

NAKANISHI

# TOOLS

## 抛光页轮

深圳市高精达精密工具有限公司

地址：广东省深圳市福田区八卦四路425栋204-207

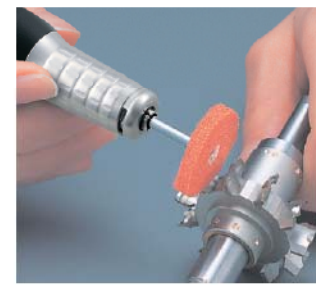
电话：(0755) 82267222

传真：(0755) 82267333

邮箱：inquiry@supertooling.com

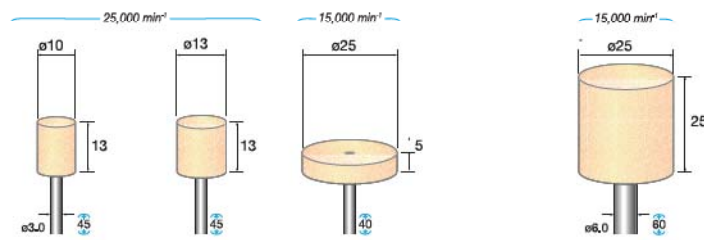
TOOLS

**FLAP WHEELS**



Nylon fabric polishing tools. High quality fibers are highly resistant to loading and very flexible for polishing irregular shapes.

**SHANK  $\phi 3.0 \times 6.0$**   
10 pcs./pack



Grit	Color				
#120	Gray	48871	48881	48891	48931
#240	Purple	48872	48882	48892	48932
#320	Red	48873	48883	48893	48933
#800	Blue	48874	48884	48894	48934
#800	Violet	48875	48885	48895	48935
#1000	Orange	48876	48886	48896	48936
#1500	Yellow	48877	48887	48897	48937

Assorted Set

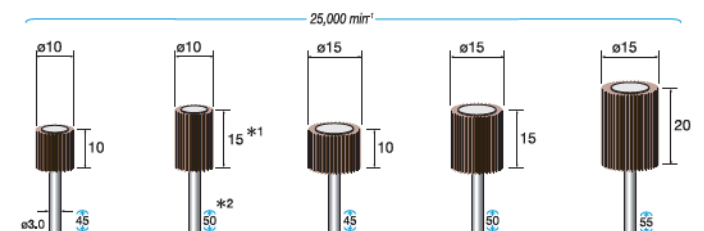
**48889**  
Set (7 pieces)  
(48881-48887)

**48899**  
Set (7 pieces)  
(48891-48897)



Flap wheels are made from many tightly, evenly packed abrasive cloth affixed to steel mandrels. They are highly effective for finishing of irregular shapes and flat surfaces.

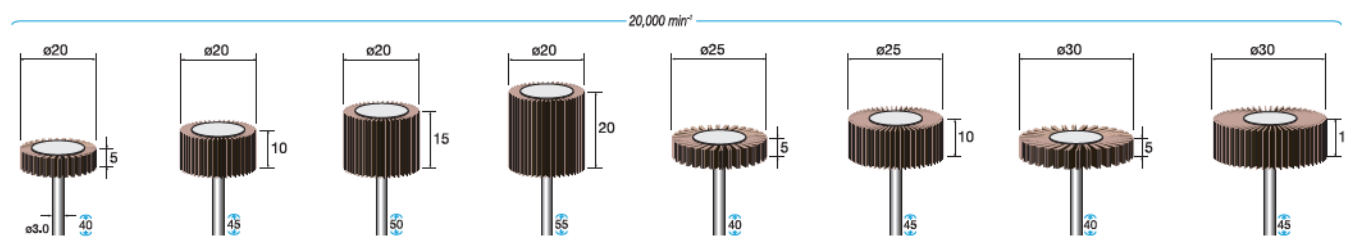
**SHANK  $\phi 3.0$**   
5 pcs./pack



Grit					
#60	49101	*1 *2 49111	49121	—	49131
#80	49102	49112	49122	49222	49132
#120	49103	*1 *2 49113	49123	—	49133
#150	49104	49114	49124	49224	49134
#240	49105	49115	49125	49225	49135
#320	49106	49116	49126	49226	49136
#600	49107	*1 *2 49117	49127	—	49137

\*1: 49111, 49113, 49117 is Head Length 20mm.  
\*2: 49111, 49113, 49117 is Total Length 55mm.

**SHANK  $\phi 3.0$**   
5 pcs./pack



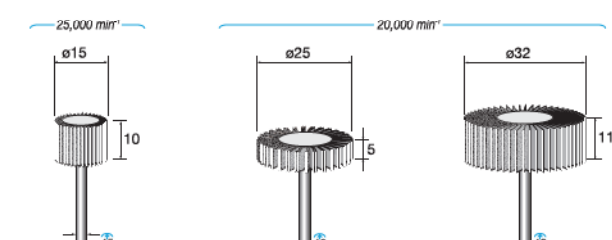
Grit							
#60	49141	49151	—	49161	49171	49181	49191
#80	49142	49152	49232	49162	49172	49182	49192
#120	49143	49153	—	49163	49173	49183	49193
#150	49144	49154	49234	49164	49174	49184	49194
#240	49145	49155	49235	49165	49175	49185	49195
#320	49146	49156	49236	49166	49176	49186	49196
#600	49147	49157	—	49167	49177	49187	49197

**FLAP WHEELS**



Diamond flap wheel made of electroplate diamond abrasive cloths. Perfect for polishing ceramics, glass, FRP, super hard alloys, etc.

**SHANK  $\phi 3.0$**   
1 pc./pack



Grit			
#120	49303	49313	49323
#180	49304	49314	49324
#240	49305	49315	49325
#400	49306	49316	49326
#600	49307	49317	49327

**SHANK  $\phi 3.0$**



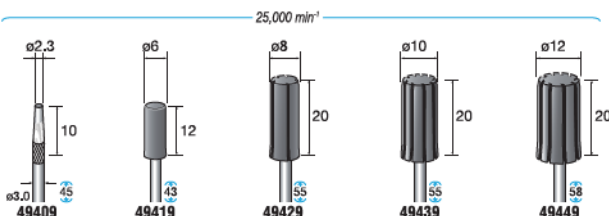
Seamless abrasive cartridges are easily pushed onto a rubber holder and can be quickly changed. They are ideal for finishing wide open areas.

20 pcs./pack Cartridge (Seamless Abrasives)



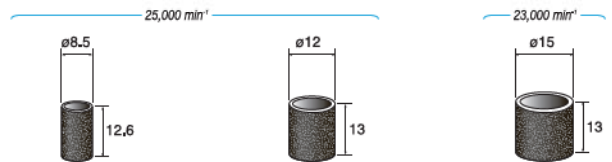
Grit					
#80	49401	49411	49421	49431	49441
#120	49402	49412	49422	49432	49442
#180	49403	49413	49423	49433	49443
#240	49404	49414	49424	49434	49444
#320	49405	49415	49425	49435	49445
#400	49406	49416	49426	49436	49446
#600	49407	49417	49427	49437	49447

3 pcs./pack Cartridge Seamless Abrasives (Special Rubber Holder)



(49409 is made from metal)

200 pcs./pack Cartridge (Seamless Abrasives)



Grit			
#80	49461	49471	49481
#120	49462	49472	—
#180	49463	49473	49483

3 pcs./pack Cartridge Seamless Abrasives (Screw Type Special Rubber Holder)



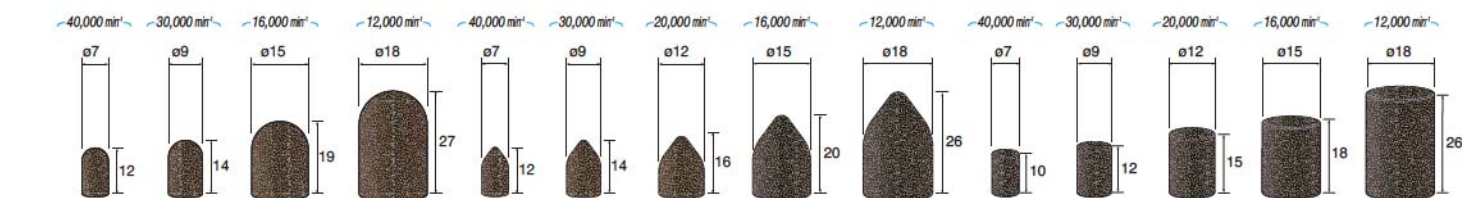
## FLAP WHEELS

SHANK  $\phi 3.0$



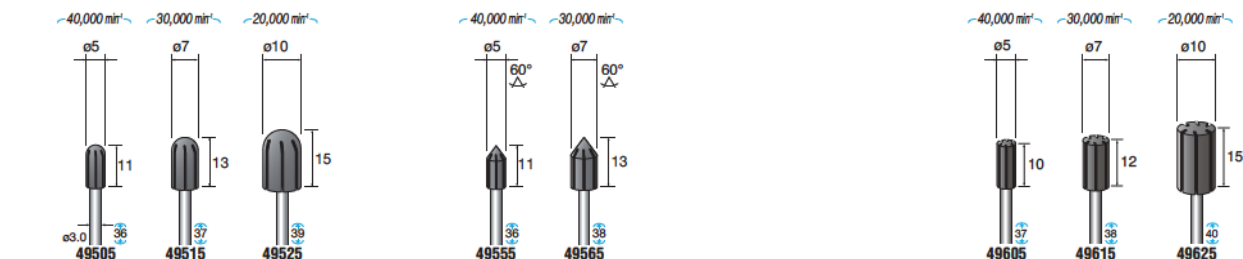
Seamless cap abrasives are easily pushed onto a rubber holder and can be quickly changed. Both the sides and ends can be used for polishing and finishing.

### 20 pcs./pack Cap (Seamless Abrasives)



Grit														
#60	49502	49511	49531	49541	49551	49561	49571	49581	49591	49601	49611	49621	49631	49641
#150	49502	49511	49532	49542	49552	49562	49572	49582	49592	49602	49612	49622	49632	49642
#320	49503	49513	49533	49543	49553	49563	49573	49583	49593	49603	49613	49623	49633	49643

### 3 pcs./pack Cap Seamless Abrasives (Special Rubber Holder)



## POLISHING BRUSHES

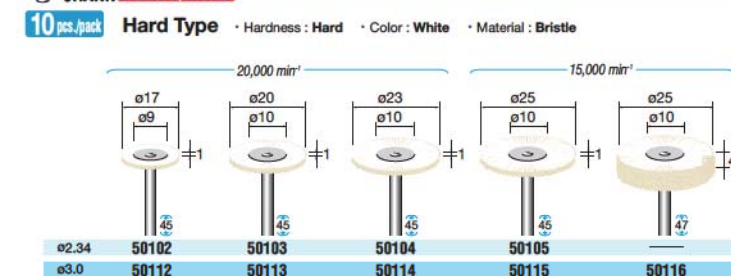
### Selection and Use of Polishing Brushes

- Selection of Brush Materials :**  
Brushes should be selected according to the desired finish.
- Length and Diameter of Wire :**  
Longer brush wires are very flexible and best suited to polishing. Shorter brush wires are suited to heavier cutting. Before using, cut the brush wires to the required length.
- Density of Wire Material :**  
Higher density wires cut quicker due to their greater rigidity.
- Brushing Pressure :**  
Using the edge of the applied perpendicular brush to the polishing surface is the most effective method. Use pressure sufficient to deflect the brush tips 1 to 2 mm.
- Rotation Direction of Brush :**  
Set rotation direction of the micro-grinder considering the lay of the bristles. (Nakanishi micro-grinders can rotate in either direction)
- Suitable Brush Rotation Speed :**  
Using brushes at less than the maximum allowable speed makes the brush last longer. Confirm suitable rotation speed by test brushing a small area at first.
- Features of Polishing Brushes :**  
The brushes conform to the polishing surface and result in uniform surface finishes. Brushes are superior tools for finishing compared to other tools.

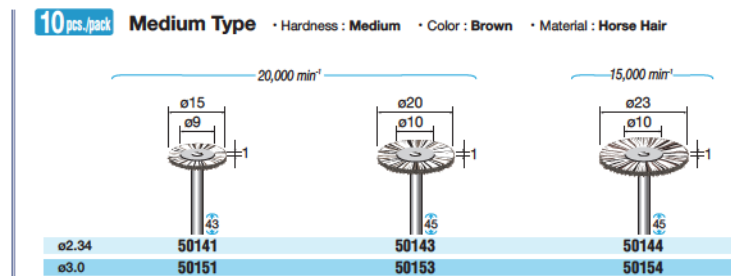
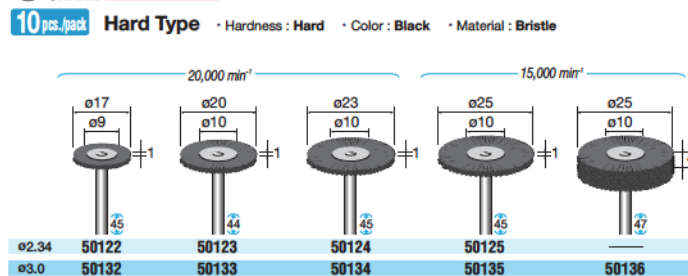


Polishing brushes with  $\phi 2.34$  mm and  $\phi 3.0$  mm shanks. They are made from bristle, goat and horse hair.

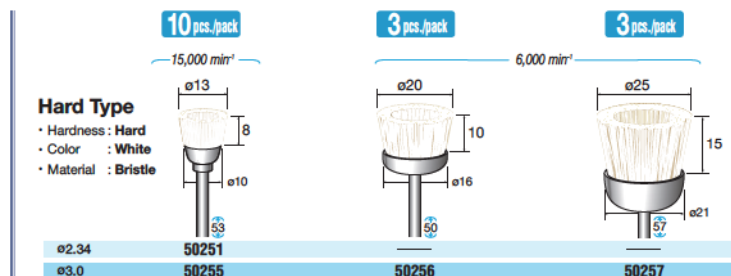
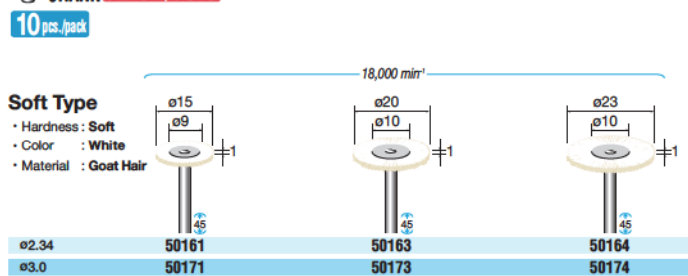
SHANK  $\phi 2.34, \phi 3.0$



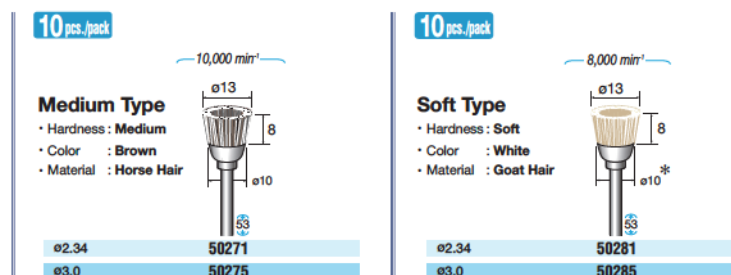
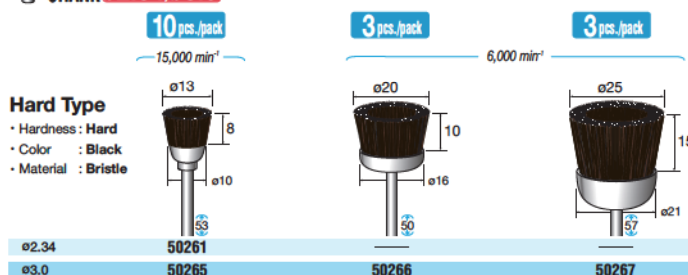
SHANK  $\phi 2.34, \phi 3.0$



SHANK  $\phi 2.34, \phi 3.0$



SHANK  $\phi 2.34, \phi 3.0$



Diamond / CBN  
Carbide Cutters  
Specialty Tools  
Mounted Points  
Rubberized Abrasives  
Flap Wheels  
Polishing Brushes  
Felt Bobs  
Abrasive Compounds & Polishing Tools  
NSK Exclusive Tools