

Keying abrasives mounted flap wheel made by high-quality domestic cloth and pure imported cloth, with the features of good comprehensive performance capacity, strong grinding force, accurate concentricity and long service life. It widely apply in casting parts, hardware, metal accessories, auto parts, aviation manufacturing, transportations, ship building and processing and other high coarse and fine polishing industries, suitable for metal, nonferrous metal, rare metal, aluminum alloy, iron, plastic, plastic cement surface rust removing, deburring, grinding, polishing, cleaning and finishing.



## WORKING PRINCIPLE OF THE FLAP WHEEL:

- ▶ Reducing wear and thermal load of the workpiece can be achieved by reducing contact pressure and speed.
- ▶ In order to avoid unnecessary tool wear and thermal load, choose to switch to coarser-grit abrasive clothes instead of increasing contact pressure to increase cutting force.
- ▶ Using the rational speed index, please refer to the table for the recommended peripheral speeds.
- ▶ Increasing the cutting speed achieves a slightly finer surface. Increasing the contact pressure makes the surface slightly more coarse and if you use the same grit size on soft or hard material the surface finish will look coarse on the softer material.
- ▶ With high elasticity, good synchronous consumption, suitable for a variety of plane, curved surface and corner polishing.





# MOUNTED FLAP WHEELS

## General information



TABLE:

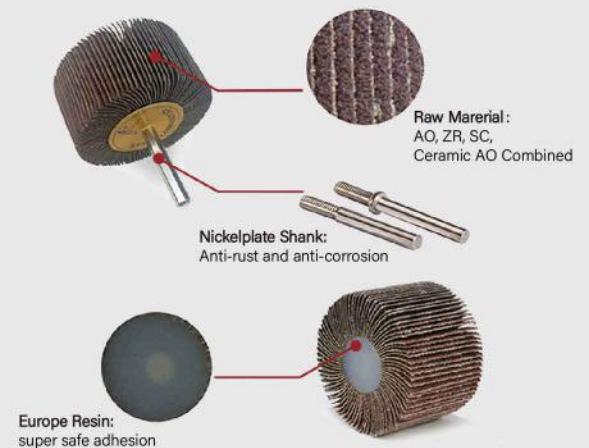
Mounted Flap Wheels																		
Model	D(mm) Diameter	H(mm) Height	d(mm) Shank diameter		h(mm) Shank Length	Grit Size (#)	Package (pcs/bag)	The highest speed(rpm)	Graph 3D drawing	Model	D(mm) Diameter	H(mm) Height	d(mm) Shank diameter		h(mm) Shank Length	Grit Size (#)	Package (pcs/bag)	The highest speed(rpm)
			3	6									3	6				
D10103	10	10	•		30	80 240 100 320 120 400 150 600 180	25000		D40306	40	30		•	35	General: 60 80 100 120 150 180 240 320	100	100	20000
D10153	10	15	•		30				D40406	40	40		•	35				
D15103	15	10	•		30				D50056	50	5		•	35				
D15153	15	15	•		30				D50106	50	10		•	35				
D15203	15	20	•		30				D50156	50	15		•	35				
D20053	20	5	•		30				D50206	50	20		•	35				
D20103	20	10	•		30				D50256	50	25		•	35				
D20153	20	15	•		30				D50306	50	30		•	35				
D20203	20	20	•		30				D50406	50	40		•	35				
D20206	20	20		•	35				D50506	50	50		•	35				
D20256	20	25		•	35	D60056	60	5		•	35	General: 60 80 100 120 150 180 240 320	50	18000				
D25053	25	5	•		30	D60106	60	10		•	35							
D25103	25	10	•		30	D60156	60	15		•	35							
D25153	25	15	•		30	D60206	60	20		•	35							
D25056	25	5		•	35	D60256	60	25		•	35							
D25106	25	10		•	35	D60306	60	30		•	35							
D25156	25	15		•	35	D60406	60	40		•	35							
D25206	25	20		•	35	D60506	60	50		•	35							
D25256	25	25		•	35	D75056	75	5		•	35							
D25306	25	30		•	35	D75106	75	10		•	35				Make-to-order: 400 600	30	15000	
D30053	30	5	•		30	D75156	75	15		•	35							
D30103	30	10	•		30	D75206	75	20		•	35							
D30153	30	15	•		30	D75256	75	25		•	35							
D30056	30	5		•	35	D75306	75	30		•	35							
D30106	30	10		•	35	D75406	75	40		•	35							
D30156	30	15		•	35	D75506	75	50		•	35							
D30206	30	20		•	35	D80056	80	5		•	35	General: 60 80 100 120 150 180 240 320	200	9000				
D30256	30	25		•	35	D80106	80	10		•	35							
D30306	30	30		•	35	D80156	80	15		•	35							
D40056	40	5		•	35	D80206	80	20		•	35							
D40106	40	10		•	35	D80256	80	25		•	35							
D40156	40	15		•	35	D80306	80	30		•	35							
D40206	40	20		•	35	D80406	80	40		•	35							
D40256	40	25		•	35	D80506	80	50		•	35							

Other dimensions custom please visit [www.kytools.cn](http://www.kytools.cn) or send to [beibei.liu@kytools.cn](mailto:beibei.liu@kytools.cn)

### PROCESSING ILLUSTRATION:

- ▶ **Raw material:** Aluminum Oxide(AO), Zirconia(ZR), Silicon Carbide( SC), Ceramic Aluminum Oxide Combined (CAO)
- ▶ **Cloth base:** High quality domestic cloth base, pure import cloth base
- ▶ **Effect:** Fine polishing
- ▶ **Particle size:** 40-600 grit ( 800#-1200# are available for Silicon Carbide customizing)
- ▶ **Handle length:** 30mm/35mm other lengths can be customized
- ▶ **Inner hole size range:** 3mm、6mm、3.175mm、6.35mm、8mm、10mm Other sizes can be customized
- ▶ **Outer diameter range:** 10mm-80mm other sizes can be customized
- ▶ **Features:** High performance、strong grinding force、fast heat dissipation、low consumption、long service life and low dust
- ▶ **Applications:** Stainless steel、metal、non-ferrous metals、aluminum alloy products、cast iron and so on
- ▶ **Applicable tools:** Power tools、air tools、straight grinders、robots and other tools
- ▶ **Application:** Widely used in various metal surface treatment、rust removal、deburring、cleaning of soldering、cleaning coating、polishing、polishing and brightening、painting pretreatment And so on

### PRODUCT DETAILS:



# MOUNTED FLAP WHEELS



## General information

### GRIT GUIDE:

40	60	80	120	180	240	320	400	600
Preliminary processing of severe surface scratches								
Remove rough burrs or bumps								
Grind deeper laser engraving marks or abrasive groove faces								
Clean up rust, nicks or welds								
	Pre-painting before painting							
	Medium-term polishing and smoothing							
		Slight scratches or brushed finishes						
				Fine grinding and polishing				
					Finishing and translucent processing of various metal surfaces			
							Mirror processing	

### APPLICATION GUIDE:



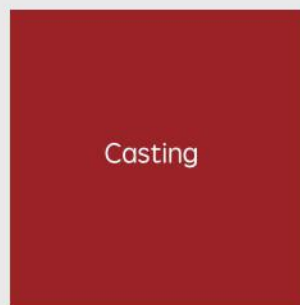
Various metals, stainless steel, aluminum alloy, steel and so on



Marble



Wood



Casting



**TOOLS:** Power tools, air tools, straight grinders, robots and other tools

