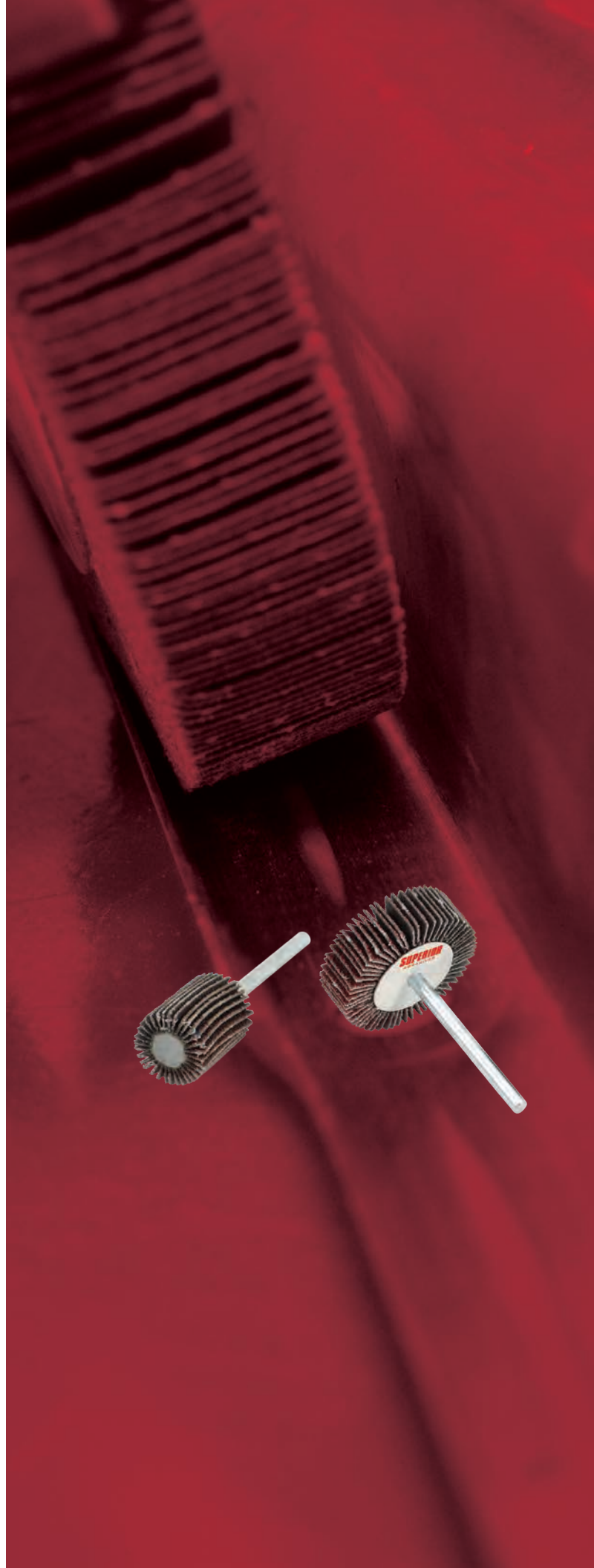


### Flap Wheels

Flexible flaps are arranged radially around a center core allowing high removal and finishing rates with reduced pressure and fatigue from operators. The flexibility of the flaps allows excellent control and conformability on contours and inside or around intricate parts. As the grains wear away, so does the cloth backing, continually exposing fresh abrasive material and sharp cutting grains. The variety of shapes and sizes available provide versatility in grinding, deburring and polishing flat or contoured surfaces and edges. Several mounting options are available for many tools, including right angle grinders.

### Applications

- ▶ Contoured grinding and finishing
- ▶ Inner tube deburring, cleaning and polishing
- ▶ Shaping or refining contours on cast or machined parts
- ▶ Weld seam blending or finishing
- ▶ Straight line finishing and surface preparation



## Ao FLAP WHEELS FOR ANGLE GRINDERS

Portable, large diameter flap wheel conforms to right angles to remove or refine inside corner welds, clean or refine narrow channels or extrusions. Quick change hub for use with right angle grinders.

- ▶ Narrow profile with extended flaps
- ▶ Easily refine or prep deeper channels
- ▶ Strong, flexible cloth backing wears uniformly
- ▶ Quick changeover between other right angle wheels or discs

### ▶ Superior Support

The low profile of flap wheels are excellent for working very close to edges and corners without damaging surrounding surfaces.



Diameter	Width	Arbor	Max RPM	Optimal RPM	Std. Pkg.	40	60	80	120
4-1/2"	3/4"	5/8"-11	13,300	7,500	2	<b>54801</b>	<b>54802</b>	<b>54803</b>	<b>54804</b>

● Ferrous    ● Non-Ferrous    ● Stainless    ○ Exotic Alloys    ● Plastics    ○ Composites

## Ao MINI MOUNTED FLAP WHEELS



Access and finish small and intricate openings and contours. Flexible flaps conform to acute angles and wear uniformly for consistent parts finishing. Ideal for reshaping or cleaning intricate cast parts.

- ▶ Easily access small openings or channels
- ▶ Continual grain exposure throughout product life
- ▶ Flexibility to contours and intricate parts



Diameter	Width	Shank	Max RPM	Optimal RPM	Std. Pkg.	80	120	180	240	320
3/8"	3/8"	1/8"	40,000	30,000	10	<b>24791</b>	<b>24802</b>	<b>24803</b>	<b>24804</b>	<b>24805</b>
5/8"	5/8"	1/8"	40,000	30,000	10	<b>24806</b>	<b>24807</b>	<b>24808</b>	<b>24809</b>	<b>24810</b>
5/8"	3/4"	1/8"	40,000	30,000	10	<b>24811</b>	<b>24812</b>	<b>24813</b>	<b>24814</b>	-
3/4"	5/8"	1/8"	38,100	19,000	10	<b>24816</b>	<b>24817</b>	24818	24819	-
3/4"	3/4"	1/8"	38,100	19,000	10	<b>24821</b>	<b>24822</b>	<b>24823</b>	<b>24824</b>	<b>24825</b>
1-3/16"	1/8"	1/8"	25,000	12,000	10	<b>24826</b>	<b>24827</b>	24828	24829	-
1-3/16"	3/16"	1/8"	25,000	12,000	10	<b>24832</b>	<b>24833</b>	24834	24835	-
1-3/16"	3/8"	1/8"	25,000	12,000	10	<b>24837</b>	<b>24838</b>	24839	<b>24840</b>	-

● Ferrous    ● Non-Ferrous    ● Stainless    ○ Exotic Alloys    ● Plastics    ○ Composites

## AO MOUNTED FLAP WHEELS

Reach small ports or channels and easily navigate contours for grinding, deburring or polishing. Flaps wear evenly exposing fresh cuts throughout life. Several sizes available to match workpieces.

- ▶ Contoured grinding and finishing
- ▶ Inner tube deburring, cleaning and polishing
- ▶ Shaping or refining contours on cast or machined parts
- ▶ Weld seam blending or finishing



Diameter	Width	Shank	Max RPM	Optimal RPM	Std. Pkg.	40	60	80	120	180	240	320
3/4"	3/4"	1/4"	38,100	19,000	10	44406	<b>21881</b>	<b>21882</b>	<b>33358</b>	26874	-	-
1"	5/8"	1/4"	25,000	15,000	10	-	<b>10101</b>	<b>10102</b>	<b>10103</b>	-	-	-
1"	1"	1/4"	25,000	15,000	10	18593	<b>10104</b>	<b>10105</b>	<b>10106</b>	<b>10107</b>	<b>17116</b>	<b>16952</b>
1-1/2"	1/2"	1/4"	23,000	9,600	10	-	<b>10108</b>	<b>10109</b>	<b>10110</b>	16037	50664	53333
1-1/2"	1"	1/4"	23,000	9,600	10	31198	<b>10114</b>	<b>10115</b>	<b>10116</b>	<b>10117</b>	31201	47589
2"	1/2"	1/4"	23,000	7,000	10	-	<b>10118</b>	<b>10119</b>	<b>10120</b>	55293	-	-
2"	1"	1/4"	23,000	7,000	10	<b>10124</b>	<b>10125</b>	<b>10126</b>	<b>10127</b>	<b>10128</b>	<b>10129</b>	16293
2"	1-1/2"	1/4"	15,000	7,000	10	31257	<b>10130</b>	<b>10131</b>	10132	-	-	-
2-1/2"	1"	1/4"	23,000	6,300	10	18445	<b>10136</b>	<b>10137</b>	<b>10138</b>	10139	52745	54602
3"	1/2"	1/4"	20,000	4,800	10	16283	<b>10142</b>	<b>10143</b>	<b>10144</b>	31369	50085	49881
3"	1"	1/4"	20,000	4,800	10	<b>10148</b>	<b>10149</b>	<b>10150</b>	<b>10151</b>	<b>10152</b>	<b>10153</b>	-
3"	2"	1/4"	6,000	4,800	10	31474	<b>10157</b>	<b>10158</b>	<b>10159</b>	16930	-	31479

● Ferrous   ● Non-Ferrous   ● Stainless   ○ Exotic Alloys   ● Plastics   ○ Composites

## AO 10-PIECE FLAP WHEEL TEST KIT

A variety of the most popular shank mounted flap wheels to match several applications in one convenient test kit.

Size	60	80	120	180	Std. Pkg.	Part #
1 x 1 x 1/4"	1	1	1	-	1	<b>28799</b>
2 x 1 x 1/4"	1	1	1	1		
3 x 1 x 1/4"	1	1	1	-		

● Ferrous   ● Non-Ferrous   ● Stainless   ○ Exotic Alloys   ● Plastics   ○ Composites





## Ao THREADED MOUNTED FLAP WHEELS



Quick change threaded mandrel provides fast changeover between worn and new wheels, or between sizes and grits. Flaps wear evenly exposing fresh cuts throughout life. Used with a threaded mandrel adapter, no extra tooling is necessary.

- ▶ Contoured grinding and finishing
- ▶ Inner tube deburring, cleaning and polishing
- ▶ Shaping or refining contours on cast or machined parts
- ▶ Weld seam blending or finishing

Diameter	Width	Shank	Max RPM	Optimal RPM	Std. Pkg.	60	80	120
1"	5/8"	1/4"-20	25,000	15,000	10	<b>10160</b>	<b>10161</b>	<b>10162</b>
1"	1"	1/4"-20	25,000	15,000	10	<b>10163</b>	<b>10164</b>	<b>10165</b>
1-1/2"	1/2"	1/4"-20	23,000	9,600	10	<b>10167</b>	<b>10168</b>	<b>10169</b>
1-1/2"	1"	1/4"-20	23,000	9,600	10	<b>10173</b>	<b>10174</b>	<b>10175</b>
2"	1/2"	1/4"-20	23,000	7,000	10	<b>10177</b>	<b>10178</b>	<b>10179</b>
2"	1"	1/4"-20	23,000	7,000	10	<b>10184</b>	<b>10185</b>	<b>10186</b>
2-1/2"	1"	1/4"-20	23,000	6,300	10	10192	10193	-
3"	1/2"	1/4"-20	20,000	4,800	10	10196	<b>10197</b>	10198
3"	1"	1/4"-20	20,000	4,800	10	<b>10203</b>	10204	<b>10205</b>

● Ferrous    ● Non-Ferrous    ● Stainless    ○ Exotic Alloys    ● Plastics    ○ Composites

## THREADED MANDREL ADAPTER



Quick change mandrel alleviating the need for additional tooling when replacing worn wheels or exchanging sizes and grits. Used with threaded mounted flap wheels.

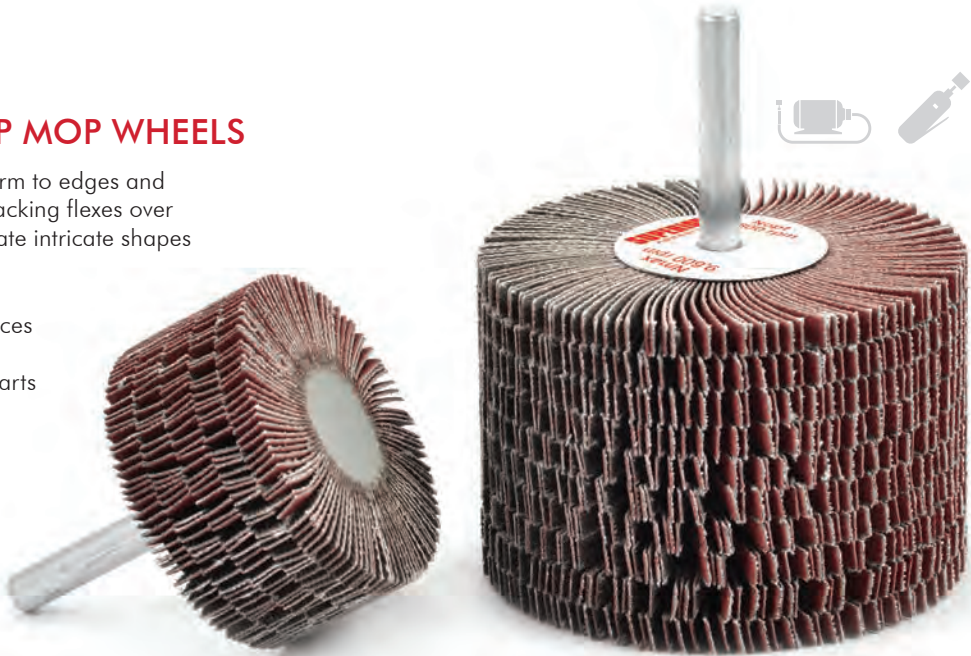


Connector	Shank	Overall Length	Std. Pkg.	Part #
1/4"-20 Female	1/4"	1-3/4"	1	<b>10208</b>

# Ao MOUNTED FLAP MOP WHEELS

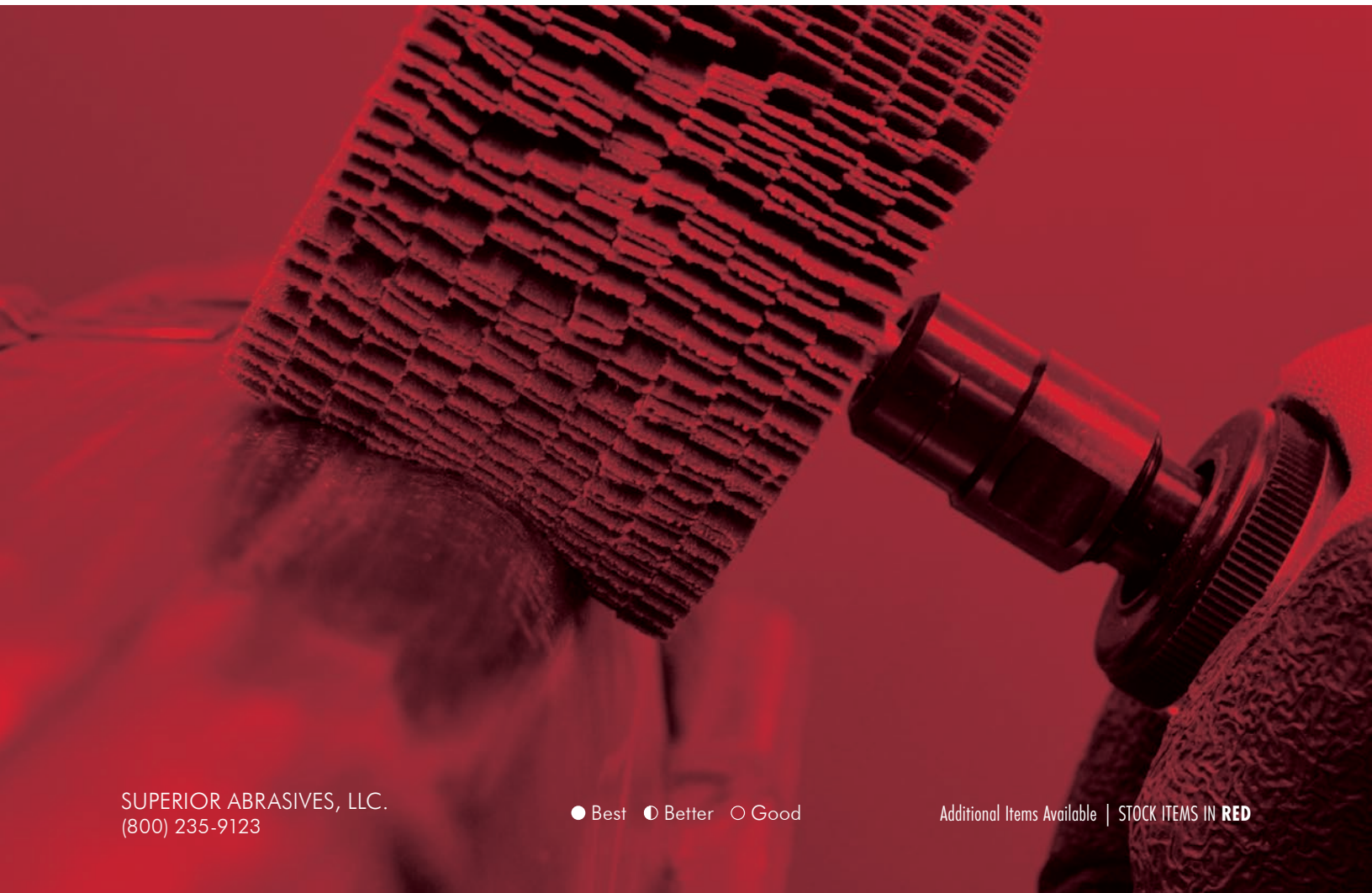
Slotted flaps increase ability to conform to edges and contours. The softer J-weight cloth backing flexes over irregular surfaces easily. Easily navigate intricate shapes without damage.

- ▶ Deburr and polish irregular surfaces
- ▶ Added control and finesse
- ▶ Controlled finishing of intricate parts



Diameter	Width	Shank	Max RPM	Optimal RPM	Std. Pkg.	120	180	240	320
2"	1"	1/4"	20,000	12,000	10	28967	28968	28969	28970
2-1/2"	1-1/2"	1/4"	18,000	11,000	10	28971	28973	28974	28953
3"	2"	1/4"	9,600	5,800	5	28954	28955	28145	28956

● Ferrous  
 ● Non-Ferrous  
 ● Stainless  
 ○ Exotic Alloys  
 ● Plastics  
 ○ Composites





## Ao UNMOUNTED FLAP WHEELS

Spindle mounted wheels used with stationary equipment or adaptable handheld tools. Shape, finish and polish handheld parts, or produce linear finishes on flat parts. Longer, more flexible flaps finesse and conform to contours and smaller parts.

- ▶ Contoured grinding and finishing
- ▶ Shaping or refining contours on cast or machined parts
- ▶ Weld seam blending or finishing
- ▶ Straight line finishing and surface preparation



Diameter	Width	Arbor	Max RPM	Optimal RPM	Std. Pkg.	40	50	60	80	120	180
4"	1"	5/8"	8,600	8,000	5	53220	-	26269	26270	26272	26273
4"	2"	5/8"	8,600	8,000	5	-	26279	26280	26281	26282	26283
6"	1"	1"	5,700	5,000	5	26289	26290	<b>26291</b>	<b>26292</b>	<b>26294</b>	<b>26296</b>
6"	2"	1"	5,700	5,000	5	<b>26304</b>	<b>26305</b>	<b>26306</b>	<b>26307</b>	26309	26310
8"	1"	1"	4,300	3,800	3	52787	-	<b>26315</b>	26316	26318	26319

● Ferrous    ● Non-Ferrous    ● Stainless    ○ Exotic Alloys    ● Plastics    ○ Composites

## ARBOR REDUCER BUSHINGS

Arbor Diameter	Reduced Diameter	Std. Pkg.	Part #
1"	3/4"	1 Pair	10391
1"	5/8"	1 Pair	<b>10392</b>
1"	1/2"	1 Pair	<b>10393</b>

