62	13.62	14.49	15.93	17.46	19.19	21.11
6x6x150	16.20	17.17	17.17	18.42	18.42	19.76	21.87	23.79	26.38	28.88
3x13x150	19.48	20.44	20.44	21.39	21.39	23.31	25.62	28.40	30.99	34.35
5x13x150	19.48	20.44	20.44	21.39	21.39	23.31	25.62	28.40	30.99	34.35
10x10x150	24.77	26.10	26.10	27.29	27.29	30.15	33.12	36.47	40.04	43.84
13x13x150	32.28	35.87	35.87	40.98	40.98	44.80	49.68	54.77	60.41	66.26
25x25x150	55.41	62.80	62.80	87.58	87.58	96.16	105.70	116.53	128.44	141.20



BORIDE oil stone

	AS-9 150# 180# 220#	AS-9 320# 400#	AS-9 600#	AO-9 150# 220#	AO-9 320# 400#	AO-9 600#
1/16x1/4	16.80	18.80	26.00	16.10	18.20	21.80
1/16x1/2	17.30	19.30	23.10	17.20	19.40	21.80
1/8x1/8	17.30	19.30	26.00	17.20	19.40	21.80
1/8x1/4	16.30	17.40	21.20	16.20	17.40	20.20
1/8x1/2	18.20	19.30	23.90	18.10	19.40	23.50
1/4x1/4	16.30	17.50	21.20	16.80	17.50	20.20
1/4x1/2	21.40	22.70	29.40	20.70	22.60	27.30
1/4ROUND	31.50	41.80	49.00	31.50	41.80	47.70
3/8ROUND	38.40	43.70	50.20	38.40	43.70	48.40

Diamond grinding tools

The main points: strong cutting power and durability.

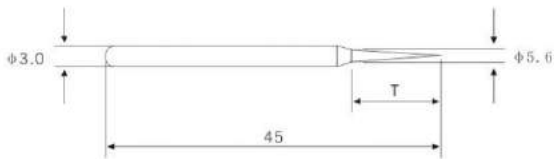
The main purpose: for grinding hard alloy steel, all kinds of moulds, stone, glasses, jade article gem, teeth bones, all kinds of hard & fragile materials.



Diamond Taper points

The main points: High precision, fast grinding and cutting, less heat, durability and ect.

The main purpose: for grinding hard alloy steel, all kinds of moulds, stone, glasses, jade article, gem, teeth, bones, all kinds of hard ak or frangible materials.



Unit:mm

Order No.	10A	15A	20A	25A	30A	35A	40A	50A	60A	10C	15C	20C	25C	30C
φD	1	1.5	2	2.5	3	3.5	4	5	6	1	1.5	2	2.5	3
T	8	8	8	8	10	10	10	10	10	8	8	8	8	10

Order No.	35C	40C	50C	60C	20T	30T	30V	13R	14R	15R	20R	30R	20P	30P
φD	3.5	4	5	6	2	3	3	1.2	1.5	1.5	2	3	2	3
T	10	10	10	10	10	10	10	16	13	10	12	14	12	15

Order No.	40P	50P	60P	20F	30F	40F	50F	60F	30J	40J	50J	60J	10B	15B
φD	4	5	6	2	3	4	5	6	3	4	5	6	1	1.5
T	15	15	13	10	12	10	10	12	14	9	10	13	-	-

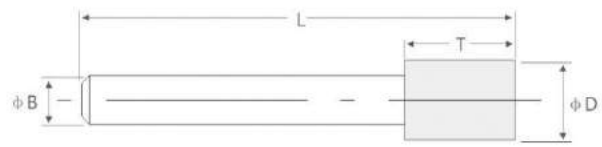
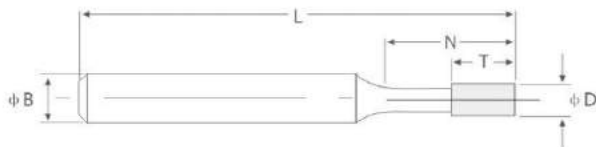
Order No.	20B	25B	30B	40B	50B	60B	80B	30Q	40Q	50Q	60Q	20S	30S	40S
φD	2	2.5	3	4	5	6	8	3	4	5	6	2	3	4
T	-	-	-	-	-	-	-	5	7	9	10	4	6	8

Note : Has the size of *, cannot provide 2.34 mm handle.

Diamond, CBN internal points



@ Diamond internal points are used for jig, internal grinding, and precision grinding of small holes in.
 @ CBN internal points are used similarly on tough, high carbon, high chrome harden steels.



Unit:mm

D	T	L	B	Grit Size	Order No.	
					Diamond	CBN
1	5	45	3	100# 150# 200# 400#	ID 3010	IB 3010
1.5	5	45	3	100# 150# 200# 400#	ID 3015	IB 3015
2	5	45	3	100# 150# 200# 400#	ID 3020	IB 3020
2.5	5	45	3	100# 150# 200# 400#	ID 3025	IB 3025
3	5	45	3	100# 150# 200# 400#	ID 3030	IB 3030
3.5	5	45	3	100# 150# 200# 400#	ID 3035	IB 3035
4	5	45	3	100# 150# 200# 400#	ID 3040	IB 3040
5	8	45	3	100# 150# 200# 400#	ID 3050	IB 3050
6	8	45	3	100# 150# 200# 400#	ID 3060	IB 3060
3	10	80	6	100# 150# 200# 400#	ID 6030	IB 6030
3.5	10	80	6	100# 150# 200# 400#	ID 6035	IB 6035
4	10	80	6	100# 150# 200# 400#	ID 6040	IB 6040
5	10	80	6	100# 150# 200# 400#	ID 6050	IB 6050
6	10	80	6	100# 150# 200# 400#	ID 6060	IB 6060
7	10	80	6	100# 150# 200# 400#	ID 6070	IB 6070
8	10	80	6	100# 150# 200# 400#	ID 6080	IB 6080
9	10	80	6	100# 150# 200# 400#	ID 6090	IB 6090
10	10	80	6	100# 150# 200# 400#	ID 6100	IB 6010
11	10	80	6	100# 150# 200# 400#	ID 6110	IB 6110
12	10	80	6	100# 150# 200# 400#	ID 6120	IB 6120

Grit size in the above table is standard for that item, others are available upon request.



MTP 120



PTF 10




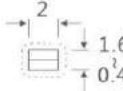

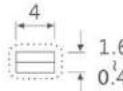

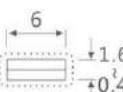


CF 400




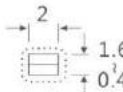

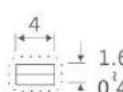

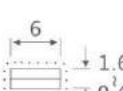


CF 400A

Diamond Tapered hand files

Unit:mm

PTF - 10 single pack	(mm) Total Length	(mm) Dia.Length	Cross-Section	Grit Size	Order No.
	130	30		#200 #400 #600	PTF 12F PTF 12V PTF 12X
	130	30		#200 #400 #600	PTF 14F PTF 14V PTF 14X
	130	30		#200 #400 #600	PTF 16F PTF 16V PTF 16X
	140	50		#200 #400 #600	PTF 103F PTF 103V PTF 103X

Unit:mm

CF-400 single pack	(mm) Total Length	(mm) Dia.Length	Cross-Section	Grit Size	Order No.
	180	40		#150 #200 #400	CF 402J CF 402F CF 402V
	180	50		#150 #200 #400	CF 404J CF 404F CF 404V
	180	50		#150 #200 #400	CF 406J CF 406F CF 406V
	180	50		#150 #200 #400	CF 408J CF 408F CF 408V

MTP 120 12 pcs.set in pvc pouch	(mm) Size Specification	Grit Size	Order No.
		#150	MTP 12J
		#200	MTP 12F
		#300	MTP 12H
		#400	MTP 12V
		#600	MTP 12X
		#600	MTP 12X
		#150	MTP 14J
		#200	MTP 14F
		#300	MTP 14H
		#400	MTP 14V
		#600	MTP 14X
		#600	MTP 14X
		#150	MTP 16J
		#200	MTP 16F
		#300	MTP 16H
		#400	MTP 16V
		#600	MTP 16X
		#600	MTP 16X

Diamond Stones	Dimensions W-(R)-X-L (mm)	Shank Material	Order No.
	10-2-40	Plastic shank	RSH 01
	5-2.5R-4-40	Steel shank	RSH 03
	10-2-30	Aluminum shank	RSH 04
	10-3-120	-	RS 103
	6-3-100	-	RS 063
	6-2-100	-	RS 062
	4-4-100	-	RS 044
	D3*100	-	RS D3
Grit Size : #200 #400 #600 #800 #1000 #1200 #1800 #2000 #3000 #5000			

Diamond Foils	Order No.
 <p>Grit Size : #120 #150 #200 #300 #400 #600 #800 #1200 #1500</p> <p>Dimensions : 50mm*100mm</p>	ZS 105

Resin Grinding Head	Order No.
 <p>Dimensions: 4*15*3 6*15*3 8*15*3 10*15*3 12*15*3</p> <p>Grit Size : #180</p>	SZ 300

Diamond needle files 10pcs/set

Single Detail	Cross-section	Grit Size	Order No.		
			D3*140L	D4*160L	D5*180L
		120#	ZS 301	ZS 401	ZS 501
		120#	ZS 302	ZS 402	ZS 502
		120#	ZS 303	ZS 403	ZS 503
		120#	ZS 304	ZS 404	ZS 504
		120#	ZS 305	ZS 405	ZS 505
		120#	ZS 306	ZS 406	ZS 506
		120#	ZS 307	ZS 407	ZS 507
		120#	ZS 308	ZS 408	ZS 508
		120#	ZS 309	ZS 409	ZS 509
		120#	ZS 310	ZS 410	ZS 510



D 3140




D 4160



D 5180

Diamond knife flat file

(mm) / Single Detail	Total Length	Dia. Length	Diamond Wide	Grit Size	Order No.
	6"	130	12~15	#120	ZS 60
	8"	175	13~18	#120	ZS 80
	10"	220	14~23	#120	ZS 100
	12"	265	15~26	#120	ZS 120



Please indicate the order size in different shapes.

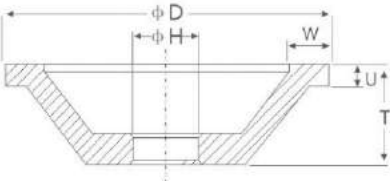
Diamond Compounds	Micron Range (um)	Mesh Size (Approx.)	Order No.
<p>Diamond Compounds Remark:</p> <p>1.KENI Diamond Compounds Oil soluble is standard carries,other carries depend on your request.</p> <p>2.Containers plastic syringes 5 grams per syringe.</p> <p>3.We also supply thinners for your special applications.</p>	0.5(0-1)	#28,000	ZSG 280
	1(0-2)	#14,000	ZSG 140
	3(2-4)	#8,000	ZSG 080
	4.5(3-6)	#5,000	ZSG 050
	6(4-8)	#3,000	ZSG 030
	8(6-10)	#2,000	ZSG 020
	9(6-12)	#1,800	ZSG 018
	13(10-16)	#1,500	ZSG 015
	15(10-20)	#1,200	ZSG 012
	17.5(15-20)	#1,000	ZSG 010
	25(20-30)	#800	ZSG 008
	35(30-40)	#600	ZSG 006
	50(40-60)	#400	ZSG 004
	90(80-100)	#200	ZSF 002



Diamond Micron Powders	Micron Range (um)	Mesh Size (Approx.)	Order No.
<p>Diamond Micron Powders Remark:</p> <p>1.Our micron powders are precision graded from virgin material and especially designed for lapping and polishing operations. Particularly,those requiring the strictest dimensions accuracy and the finest surface finish.</p> <p>2.For works that require ultra high finish,we also supply powders with closer tolerance of the micron range upon your request.</p>	0.5(0-1)	#28,000	ZSF 280
	1(0-2)	#14,000	ZSF 140
	3(2-4)	#8,000	ZSF 080
	4.5(3-6)	#5,000	ZSF 050
	6(4-8)	#3,000	ZSF 030
	8(6-10)	#2,000	ZSF 020
	9(6-12)	#1,800	ZSF 180
	13(10-16)	#1,500	ZSF 015
	15(10-20)	#1,200	ZSF 012
	17.5(15-20)	#1,000	ZSF 010
	25(20-30)	#800	ZSF 008
	35(30-40)	#600	ZSF 006
	50(40-60)	#400	ZSF 004
	90(80-100)	#200	ZSF 002



Electroplated diamond wheels

Dimensions	D	T	W	H	U	Grit Size	Order No.
	100	22/35	10	20/19.05	5	#100	ZSL 100
	100	22/35	10	20/19.05	5	#150	ZSL 150
	100	22/35	10	20/19.05	5	#200	ZSL 200
	100	22/35	10	20/19.05	5	#300	ZSL 300
	100	22/35	10	20/19.05	5	#400	ZSL 400
	100	22/35	10	20/19.05	5	#600	ZSL 600


Ideal for carbide tool's grinding, forming and sharpening.



Coned diamond dressers



For forming accurate radii and forms on grinding wheels.

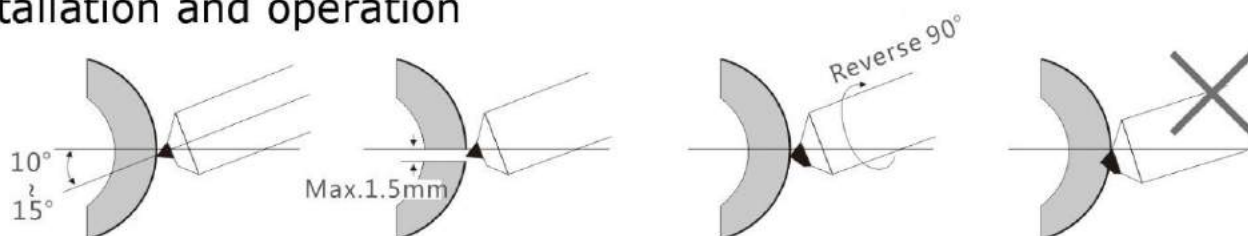
Schematic Diagram	(V)	(R)	Diamond Material	Order No.
	60°	0.02-0.03R	1/8*2"L	ZX 30
	60°	0.02-0.03R	1/4*2"L	ZX 60
	60°	0.02-0.03R	3/8*2"L	ZX 100

Single point diamond dressers

Schematic Diagram	Specifications	Dia.Wt.Code /Approx.Wt.	Grinding Wheels Size(mm)	Order No.
	D8*50L	0.25CT	150*25C or smaller	ZX 25
	D10*50L	0.5CT	150-300*25	ZX 50
	D10*80L	#10	150*25C or smaller	ZXA 10
	D10*150L	#25	150-300*25	ZXA 25
	D12*50L	#33	150-300*25	ZXA 33
	D12*80L	#50	300-450*25-40	ZXA 50
	D12*150L	#100	600 or larger	ZXA 100

When ordering, please specify order no. & Shank size or detail drawing.


Installation and operation



Multi point diamond dressers

Schematic Diagram	Total Stone Weight	Nos. of Stone	Nos. of Stone Layer	Order No.
	1.0 Carat	3	1	ZXD 03
	1.0 Carat	5	1	ZXD 05
	1.4 Carat	7	1	ZXD 07

Impregnated diamond dressers

Schematic Diagram	Size of Shank	Grit Size	Order No.
	D10*50	F: Fine	ZXF 1050
	D10*100	F: Fine	ZXF 1010
	D12*100	F: Fine	ZXF 1210
	D10*50	R: Coarse	ZXR 1050
	D10*100	R: Coarse	ZXR 1010
	D12*100	R: Coarse	ZXR 1210

For centerless, cylindrical, surface grinding. Wheel size: 300*25 to 500*63

AP-235 small rotating electric grinding



Control of the host
Control the host : AC 90~250V,50、60Hz
Output power : 70 watt
A brush motor output voltage : 5~32V
Maximum load current bao : 3A
Fuse : 2A
Size : 192*156*98 mm
Net weight : 800g

Rotary handpiece(brush type)
Speed : 35000 rpm Torque : 2.9 Ncm
Size : 29*152mm Weight : 260g

Applications: For polishing & Grinding of the mold & die; Require precise speed control while processing; For carving hard & brittle materials or work-piece requiring high-speed procession; For fine engraving or polishing of stone, glass and jewelry.

Ultrasonic lapping machine

AR-108

SingleFunction Practical Type



- *Ultrasonic lapping function only.
- *The machine provides reliable quality and good performance.
- *Max.40 watts output that satisfy difference of polishing works.
- *It is not only effective for alpping task,but also good for correction of PCB patterns.

AR-600(E)

Dual-functionPowerful Type



- All new design. with high-efficiency microprocessor that gives the machine with more steady and effective performance.
- *This dual-function machine provides you the versatility of both Ultrasonic and mechanical polishing.
- *Max.45 watts Ultrasonic output makes polishing job more effective.
- *Brush DC motor output is 5-30 volt and output power is 60 watts.

Applications: For polishing & Grinding of the mold & die; Require precise speed control while processing; For carving hard & brittle materials or work-piece requiring high-speed procession; For fine engraving or polishing of stone, glass and jewelry.

Air Micro Grinder Series

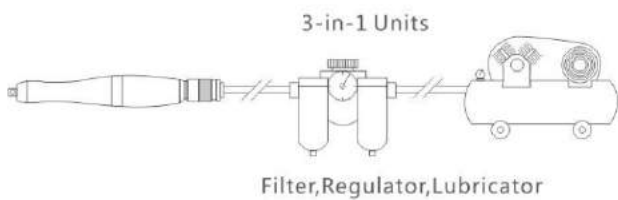
Air Grinders

Pneumatic Reciprocating Lappers

Pneumatic Sanda Machine

Pneumatic Plane Grinding Machine

Pneumatic Ultrasonic Lapping Machine



(Need lubricator oil)



(Use ear plug)



(Use eye protector)

Air Grinders

Durable Type		Order No.
	Packaging Speed 65000rpm Chuck 3.0mm Weight 130g Length 156mm	KI 600

Low air volume, high torque, good quality, suitable for precision grinding and finishing homework.

Mute Type		Order No.
	Packaging Speed 65000rpm Chuck 3.0mm 2.38mm Weight 76g Length 140mm	KI 5168

The fuselage lightweight, precision, suitable for precision grinding and finishing homework.

High precise		Order No.
	Packaging Speed 60000rpm Chuck 3.0mm 2.38mm Weight 180g Length 142mm	KI 260


Excellent precision, suitable for precision grinding and finishing homework.

High speed type		Order No.
	Packaging Speed 80000rpm Chuck 3.0mm 2.38mm Weight 160g Length 142mm	KI 380

High speed, suitable for precision grinding and carving.







Industrial type high torque		Order No.
	Packaging Speed 35000rpm Chuck 3.0mm 6.0mm Weight 170g Length	KI 300

Heavy load, high torque, universal suitable for removal of burrs chamfering, tungsten steel cutter milling and welding surface grinding in addition to, and so on.

precise		Order No.
	Packaging Speed 65000rpm Chuck 3.0mm Weight 76g Length 230mm	KI 3BSN

The fuselage lightweight, good concentricity, suitable for precision grinding and finishing homework.

Air Grinders

<p>High torque type</p>	<p>Order No.</p>
<div style="display: flex; align-items: center;">  <div> <p>Packaging Speed 65000rpm Chuck 3.0mm 2.34mm Weight 130g Length 180mm</p> </div> </div>	<p>NAK 180</p>
<p>Large torque, economical and practical, suitable for precision grinding and finishing homework.</p>	
<p>90° Angle Surface grinder</p>	<p>Order No.</p>
<div style="display: flex; align-items: center;">  <div> <p>Packaging Speed 23500rpm Chuck M7 Weight 170g Length 140mm</p> </div> </div>	<p>KIW 093N</p>
<p>Suitable for surface grinding, chamfering and welding surface finishing.</p>	
<p>45° Angle Surface grinder</p>	<p>Order No.</p>
<div style="display: flex; align-items: center;">  <div> <p>Packaging Speed 23500rpm Chuck M7 Weight 180g Length 153mm</p> </div> </div>	<p>KIW 123N</p>
<p>Suitable for surface grinding, chamfering and welding surface finishing.</p>	
<p>45° Air Grinders</p>	<p>Order No.</p>
<div style="display: flex; align-items: center;">  <div> <p>Packaging Speed 52500rpm Chuck 3.0mm Weight 140g Length 153mm</p> </div> </div>	<p>KIW 121N</p>
<p>Suitable for repairing the knife grinding, groove, the grinding operation of rib.</p>	
<p>90° Angle Surface grinder</p>	<p>Order No.</p>
<div style="display: flex; align-items: center;">  <div> <p>Packaging Speed Chuck M7 Weight 170g Length 158mm Collocation</p> </div> </div>	<p>KID 093N</p>
<p>Mechanical transmission type, strong torque, it is suitable for surface grinding, chamfering and welding surface finishing.</p>	
<p>Angle Surface grinder</p>	<p>Order No.</p>
<div style="display: flex; align-items: center;">  <div> <p>Packaging Speed 18000rpm Chuck M6 Weight 650g Length 163mm</p> </div> </div>	<p>KIP 2C</p>
<p>Applicable to large plane grinding and polishing operations.</p>	

Pneumatic reciprocating lappers

Turbo Air Lappers		Order No.
	Packaging Speed 30000prm Stroke 0.3mm Weight 220g Length 200mm	KIS 03

Low noise, low vibration, long life, applicable to mould small part machining.

Turbo Air Lappers		Order No.
	Packaging Speed 30000prm Stroke 0.6mm Weight 200g Length 220mm	KIS 06

High torque, heavy load, without refueling, comfortable and efficient and large-area in grinding.

Turbo Air Lappers		Order No.
	Packaging Speed 28000rpm Stroke 0.7mm Weight 220g Length 200mm	KIS 07

High torque, heavy load, long life, comfortable and in high efficiency and a large area of grinding.

Swing Air Lappers		Order No.
	Packaging Speed 11000rpm Stroke 1.0mm Weight 235g Length 230mm	KIS 098






Apply mold shallow groove rib, rib, deep, cavities and jointing surface of grinding, etc.

Turbo Air Lappers		Order No.
	Packaging Speed 30000prm Stroke 0.6mm Weight 200g Length 220mm	TU 06

Lightweight body, widely used in mold high efficiency grinding operation.

wind page type Air Lappers		Order No.
	Packaging Speed 25000rpm Stroke 0.6mm Weight 269g Length 220mm	AR 06

Low noise, low vibration, stable performance and is suitable for the mold fine grinding of parts.

Pneumatic horizontal pendulum grinding machine		Order No.
 <p>Suitable for fast grinding or trimming processing of large plane.</p>	Packaging Speed 18000rpm Stroke 3.0mm Weight 850g Length 200mm	KIA 30A
Pneumatic file machine		Order No.
 <p>Suitable for all kinds of casting parts or remove burrs and chamfering.</p>	Packaging Speed 16000rpm Stroke 5.0mm Weight 540g Length 160mm	AF 05
Pneumatic file machine		Order No.
 <p>Suitable for all kinds of casting parts or remove burrs and chamfering.</p>	Packaging Speed 15000rpm Stroke 10.0mm Weight 1000g Length 230mm	AF 10
Hanging ultrasonic grinding		Order No.
 <p>Suitable for repairing the knife grinding, groove, the grinding operation of rib.</p>	Packaging Speed Stroke 0.6mm Weight 255g Length 200mm Collocation	KID 398
Hanging ultrasonic grinding		Order No.
 <p>Electricity mechanical ultrasonic, torque is large, heavy load, extensive used for mould and parts of the grinding work.</p>	Packaging Speed Stroke 1.0mm Weight 226g Length 190mm Collocation	KID 308
Electric tools		Order No.
 <p>High speed, high precision, stable performance, long service life, suitable for all kinds of grinding and polishing work.</p>	Packaging Speed 8000-33000 r/min Chuck 3.0mm or 2.34mm Weight 550g Length 200mm	KID 3000

Sandpaper&cloth roll

KOVAX Sandpaper	Order No.
 <p>Size : 120# 150# 180# 220# 240# 320# 400# 600# 800# 1000# 1200# 1500# 2000#</p>	HSZ 2328
MATADOR Sandpaper	Order No.
 <p>Size : 240# 320# 400# 600# 800# 1000# 1200# 1500# 2000# 2500# 3000# 5000#</p>	LSZ 2328
HANSBURG Emery Cloth Roll	Order No.
 <p>Size : 60# 80# 100# 120# 150# 180# 240# 320# 400# 600#</p>	XD 2025
NCA Emery Cloth Roll	Order No.
 <p>Size : 150# 180# 240# 320# 400# 600# 800# 1000#</p>	NCA 2025
UHT Round of Emery Cloth	Order No.
 <p>Size : 40# 60# 80# 100# 120# 150# 180# 240# 320# 400# 600#</p>	USP 30

Specular grinding consumables (specular liquid, lapping wood stick, brush, polishing cloth, wax paper light)



Tool accessories

