



### CATEGORY DEFINITION

Flap wheels are an ideal choice for a wide variety of blending, deburring and finishing applications common in the metal fabrication, welding and polishing industries. Flap wheels are conformable to intricate shapes and contours. Designed to deliver a consistent finish with a uniform rate of cut, flap wheels wear away, continually exposing fresh abrasives.

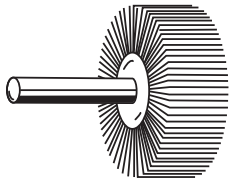
- APPLICATIONS:** Used for a wide range of metal fabrication and welding applications including stock removal, blending, deburring, cleaning, finishing, and polishing
- SIZE RANGE:** Flap Wheels with mounted steel shanks: 3/8" - 3" diameter  
 Flap Wheels with mounted 1/4-20 thread: 1" - 3" diameter  
 Flap Wheels with arbor holes: 3" - 16" diameter
- GRIT RANGE:** 40 - 320
- ABRASIVE GRAIN:** Ceramic Alumina/Aluminum Oxide, Aluminum Oxide



### SHAPE RECOMMENDATION GUIDE

#### SHAPE

#### DESCRIPTION/APPLICATION



##### Flap Wheels with Mounted Steel Shanks

Wheels are designed with a 1/8" or 1/4" steel shank as an integral part of each wheel. These shanks run through the wheel creating better balance, a reduction of chatter, and reduced operator fatigue. They also permit quick changes on air tools when using other abrasive products.



##### Flap Wheels with Mounted 1/4-20 Thread

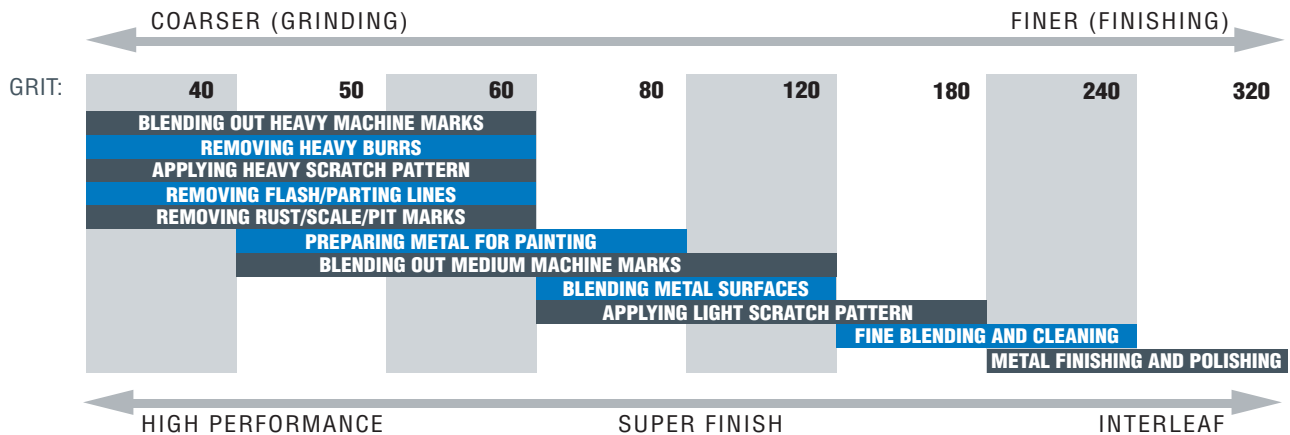
Wheels are designed with a 1/4"-20 thread and flange as an integral part of the wheel. These threads facilitate the quickest changes on air tools using flap wheels exclusively, as there are no special tools needed to change the flap wheel. Also allow extended reach with accessory mandrels.



##### Flap Wheels with Arbor Holes

For use on larger portable and fixed-base tools where the wheel must fit on an existing arbor.

### APPLICATION/GRIT RECOMMENDATION GUIDE



SEE NON-WOVEN FLAP WHEEL SECTION FOR INTERLEAF FLAP WHEELS



## Micro-Mini Flap Wheels with 1/8" Mounted Steel Shanks

- The smallest flap wheels, ranging from 3/8" to 1-3/16" diameter, mounted on a 1/8" diameter steel shank
- Provide fast polishing and light deburring of internal workpieces with holes or grooves as small as 1/2"

### AVAILABILITY

TIER:	<b>GOOD</b>
BRAND:	Merit
TRADENAME:	<b>MICRO-MINI</b>
ABRASIVE:	Aluminum Oxide

TIER:	<b>GOOD</b>
BRAND:	Merit
TRADENAME:	<b>MICRO-MINI</b>
ABRASIVE:	Aluminum Oxide

D X W X SK.	MAX. RPM	GRIT	STD. PKG.	PART NO.
3/8 x 3/8 x 1/8	40,000	60	10	08834137470
		80		08834137471
		120		08834137472
		180		08834137473
		240		08834137474
		320		08834137475
5/8 x 5/8 x 1/8	37,000	60	10	08834137480
		80		08834137481
		120		08834137482
		180		08834137483
		240		08834137484
		320		08834137485
5/8 x 3/4 x 1/8	37,000	80	10	08834137541
		120		08834137542
		180		08834137543
		240		08834137544
		320		08834137545
		3/4 x 3/16 x 1/8		35,000
80	08834137551			
120	08834137552			
180	08834137553			
240	08834137554			
320	08834137555			
3/4 x 3/8 x 1/8	35,000	60	10	08834137560
		80		08834137561
		120		08834137562
		180		08834137563
		240		08834137564
		320		08834137565
3/4 x 1/2 x 1/8	35,000	60	10	08834137570
		80		08834137571
		120		08834137572
		180		08834137573
		240		08834137574
		320		08834137575

D X W X SK.	MAX. RPM	GRIT	STD. PKG.	PART NO.
3/4 x 5/8 x 1/8	35,000	60	10	08834137580
		80		08834137581
		120		08834137582
		180		08834137583
		240		08834137584
		320		08834137585
3/4 x 3/4 x 1/8	35,000	60	10	08834137590
		80		08834137591
		120		08834137592
		180		08834137593
		240		08834137594
		320		08834137595
1-3/16 x 1/8 x 1/8	30,000	80	10	08834137491
		120		08834137492
		180		08834137493
		240		08834137494
		320		08834137495
		1-3/16 x 3/16 x 1/8		30,000
80	08834137501			
120	08834137502			
180	08834137503			
240	08834137504			
320	08834137505			
1-3/16 x 3/8 x 1/8	30,000	80	10	08834137511
		120		08834137512
		180		08834137513
		240		08834137514
		320		08834137515



### Flap Wheel Test Kits

#### Micro-Mini Test Kit "MMC"

- Part No. 08834131493
- Includes five wheels, 3/8" to 1-3/16" diameter in various grits, mounted on a 1/8" diameter hardened steel shank
- The "MMC" kit is ideal for fast polishing and light deburring of internal holes or grooves as small as 1/2"



#### Shank-Mounted Mini Test Kit "CMM"

- Part No. 08834138004
- Includes ten wheels, 1" to 3" diameter in various grits mounted on a 1/4" diameter hardened steel shank