

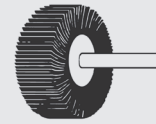
# Abrasive Wheel Systems

## 3M™ Flap Wheels

Coated Abrasive flap wheels are the ideal choice for light grinding, blending, graining and scale removal on a variety of metals. The abrasive flaps offer a long lasting supply of fresh abrasives and a load resistant design. Available in both flange mounted and spindle mounted constructions with general purpose aluminum oxide or high performing 3M ceramic aluminum oxide blend abrasive grain.

### 3M™ Spindle Mounted Flap Wheel Selection Guide

Product	Mineral	Grade	Performance	Stainless Steel	Carbon Steel
747D	Ceramic Aluminum Oxide Blend	36-150	Advanced	■	■
244D	Aluminum Oxide	60-120	Good		■



T83; 1/4" Straight



T84; 1/4-20 Threaded

### 3M™ Flap Wheels 741A

- 3M ceramic aluminum oxide blend abrasive grain on a durable X wt cloth backing
- Longer life and faster cut



UPC	Dia x W x AH	Grade	Max RPM	Qty/Case
<b>Flange Mounted</b>				
051144-82770-1	6" x 1" x 1"	50	6,100	5
051144-81986-7	6" x 1" x 1"	60	6,100	5
051144-81984-3	6" x 1" x 1"	80	6,100	5

### 3M™ Flap Wheels 741A can be Made-to-Order in these sizes:

Diameter	Arbor Hole
> 3" – 4-1/2"	5/8"
> 4-1/2" – 6"	1"
> 6" – 8"	1" or 1-1/4"
> 8" – 10"	1-3/4" or 2"

### 3M™ Flap Wheels 244D T83 and T84

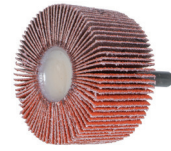
- Aluminum oxide
- General purpose flap wheel delivers consistent finish and uniform cut



UPC	Dia x W x Shk	Grade	Max RPM	Qty/Case
<b>T83; 1/4" Straight</b>				
051144-35475-7	1" x 1" x 1/4"	60	30,000	10
051144-35476-4	1" x 1" x 1/4"	80	30,000	10
051144-35477-1	1" x 1" x 1/4"	120	30,000	10
051144-14623-9	2" x 1" x 1/4"	60	25,000	10
051144-14624-6	2" x 1" x 1/4"	80	25,000	10
051144-14625-3	2" x 1" x 1/4"	120	25,000	10
051144-14655-0	3" x 1" x 1/4"	60	20,000	10
051144-14656-7	3" x 1" x 1/4"	80	20,000	10
051144-14657-4	3" x 1" x 1/4"	120	20,000	10
<b>T84; 1/4-20 Threaded</b>				
051144-35467-2	1" x 1" x 1/4-20 EXT	60	30,000	10
051144-35468-9	1" x 1" x 1/4-20 EXT	80	30,000	10
051144-35469-6	1" x 1" x 1/4-20 EXT	120	30,000	10
051144-14575-1	2" x 1" x 1/4-20 EXT	60	25,000	10
051144-14576-8	2" x 1" x 1/4-20 EXT	80	25,000	10
051144-14607-9	3" x 1" x 1/4-20 EXT	60	20,000	10
051144-14608-6	3" x 1" x 1/4-20 EXT	80	20,000	10

### 3M™ Flap Wheels 747D T83 and T84







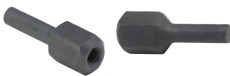
- 3M ceramic aluminum oxide blend abrasive grain on a resin-bonded X wt cloth backing
- Includes a grinding aid for cooler running on stainless steel



UPC	Dia x W x Shk	Grade	Max RPM	Qty/Case
<b>T83; 1/4" Straight</b>				
051144-80761-1	1" x 1" x 1/4"	60	30,000	10
051144-80757-4	1" x 1" x 1/4"	80	30,000	10
051144-80753-6	1" x 1" x 1/4"	P120	30,000	10
051144-80763-5	2" x 1" x 1/4"	60	25,000	10
051144-80759-8	2" x 1" x 1/4"	80	25,000	10
051144-80755-0	2" x 1" x 1/4"	P120	25,000	10
051144-80650-8	3" x 1" x 1/4"	60	20,000	10
051144-80651-5	3" x 1" x 1/4"	80	20,000	10
051144-80652-2	3" x 1" x 1/4"	P120	20,000	10
<b>T84; 1/4-20 Threaded</b>				
051144-83271-2	2" x 1" x 1/4-20 EXT	60	25,000	10
051144-83268-2	2" x 1" x 1/4-20 EXT	80	25,000	10
051144-83269-9	3" x 1" x 1/4-20 EXT	60	20,000	10
051144-83267-5	3" x 1" x 1/4-20 EXT	80	20,000	10

**Attention:** Wheels are available in other grades and sizes. If you need a specific wheel not listed, contact your 3M Sales Specialist or 3M Authorized Distributor.

## Accessories: Abrasive Wheel Systems

Product	UPC	For Use With	Size/Description	Max RPM	Qty/Case
<b>Mandrel 990</b> 	048011-15012-3	Scotch-Brite™ Unitized Wheels with 3/16" Center Hole	1-3/4" x 1/4" x 1"	25,100	5
<b>Mandrel 936</b> 	048011-04018-9	Scotch-Brite™ Unitized Wheels with 3/8" Center Hole	2-1/16" x 1/4" x 3/4"	22,200	5
<b>Unitized Wheel Mandrels</b> 	051141-28848-2	2" or 3" OD, 1/4" thick unitized wheels with 1/4" diameter center hole	1-5/8" x 1/4" x 3/4" x 1/4"	18100 (3") 22100 (2")	5
28848	051141-28847-5	2" or 3" OD, 1/8" thick unitized wheels with 1/4" diameter center hole	1-1/2" x 1/4" x 3/4" x 1/8"	18100 (3") 22100 (2")	5
28850	051141-28849-9	2" or 3" OD, 1/2" thick unitized wheels with 1/4" diameter center hole	1-7/8" x 1/4" x 3/4" x 1/2"	18100 (3") 22100 (2")	5
28850	051141-28850-5	2" or 3" OD, 3/4" thick unitized wheels with 1/4" diameter center hole	2-1/8" x 1/4" x 3/4" x 3/4"	16100 (3") 18100 (2")	5
28838	051141-28851-2	2" or 3" OD, 1" thick unitized wheels with 1/4" diameter center hole	2-3/8" x 1/4" x 3/4" x 1"	16100 (3") 18100 (2")	5
28838	051141-28838-3	3" OD, 1/8" to 1/2" thick, 1/4" diameter center hole deburr & finish unitized wheels	2-1/2" x 1/4 in x 1"	18100	5
<b>Flange Adapter Kit No. 5</b> 	048011-16859-3	6" Wheels; Telescoping wheel adapters 1" and 1/2" wide to reduce 1" wheel cores to fit 1/2", 5/8", 3/4", or 7/8" shafts; Must be used with side flanges	1" x 1/2" x 1/2"	N/A	1 Set
	048011-16860-9		1" x 1" x 1/2"	N/A	1 set/bag 5 sets/case
<b>Flange Nut</b> 	051141-28739-3	4" x 1/4" x 5/8" CH Unitized Wheels and Depressed Center Grinding Wheels	1" x 5/8" x 3/8"; 3/8-24 INT	N/A	1 set/bag 5 sets/case
	051141-28740-9		1" x /8"; 5/8-11 INT	N/A	1 set/bag 5 sets/case
<b>Wheel Adapter Kit No.3</b> 	051144-45035-0	Two arbor hole (plug type) adapters for 6" and 8" diameter flap wheels	1" OD x 1/2" ID	N/A	1
	051144-45034-3		1" OD x 5/8" ID	N/A	1
	051144-45033-6		1" OD x 3/4" ID	N/A	1
	051144-45032-9		1" OD x 7/8" ID	N/A	1
<b>Wheel Adapter Kit No. 81A</b> 	051144-45081-7	For T84 Flap Wheels	1/4" x 1/4-20 INT	N/A	1