

RUBBERIZED ABRASIVES

SHANK 06.0 10 pcs./pack WA Green Polisher

Abrasive Power ★★★★★☆
Grinding Power ★★★★★
Rubber Hardness Medium

20,000 min⁻¹ 15,000 min⁻¹ 12,000 min⁻¹

Grindstone dimensions: ø10, ø15, ø20, ø25. Lengths: 20, 25, 20, 25. Shank: ø6.0, 60.

Grit	Color	47551	47561	47571	47581
#120	Green	47551	47561	47571	47581
#220	Green	47552	47562	* 47572	47582
#320	Green	47553	47563	47573	47583
#400	Green	47554	47564	* 47574	47584

*47572,47574 is Total Length 60mm.

SHANK 02.34 3 pcs./pack

Abrasive Power ★★★★★
Grinding Power ★★★★★
Rubber Hardness Soft

20,000 min⁻¹ #2000

Grindstone dimensions: ø3.2, ø4.0, ø13, ø12. Lengths: 7, 14, 3, 2. Shank: ø2.34, 45.

47751 47752 47753 47754

10 pcs./pack WA Silicon Wheel Rubber Grindstone

Abrasive Power ★★★★★☆
Grinding Power ★★★★★☆
Rubber Hardness Soft

15,000 min⁻¹

Grindstone dimensions: ø22, ø22. Lengths: 1, 3. Shank: ø1.8.

Grit	Color	47804	47805
#120	Black	47804	47805
#180	Gray	47802	47806
#240	Brown	47802	47806
#500	Dark Brown	47808	
#1800	Green	47803	47807

*Use after attaching to mandrel P.29 (No.37011~37051).
*Mandrel needs to be purchased separately.

SHANK 02.34 12 pcs./pack Abrasive Rubber Point Assortment Set



47901		
Set (12 pieces) (Each code No. one piece-pack)		
Green Polisher #220	High Shine Polisher #320	Silicon Polisher #500
46112	46212	46312
46122	46216	46316
46152	46232	46342
46156	46236	46346

10 pcs./pack WA High Shine Polisher

Abrasive Power ★★★★★
Grinding Power ★★★★★
Rubber Hardness Hard

25,000 min⁻¹ 20,000 min⁻¹ 15,000 min⁻¹ 12,000 min⁻¹

Grindstone dimensions: ø10, ø15, ø20, ø25. Lengths: 20, 20, 25, 25. Shank: ø6.0, 60.

Grit	Color	47601	47611	47621	47631
#80	Red	47601	47611	47621	47631
#120	Blue	47602	47612	47622	47632
#220	Green	47603	47613	47623	47633
#320	Violet	47604	47614	47624	47634
#500	Brown	47605	47615	47625	47635

10 pcs./pack WA Green Wheel Rubber Grindstone

Abrasive Power ★★★★★☆
Grinding Power ★★★★★☆
Rubber Hardness Medium

15,000 min⁻¹

Grindstone dimensions: ø1.8, ø22, ø25, ø25, ø22. Lengths: 1.5, 1.5, 2, 2.

Grit	Color	47841	47851	47861	47871
#120	Green	47841	47851	47861	47871
#220	Green	47842	47852	47862	47872
#320	Green	47843	47853	47863	47873

*Use after attaching to mandrel P.29 (No. 37011~37051).
*Mandrel needs to be purchased separately.

SHANK 03.0 12 pcs./pack Abrasive Rubber Point Assortment Set



47905		
Set (12 pieces) (Each code No. one piece-pack)		
Power Polisher #180	Green Polisher #150	High Shine Polisher #320
46623	46741	46803
46633	46751	46813
46643	46761	46823
46653	46771	46833

FLAP WHEELS



Nylon fabric fiber flap wheels.
Perfect for light polishing.

SHANK 02.34 10 pcs./pack

Grindstone dimensions: ø20, ø25, ø10, ø10. Lengths: 10, 16. Shank: ø2.34, 45.

Grit	Color	48701	48711
#180	Brown	48701	48711

SHANK 03.0 5 pcs./pack

Grindstone dimensions: ø10, ø15, ø6, ø6. Lengths: 8, 10. Shank: ø3.0, 45.

Grit	Color	48681	48691
#120	Red Brown	48681	48691
#180	Brown	48682	48692
#320	Red Brown	48683	48693
#400	Green	48684	48694
#600	Gray	48685	48695

5 pcs./pack

Grindstone dimensions: ø20, ø25, ø10, ø10. Lengths: 7, 14. Shank: ø3.0, 45.

Grit	Color	48704	48714
#120	Dark Brown	48704	48714
#180	Brown	48705	48715
#320	Red Brown	48706	48716
#400	Green	48708	48718
#600	Beige	48707	48717

3 pcs./pack

Grindstone dimensions: ø20, ø30, ø6, ø6. Lengths: 22, 14. Shank: ø3.0, 50.

Grit	Color	48724	48731
#120	Red Brown	48724	48731
#180	Brown	48725	48732
#320	Red Brown	48726	48733
#400	Green	48728	48734
#600	Gray	48727	48735

10 pcs./pack

Grindstone dimensions: ø25, ø1.8. Length: 5. Shank: ø2.5, 45.

Grit	Color	48736	48737
#120	Red Brown	48736	48737
#180	Brown	48737	48738
#320	Red Brown	48738	48739
#400	Green	48739	48740
#600	Gray	48740	

*Use after attaching to mandrel P.29.
*Mandrel needs to be purchased separately.

SHANK 06.0 3 pcs./pack

Grindstone dimensions: ø40, ø50, ø6.0, ø6.0. Lengths: 25, 25. Shank: ø6.0, 66.

Grit	Color	48744	48754
#120	Red Brown	48744	48754
#180	Brown	48745	48755
#320	Red Brown	48747	48757

SHANK 03.0 3 pcs./pack

Need to be used dry. (Do not use water or grinding solution)

Grindstone dimensions: ø10, ø15, ø20, ø30, ø6, ø6. Lengths: 10, 10, 10, 10. Shank: ø3.0, 45.

Grit	48783	48793	48803	48813
#120	48783	48793	48803	48813
#240	48785	48795	48805	48815
#400	48786	48796	48806	48816
#600	48787	48797	48807	48817

SHANK 06.0 3 pcs./pack

Need to be used dry. (Do not use water or grinding solution)

Grindstone dimensions: ø30, ø40, ø50, ø6.0, ø6.0. Lengths: 25, 25, 25. Shank: ø6.0, 66.

Grit	48823	48833	48843
#120	48823	48833	48843
#240	48825	48835	48845
#400	48826	48836	48846
#600	48827	48837	48847

FLAP WHEELS



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

Assorted Set

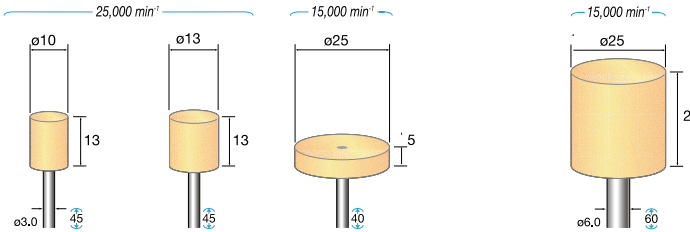
48889

Set (7 pieces)
(48881~48887)

48899

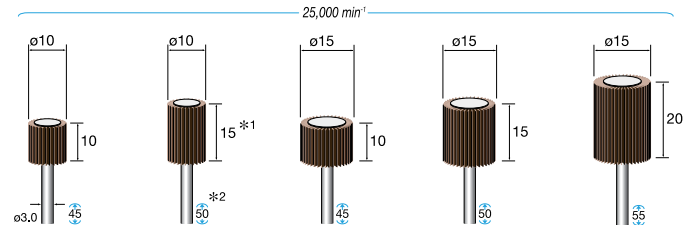
Set (7 pieces)
(48891~48897)

SHANK $\phi 3.0, \phi 6.0$
10 pcs./pack



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

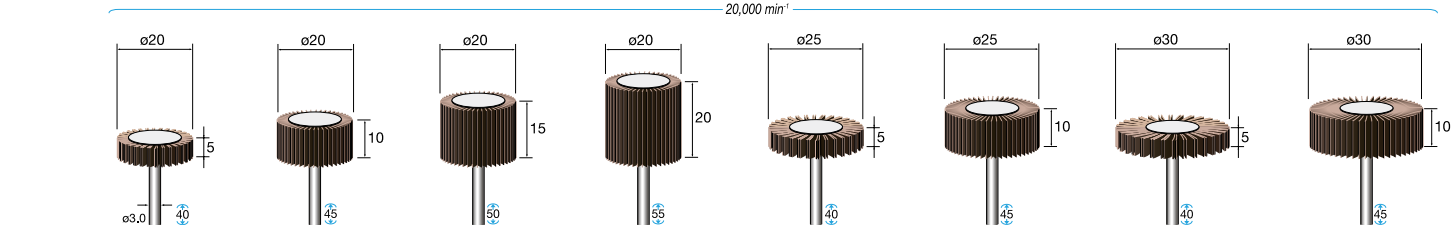
SHANK $\phi 3.0$
5 pcs./pack



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



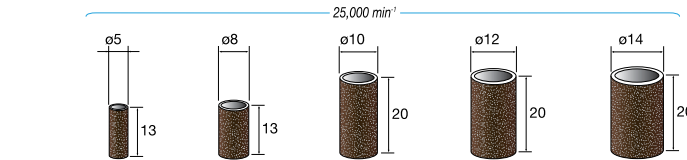
Diamond flap wheel made of electroplate diamond abrasive cloths. Perfect for polishing ceramics, glass, FRP, super hard alloys, etc.

SHANK $\phi 3.0$



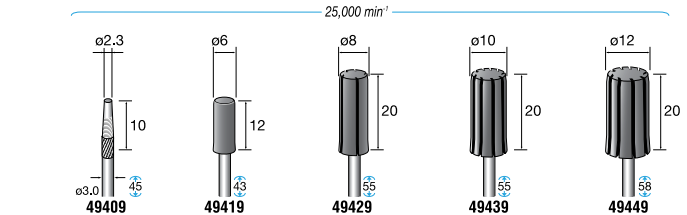
Seamless abrasive cartridges are easily pushed onto a rubber holder and can be quickly changed. They are ideal for finishing wide open areas.

20 pcs./pack Cartridge (Seamless Abrasives)



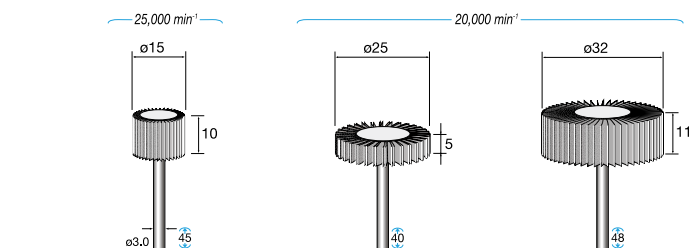
Grit					
#80	49401	49411	49421	49431	49441
#120	49402	49412	49422	49432	49442
#180	49403	49413	49423	49433	49443
#240	49404	49414	49424	49434	49444
#320	49405	49415	49425	49435	49445
#400	49406	49416	49426	49436	49446
#600	49407	49417	49427	49437	49447

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



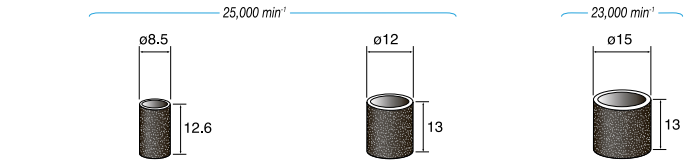
(49409 is made from metal)

SHANK $\phi 3.0$
1 pc./pack



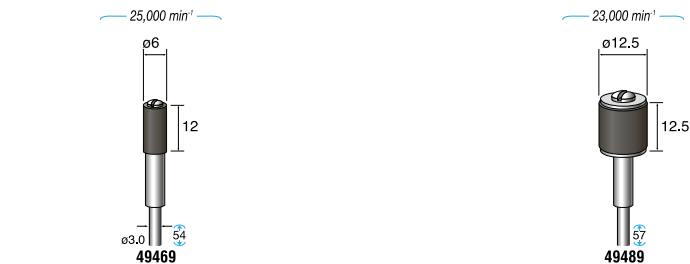
Grit			
#120	49303	49313	49323
#180	49304	49314	49324
#240	49305	49315	49325
#400	49306	49316	49326
#600	49307	49317	49327

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)



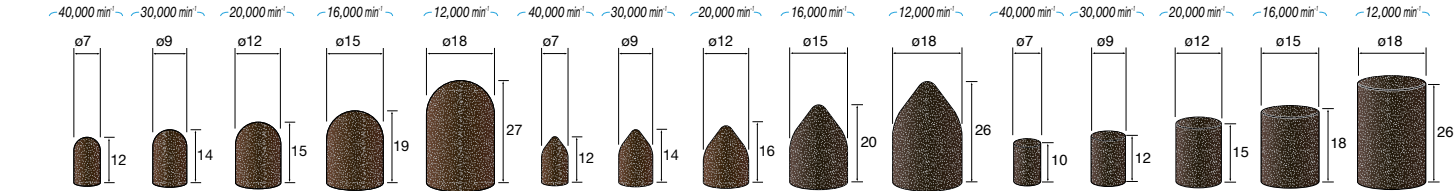
FLAP WHEELS

SHANK ø3.0



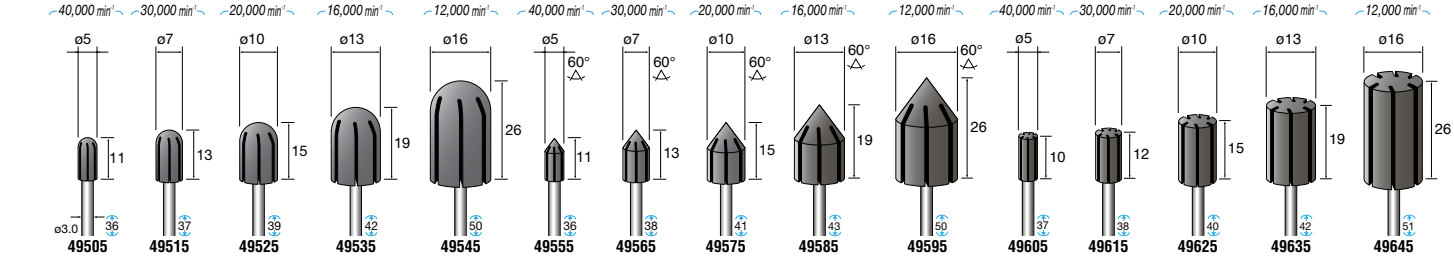
Seamless cap abrasives are easily pushed onto a rubber holder and can be quickly changed. Both the sides and ends can be used for polishing and finishing.

20 pcs./pack Cap (Seamless Abrasives)



Grit	49501	49511	49521	49531	49541	49551	49561	49571	49581	49591	49601	49611	49621	49631	49641
#60	49501	49511	49521	49531	49541	49551	49561	49571	49581	49591	49601	49611	49621	49631	49641
#150	49502	49512	49522	49532	49542	49552	49562	49572	49582	49592	49602	49612	49622	49632	49642
#320	49503	49513	49523	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

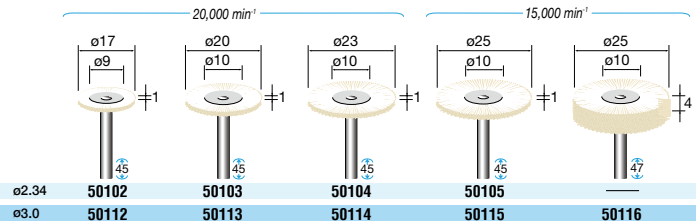
- ◆ Selection of Brush Materials :
Brushes should be selected according to the desired finish.
- ◆ Length and Diameter of Wire :
Longer brush wires are very flexible and best suited to polishing. Shorter brush wires are suited to heavier cutting. Before using, cut the brush wires to the required length.
- ◆ 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 ø2.34 mm and ø3.0 mm shanks. They are made from bristle, goat and horse hair.

SHANK ø2.34, ø3.0

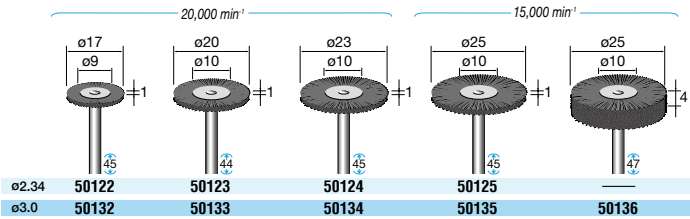
10 pcs./pack Hard Type • Hardness : Hard • Color : White • Material : Bristle



ø2.34	50102	50103	50104	50105	
ø3.0	50112	50113	50114	50115	50116

SHANK ø2.34, ø3.0

10 pcs./pack Hard Type • Hardness : Hard • Color : Black • Material : Bristle



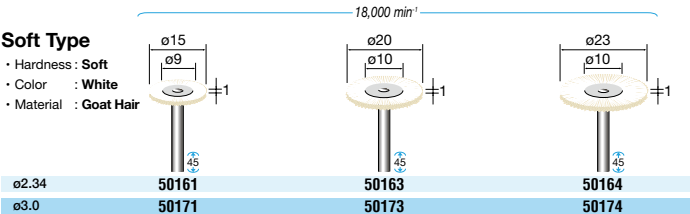
ø2.34	50122	50123	50124	50125	
ø3.0	50132	50133	50134	50135	50136

SHANK ø2.34, ø3.0

10 pcs./pack

Soft Type

- Hardness : Soft
- Color : White
- Material : Goat Hair



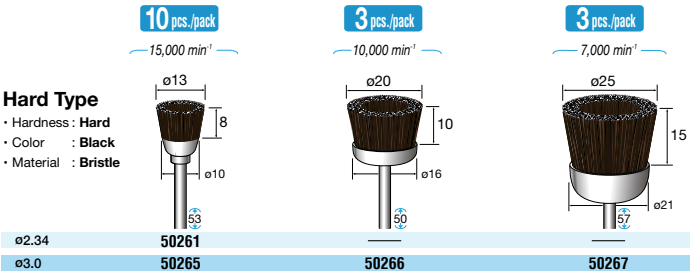
ø2.34	50161	50163	50164
ø3.0	50171	50173	50174

SHANK ø2.34, ø3.0

10 pcs./pack

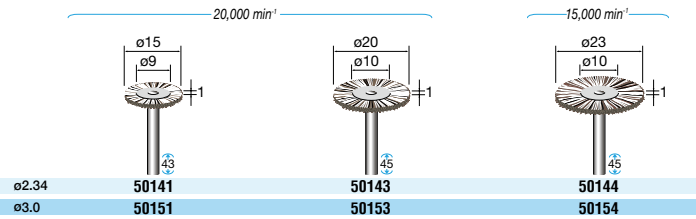
Hard Type

- Hardness : Hard
- Color : Black
- Material : Bristle



ø2.34	50261		
ø3.0	50265	50266	50267

10 pcs./pack Medium Type • Hardness : Medium • Color : Brown • Material : Horse Hair

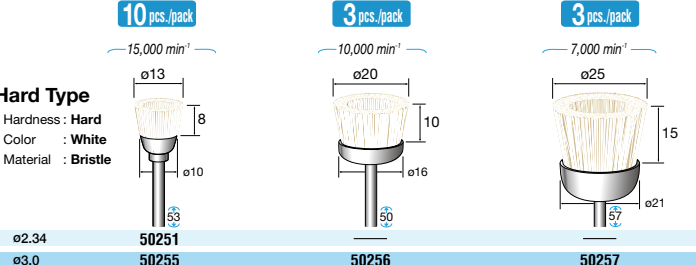


ø2.34	50141	50143	50144
ø3.0	50151	50153	50154

10 pcs./pack

Hard Type

- Hardness : Hard
- Color : White
- Material : Bristle

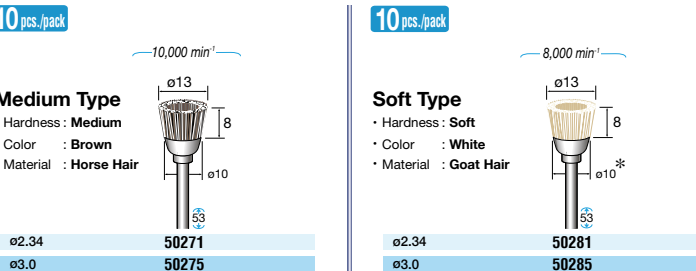


ø2.34	50251		
ø3.0	50255	50256	50257

10 pcs./pack

Medium Type

- Hardness : Medium
- Color : Brown
- Material : Horse Hair

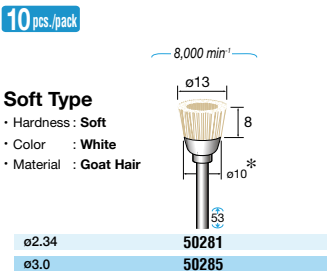


ø2.34	50271
ø3.0	50275

10 pcs./pack

Soft Type

- Hardness : Soft
- Color : White
- Material : Goat Hair



ø2.34	50281
ø3.0	50285

* 50285 is diameter ø11.