

NAKANISHI

TOOLS

其他研磨抛光耗材

TOOLS

深圳市高精达精密工具有限公司

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ABRASIVE COMPOUNDS & POLISHING TOOLS

1 pc./pack Ceramic Fiber Grindstone (Total Length 100 mm)

Grit	Color						
#180	Ivory	55614	—	—	—	55744	55764
#300	Brown	—	—	—	—	55745	55765
#400	Orange	55616	55626	55656	55686	55746	55766
#800	Black	55617	—	—	—	55747	55767
#800	Blue	—	—	—	—	55748	55768
#1000	White	—	55629	55659	55689	55729	55769
#1200	Pink	—	55630	55660	55690	55750	55770

2 pcs./pack Special Hand Holder For Ceramic Fiber Grindstones

145		7	12
Flat (hold thickness 0.5~2 mm)			
Weight : 13 g			
d	For 2 mm width	55461	
	For 4 mm width	55462	
	For 6 mm width	55463	
	For 10 mm width	55464	
4 Types (for 2, 4, 6 and 10 mm width) 55465			



Abrasive Stone Sticks with high quality performance. They are highly effective for polishing.

6 pcs./pack WA Abrasive Fiber Grindstone

Grit				
#120	—	56231	56241	56245
#180	—	56232	56242	56246
#220	56218	56233	56243	56247
#320	—	56234	56244	56248

6 pcs./pack GC/Sic Abrasive Fiber Grindstone

Grit				
#240	56417	56432	56437	56442
#320	56418	56433	56438	56443
#400	56419	56434	56439	56444
#600	56420	56435	56440	56445

1 pc./pack Electroplated Diamond Sheet (Fully Electroplated Type)

• Ultra-thin copper alloy is used for base material. Diamond abrasive is electroplated on the full sheet.					
Grit	Size (mm)	Grit	Size (mm)	Grit	Size (mm)
# 120	100 x 20	56731	100 x 50	# 600	56736
# 150	56732	56741	56742	# 800	56737
# 200	56733	56743	56744	# 1,200	56738
# 300	56734	56745	56746	# 1,800	56739
# 400	56735	56747	56748		

1 pc./pack Rounded Hand Holder (Pin Vice)

124.5	ø8
• Attachable shank diameter is ø2.7~3.0 mm	
Weight : 22 g	
ø3 mm	57631

6 pcs./pack WA Abrasive Fiber Grindstone

Grit				
#150	—	56156	56161	56166
#220	56122	56157	56162	56167
#320	56123	56158	56163	56168
#400	56124	56159	56164	56169
#600	56125	56160	56165	56170

6 pcs./pack WA Abrasive Fiber Grindstone

Grit				
#100	56341	56361	56371	56381
#120	56342	56362	56372	56382
#180	56343	56363	56373	56383
#320	56345	56365	56375	56385
#600	56346	56366	56376	56386

1 pc./pack Electroplated Diamond Sheet (Dot-Pattern Electroplated Type)

• Strongly bonded diamond-electroplated nickel alloy sheets.					
Grit	Grain Diameter	Color			
# 60	250 μ	Green	56701		
# 120	125 μ	Black	56702		
# 200	74 μ	Red	56703		
# 400	40 μ	Yellow	56704		
# 800	20 μ	Gray	56705		

ABRASIVE COMPOUNDS & POLISHING TOOLS

1 pc./pack Diamond Lapping Film (Film Coated Type)

- Fine grain diamond is coated on a strong polyester film.

Grit	Grain Diameter	Color	
# 400	40 μ	Ivory	56802
# 800	25 μ	Ivory	56804
# 1,000	15 μ	Ivory	56805
# 1,500	12 μ	Ivory	56806
# 3,000	6 μ	Ivory	56807

1 pc./pack Felt Sheet

- Ideal for fine finishing with various abrasive compounds.

Thickness	
1 mm	56901
2 mm	56902
3 mm	56903

1 pc./pack Abrasive Embedded Felt Sheet

- Chrome oxide (green rouge) is embedded into the felt sheet.

Thickness	
1 mm	56911

5 pcs./pack Lapping Film Sheet

Grit	Grain Diameter	Color	
# 400	40 μ	Ivory	56962
# 600	30 μ	Green	56963
# 800	20 μ	Blue	56964
# 1,000	15 μ	Purple	56965
# 1,500	10 μ	Yellow Ocher	56967
# 3,000	5 μ	Yellow	56968
# 6,000	2 μ	Light Blue	56969
# 10,000	1 μ	Yellow	56970



Diamond files for precise finishing. Highly durable, they retain sharpness even after long use.

SHANK ø3.0

1 pc./pack Diamond Files (Flat Taper)

Grit		
# 200	62301	
# 400	62302	
# 600	62303	
# 200	62305	
# 400	62306	
# 600	62307	

SHANK ø3.0

1 pc./pack Diamond Files (Flat, Half-Round, Round, Angular)

Grit		
# 150	62311	
# 150	62315	
# 150	62313	
# 150	62317	

SHANK ø3.0

1 pc./pack Diamond Files (Flat Taper, Flat)

Grit		
# 150	62801	
# 200	62802	
# 400	62803	
# 200	62805	
# 400	62806	
# 600	62807	
# 150	62811	
# 200	62812	
# 400	62813	
# 100	62814	

SHANK ø3.0

1 pc./pack Diamond Files (Flat, Angular)

Grit		
# 150	62815	
# 200	62816	
# 400	62817	
# 150	62821	
# 200	62822	
# 400	62823	
# 150	62825	
# 200	62826	
# 400	62827	
# 150	62831	
# 200	62832	
# 400	62833	

ABRASIVE COMPOUNDS & POLISHING TOOLS**SHANK $\phi 3.0$** **1 pc./pack Diamond Files (Round, Round taper)**

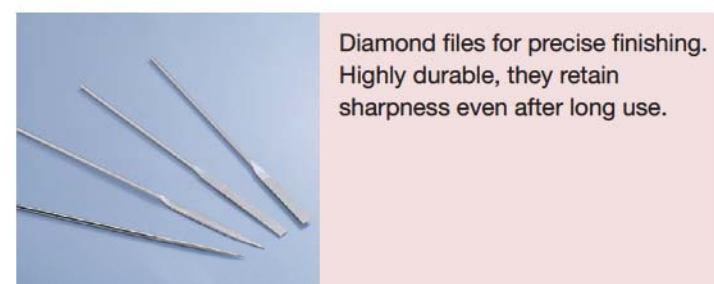
$\phi 1$ 	(Round)		
	15	50	
$\phi 2$ 	(Round)		
	15	50	

$\phi 3$ 	(Round)		
	20	55	
$\phi 0.5$ 	(Round Taper)	$\phi 1.5$	
	25	51	

SHANK $\phi 3.0$ **1 pc./pack Diamond Files (Half-Round, Triangular)**

$\phi 1.5$ 	(Half-round)		
	15	50	
$\phi 2$ 	(Half-round)		
	20	55	

$\phi 2.6$ 	(Triangular)		
	20	55	



Diamond files for precise finishing. Highly durable, they retain sharpness even after long use.

SHANK $\phi 3.0$ **1 pc./pack Diamond Files (Flat Taper)**

$\phi 0.6$ 	(Flat taper)	Thickness 1.7	
	30	130	
$\phi 0.6$ 	(Flat taper)	Thickness 1.7	
	30	130	

SHANK $\phi 3.0$ **1 pc./pack Diamond Files (Flat Taper, Thin Flat, Flat)**

$\phi 0.6$ 	(Flat taper)	Thickness 1.7	
	30	130	
$\phi 0.5$ 	(Thin flat)		
	40	140	

$\phi 0.8$ 	(Thin flat)		
	50	140	
$\phi 1.4$ 	(Flat)		
	50	140	

SHANK $\phi 1.0, \phi 2.0, \phi 3.0, \phi 3.4$ **1 pc./pack Diamond Files (Round)**

$\phi 1$ 	(Round)		
	40	140	
$\phi 2$ 	(Round)		
	40	140	

$\phi 3$ 	(Round)		
	50	140	
$\phi 3.5$ 	(Round)		
	60	180	

SHANK $\phi 3.0, \phi 3.4$ **1 pc./pack Diamond Files (Half-Round)**

$\phi 2.5$ 	(Half-round)		
	50	140	
$\phi 2.5$ 	(Half-round)		
	60	180	

1 pc./pack Diamond Files (Angular)

$\phi 2.5$ 	(Angular)		
	50	140	
$\phi 3$ 	(Angular)		
	60	180	

ABRASIVE COMPOUNDS & POLISHING TOOLS**SHANK $\phi 3.0, \phi 3.4$** **1 pc./pack Diamond Files (Triangular, Elliptical, Blade)**

$\phi 3.5$ 	(Triangular)		
	50	140	
$\phi 4$ 	(Triangular)		
	60	180	

$\phi 2$ 	(Elliptical)		
	50	140	
$\phi 1.7$ 	(Blade)		
	50	140	

SHANK $\phi 3.0$ **1 pc./pack Diamond Files (Sickle Type) (Flat, Round, Half-Round, Angular, Triangular)**

$\phi 6$ 	(Flat)		
	28.5	140	
$\phi 3$ 	(Round)		
	26	140	

$\phi 1.5$ 	(Half-round)		
	27.5	140	
$\phi 2.5$ 	(Angular)		
	27.5	140	
$\phi 3.5$ 	(Triangular)		
	27	140	

SHANK $\phi 3.0, \phi 3.5$ **3 pcs./pack Precision Finishing Files (Flat, Round, Angular, Triangular, Half-Round)**

	Total length The length of file	140mm 70mm		180mm 90mm	
		Standard	Fine	Standard	
$\phi 1.3(1.5)$ 	(Flat)	57301	57311	57321	
$\phi 3(3.5)$ 	(Round)	57302	57312	57322	
$\phi 2.5(2.7)$ 	(Angular)	57303	57313	57323	

	Total length The length of file	140mm 70mm		180mm 90mm	
		Standard	Fine	Standard	
$\phi 3.3(4.1)$ 	(Triangular)	57304	57314	57324	
$\phi 2(5.6)$ 	(Half-round)	57305	57315	57325	

5 files-pack set

- Standard (total length 140mm) set (No.57301~No.57305 : 1pc. each) 57309
- Fine (total length 140mm) set (No.57311~No.57315 : 1pc. each) 57319
- Standard (total length 180mm) set (No.57321~No.57325 : 1pc. each) 57329

SHANK $\phi 3.0$ **3 pcs./pack Rasps for plastics and wood working (Flat, Round, Angular, Triangular, Half-Round)**

	Total length 140 mm (The length of file is 69 mm)	
$\phi 2.2$ 	(Flat)	57401
$\phi 3.8$ 	(Round)	57402
$\phi 3.3$ 	(Angular)	57403

$\phi 3.8$ 	(Triangular)	57404
$\phi 2.3$ 	(Half-round)	57405

5 files-pack set

- Rasps set for plastics and wood working for plastics and woodworking (No.57401~No.57405 : 1pc. each) 57410

1 pc./pack Special Grip Handle

- Attachable shank diameter is $\phi 2 \sim 4$ mm

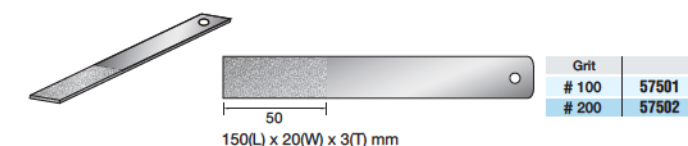


95 x $\phi 19.5$ (mm)
Weight : 26 g

57641

1 pc./pack Diamond Hand Dresser

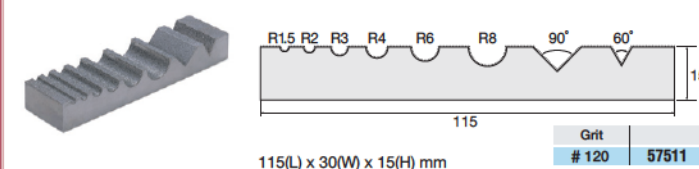
- Light weight, electroplated diamond dresser. Ideally suited to a wide variety of applications.



Grit	
# 100	57501
# 200	57502

1 pc./pack Diamond Block Dresser

- Can be molded for purpose use, by turning a work with axis, or by vibrating and pushing a stick abrasive material.



Grit	
# 120	57511

ABRASIVE COMPOUNDS & POLISHING TOOLS

1 pc./pack Grindstone Dresser

- Used for dressing diamond / CBN wheels, metal or resin bond.



Handy Type	Size	WA		GC	
		#		#	
Stick Type	Flat Plate Type 75(W) x 25(D) x 8(H) mm	57521	(#80)	57526	(#80)
	Mini Type 50(W) x 7(D) x 7(H) mm	57531	(#200)	57536	(#360)
	100(W) x 20(D) x 15(H) mm	57541	(#200)	57546	(#360)

1 pc./pack Natural Diamond Single Stone Dresser

- Used for dressing or shaping standard grindstones.

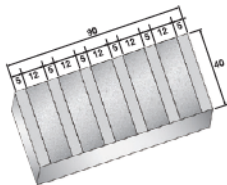


* Shank diameter : $\phi 11$ mm
Length : 100mm

No. of Carats	Recommended Grindstone Outer Diameter	
1/2 (0,5ct)	$\phi 150\sim 200$ mm	57552
3/4 (0,75ct)	$\phi 255\sim 300$ mm	57553
1ct	$\phi 300\sim 355$ mm	57554

1 pc./pack Tooling Block Dresser

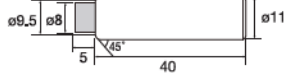
- Dresser with electroplated diamonds on a block metal surface.



Grit	
# 80	57571

1 pc./pack Imprint Dresser For Truing

- Used to adjust the grinding surface of diamond, CBN foil and standard grindstones.



Grit	
# 100	57581

NAKANISHI's EXCLUSIVE TOOLS

Exclusive Tools of Ultrasonic Polisher "SHEENUS ZERO"



Special electroplated diamond files of Nakanishi's ultrasonic polisher "SHEENUS ZERO". Ideal for fine burr removal and rough finishing.

1 pc./pack Electroplated Diamond File

	Grit	
Flat taper	# 200	60101
	# 320	60102
	# 600	60103
Flat	# 200	60105
	# 320	60106
	# 600	60107
Flat bent	# 200	60111
	# 320	60112
	# 600	60113
Column with the rounded edge	# 200	60151
	# 320	60152
	# 600	60153
Column with the rounded edge	# 200	60155
	# 320	60156
	# 600	60157
Round taper (cone-shaped)	# 200	60181
	# 320	60182
	# 600	60183

	Grit	
Triangular taper (Triangular pyramid)	# 200	60185
	# 320	60186
	# 600	60187
Oval taper	# 200	60191
	# 320	60192
	# 600	60193
Flat long	# 200	60115
	# 320	60116
	# 600	60117
Flat long taper	# 200	60231
	# 320	60232
	# 600	60233
Flat long taper	# 200	60235
	# 320	60236
	# 600	60237

2 pcs./pack Ceramic Fiber Grindstone (Total Length 50 mm)

- Alumina fiber abrasive with the strength and the flexibility for rough or fine finishing.

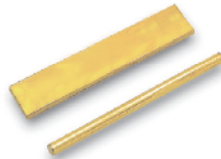


Grit	Color	W = 4 mm		W = 6 mm	
		#		#	
# 120	Violet	60511		60516	
# 220	Brown	60512		60517	
# 400	Orange	60513		60518	
# 800	Blue	60514		60519	
# 1,200	Red	60515		60520	

Grit	Color	$\phi 3$ mm	
		#	
# 220	Gray	60551	
# 300	Magenta	60552	
# 400	Orange	60553	
# 600	Black	60554	
# 800	Blue	60555	
# 1,000	White	60556	
# 1,200	Red	60557	

5 pcs./pack Brass Lapping Tip (Total Length 40 mm)

- Lapping tools for finishing using diamond or abrasive compounds.



Grain diameter	d = $\phi 2$ mm	
Round	ϕd	60801
	ϕd	60802
Flat	10	60805
	2	

* Use after clamping in Special Tip Holder

2 pcs./pack Special Tip Holder • Choose by tip size and shape.

	Grain diameter	d = $\phi 2.0$ mm	
Round 10	d = $\phi 3.0$ mm	60901	
	d = $\phi 3.3$ mm	60902	
	d = $\phi 3.2$ mm	60903	
Round 10	d = $\phi 2.0$ mm	60911	
	d = $\phi 3.0$ mm	60912	
	d = $\phi 3.2$ mm	60913	

- Used for Round Ceramic Fiber Grindstone. Best for soft materials.

- Used for round tip (Brass Lapping Tip, Electroplated Diamond File: marked products on P.59). Best for hard materials.

	Grain thickness	t = 0.8 mm	
Flat 10	t = 1.0 mm	60921	
	t = 2.0 mm	60922	
	t = 3.0 mm	60923	
Flat 10	t = 0.8 mm	60924	
	t = 1.0 mm	60925	
	t = 2.0 mm	60926	

- Used for Flat Ceramic Fiber Grindstone. Best for both hard and soft materials.