



From large Grind-O-Flex wheels 16" in diameter to Micro-Mini wheels 3/8" diameter, Merit Abrasives has the flap wheel for your application.

Merit Grind-O-Flex flap wheels use the highest quality abrasives available in the market:

- Grind-O-Flex and High Performance Mini Wheels use an innovative new coated abrasive, designed from the ground up for flap wheel applications. Featuring premium ceramic and aluminum oxide abrasive grains and a new heavy cotton backing, these wheels give superior life and an aggressive cut, lasting double the life of competitive products
- Super Finish Mini wheels and Micro-Mini wheels feature flexible and durable abrasives for superior conformability and life

Flap wheels are an ideal choice for a wide variety of blending, deburring and finishing applications common in the polishing, metal fabrication and welding industries. Flap wheels are conformable and can be shaped for intricate shapes and contours.

Its no wonder Merit Grind-O-Flex flap wheels have been a valued workhorse in thousands of industries for over 45 years.



High Performance Mini Grind-O-Flex Wheels



GRIND-O-FLEX

Mini Grind-O-Flex Quick-Change

The Mini Grind-O-Flex is designed for polishing and grinding intricate surfaces. Built-in flange construction insures perfect balance at speeds of up to 30,000 RPM.

The "mini-wheel" reduces labor costs on many applications which are currently finished with brushes, rubber points, felt bobs, or cartridge rolls. The "quick-change" feature allows you to quickly spin the wheel on and off with no special tools.



High Performance Mini Wheels feature a completely new, more durable coated abrasive, designed from the ground up for demanding flap wheel applications.

High Performance Quick-Change Mini Grind-O-Flex Wheels

More aggressive and durable, our high performance Quick-Change Mini Grind-O-Flex Wheels are used for heavy stock removal.

HIGH PERFORMANCE MINI GRIND-O-FLEX QUICK-CHANGE

MODEL	DIA. X W. X 1/4-20 THD.	GRIT	PART #
XX-0015	1" x 5/8"	60	08834131001
Max RPM 30,000		80	08834131002
10/box 100/case		120	08834131003
XX-0011	1" x 1"	40	08834131027
Max RPM 30,000		60	08834131008
10/box		80	08834131009
100/case		120	08834131010
		180	08834131011
		240	08834131012
		320	08834131013
XX-1306	1-3/8" x 5/8"	60	08834132001
Max RPM 30,000		80	08834132002
10/box 100/case		120	08834132003

HIGH PERFORMANCE MINI GRIND-O-FLEX QUICK-CHANGE (CONTINUED)

MODEL	DIA. X W. X 1/4-20 THD.	GRIT	PART #
XX-1510	1-5/8" x 1"	40	08834132051
Max RPM 25,000		60	08834132015
10/box		80	08834132016
100/case		120	08834132017
		180	08834132018
		320	08834132020
XX-2007	2" x 3/4"	60	08834133008
Max RPM 25,000		80	08834133009
10/box		120	08834133010
100/case		180	08834133011
XX-2010	2" x 1"	40	08834133044
Max RPM 25,000		60	08834133015
10/box		80	08834133016
100/case		120	08834133017
		180	08834133018
		240	08834133019
		320	08834133020
XX-2015	2" x 1-1/2"	60	08834135201
Max RPM 25,000		80	08834135202
10/box		120	08834135203
100/case		180	08834135204
XX-2510	2-1/2" x 1"	40	08834134061
Max RPM 20,000		60	08834134022
10/box		80	08834134023
100/case		120	08834134024
		180	08834134025
XX-3007	3" x 3/4"	60	08834135008
Max RPM 20,000		80	08834135009
10/box 100/case		120	08834135010
XX-3010	3" x 1"	40	08834135230
Max RPM 20,000		60	08834135015
10/box		80	08834135016
100/case		120	08834135017
		180	08834135018
		240	08834135019

HIGH PERFORMANCE MINI GRIND-O-FLEX PLAIN ARBOR HOLE

MODEL	DIA. X W. X A.H.	GRIT	PART #
XX-3020	3" x 2"	60	08834135050
Max RPM 12,000	x 3/8 A.H.	80	08834135051
10/box 100/case		120	08834135052

USE MANDREL # 08834137009



Mini Grind-O-Flex Wheels Mandrel-Mounted

High performance Mandrel-Mounted Mini Grind-O-Flex Wheels are designed with the 1/4" mandrel as an integral part of the wheel. It is more aggressive and works great in heavy stock removal operations. A very durable, long lasting mini flap wheel. Featuring a completely new, more durable coated abrasive designed from the ground up for demanding flap wheel applications.

HIGH PERFORMANCE MINI GRIND-O-FLEX MANDREL-MOUNTED

MODEL	DIA. X W. X SK.	GRIT	PART #
MM-0015 Max RPM 30,000 10/box 100/case	1" x 5/8" x 1/4"	40	08834137105
		60	08834137100
		80	08834137101
		120	08834137102
		180	08834131536
		240	08834137104
MM-0011 Max RPM 30,000 10/box 100/case	1" x 1" x 1/4"	320	08834137357
		40	08834131259
		50	08834137309
		60	08834137310
		80	08834137311
		120	08834137312
MM-1306 Max RPM 30,000 10/box 100/case	1-3/8" x 5/8" x 1/4"	180	08834137313
		240	08834137114
		320	08834137315
		60	08834137320
		80	08834137321
		120	08834137322
MM-1510 Max RPM 25,000 10/box 100/case	1-1/2" x 1" x 1/4"	180	08834137323
		240	08834137324
		40	08834135140
		60	08834137340
		80	08834137141
		120	08834137142
MM-1515 Max RPM 25,000 10/box 100/case	1-1/2" x 1-1/2" x 1/4"	180	08834137343
		240	08834132101
		320	08834137145
		40	08834130642
		60	08834130643
		80	08834130644
		120	08834130641
		180	08834130695

HIGH PERFORMANCE MINI GRIND-O-FLEX MANDREL-MOUNTED (CONTINUED)

MODEL	DIA. X W. X SK.	GRIT	PART #
MM-2007 Max RPM 25,000 10/box 100/case	2" x 3/4" x 1/4"	40	08834137158
		60	08834137160
		80	08834137161
		120	08834137162
		180	08834137163
MM-2010 Max RPM 25,000 10/box 100/case	2" x 1" x 1/4"	40	08834137377
		50	08834137169
		60	08834137370
		80	08834137371
		120	08834137372
		180	08834137373
		240	08834137374
MM-2015 Max RPM 25,000 10/box 100/case	2" x 1-1/2" x 1/4"	320	08834137375
		40	08834137183
		60	08834137380
		80	08834137381
		120	08834137382
		240	08834137384
MM-2510 Max RPM 20,000 10/box 100/case	2-1/2" x 1" x 1/4"	320	08834137319
		40	08834137408
		60	08834137410
		80	08834137411
		120	08834137412
		180	08834137413
MM-2515 Max RPM 20,000 10/box 100/case	2-1/2" x 1-1/2" x 1/4"	240	08834137633
		320	08834137415
		60	08834137420
MM-3007 Max RPM 20,000 10/box 100/case	3" x 3/4" x 1/4"	80	08834137421
		120	08834137422
MM-3010 Max RPM 20,000 10/box 100/case	3" x 1" x 1/4"	60	08834137440
		80	08834137441
MM-3020 Max RPM 12,000 10/box 100/case	3" x 2" x 1/4"	60	08834137456
		80	08834137450
		120	08834137451
		180	08834137252
		240	08834137253
		320	08834135339
		240	08834135341
		40	08834137460
		60	08834137260
		80	08834137261
		120	08834137262
		180	08834137263



Super Finish Mini Grind-O-Flex Wheels



Mini Grind-O-Flex Wheels Quick-Change

Our Super Finish Quick-Change Mini Grind-O-Flex wheels are designed to conform to the area being finished, working to give a finer finish contouring to the work piece with tremendous flexibility.

SUPER FINISH MINI GRIND-O-FLEX QUICK-CHANGE

MODEL	DIA. X W. X 1/4-20THD.	GRIT	PART #
XX-0015	1" x 5/8"	60	08834130700
Max RPM 30,000		80	08834130701
10/box		120	08834130702
100/case		180	08834130703
XX-0011	1" x 1"	60	08834130706
Max RPM 30,000		80	08834130707
10/box		120	08834130708
100/case		180	08834130709
		240	08834130710
320	08834130711		
XX-1306	1-3/8" x 5/8"	80	08834130834
Max RPM 30,000			
10/box 100/case			
XX-1505	1-5/8" x 1/2"	60	08834132008
Max RPM 25,000		80	08834132009
10/box		120	08834132010
100/case		180	08834132011
XX-1510	1-5/8" x 1"	60	08834130712
Max RPM 25,000		80	08834130713
10/box		120	08834130714
100/case		180	08834130715

SUPER FINISH MINI GRIND-O-FLEX QUICK-CHANGE (CONTINUED)

MODEL	DIA. X W. X 1/4-20THD.	GRIT	PART #
XX-2005	2" x 1/2"	60	08834133001
Max RPM 25,000		80	08834133002
10/box		120	08834133003
100/case		180	08834133004
		320	08834133006
XX-2007	2" x 3/4"	60	08834130718
Max RPM 25,000		80	08834130719
10/box 100/case		120	08834130720
XX-2010	2" x 1"	60	08834130724
Max RPM 25,000		80	08834130725
10/box		120	08834130726
100/case		180	08834130727
		240	08834130728
320		08834130729	
XX-2015	2" x 1-1/2"	60	08834130730
Max RPM 25,000		80	08834130731
10/box 100/case		120	08834130732
XX-2501	2-1/2" x 1/4"	60	08834134001
Max RPM 20,000		80	08834134002
10/box		120	08834134003
100/case		180	08834134004
XX-2503	2-1/2" x 3/8"	60	08834134008
Max RPM 20,000		80	08834134009
10/box 100/case		120	08834134010
XX-2505	2-1/2" x 1/2"	60	08834134015
Max RPM 20,000		80	08834134016
10/box		120	08834134017
100/case		180	08834134018
XX-2510	2-1/2" x 1"	60	08834130736
Max RPM 20,000		80	08834130737
10/box 100/case		120	08834130738
XX-3005	3" x 1/2"	60	08834135001
Max RPM 20,000		80	08834135002
10/box		120	08834135003
100/case		180	08834135004
XX-3007	3" x 3/4"	60	08834130742
Max RPM 20,000		80	08834130743
10/box 100/case		120	08834130744
XX-3010	3" x 1"	60	08834130748
Max RPM 20,000		80	08834130749
10/box		120	08834130750
100/case		180	08834130751
		240	08834130752
	320	08834130753	

Mini Grind-O-Flex Wheels Mandrel-Mounted

Our Super Finish Mandrel-Mounted Mini Grind-O-Flex are designed with the 1/4" mandrel mounted in the wheel. The flaps are more flexible than in High Performance Mini Flap Wheels and are designed with flexibility to allow the wheels to contour to the work piece.

SUPER FINISH MINI GRIND-O-FLEX MANDREL-MOUNTED

MODEL	DIA. X W. X SK.	GRIT	PART #
MM-0015	1" x 5/8" x 1/4"	60	08834130754
Max RPM 30,000		80	08834130755
10/box		120	08834130756
100/case		180	08834130757
		240	08834130758
		320	08834130759
MM-0011	1" x 1" x 1/4"	60	08834130760
Max RPM 30,000		80	08834130761
10/box		120	08834130762
100/case		180	08834130763
		240	08834130764
		320	08834130765
MM-1325	1-3/16" x 1/4" x 1/4"	60	08834137600
Max RPM 25,000		80	08834137601
10/box 100/case		120	08834137602
MM-1312	1-3/16" x 1/2" x 1/4"	60	08834137810
Max RPM 25,000		80	08834137811
10/box 100/case		120	08834137812
MM-1505	1-1/2" x 1/2" x 1/4"	60	08834137130
Max RPM 25,000		80	08834137131
10/box		120	08834137132
100/case		180	08834137133
		240	08834137134
MM-1510	1-1/2" x 1" x 1/4"	60	08834130766
Max RPM 25,000		80	08834130767
10/box		120	08834130768
100/case		180	08834130769
		240	08834130770
		320	08834130771
MM-2005	2" x 1/2" x 1/4"	60	08834137350
Max RPM 25,000		80	08834137151
10/box		120	08834137152
100/case		180	08834137353
		240	08834137354
		320	08834137355

SUPER FINISH MINI GRIND-O-FLEX MANDREL-MOUNTED (CONTINUED)

MODEL	DIA. X W. X SK.	GRIT	PART #
MM-2007	2" x 3/4" x 1/4"	60	08834130772
Max RPM 25,000		80	08834130773
10/box		120	08834130774
100/case		180	08834130775
MM-2010	2" x 1" x 1/4"	60	08834130778
Max RPM 25,000		80	08834130779
10/box		120	08834130780
100/case		180	08834130781
		240	08834130782
		320	08834130783
MM-2015	2" x 1-1/2" x 1/4"	60	08834130784
Max RPM 25,000		80	08834130785
10/box 100/case		120	08834130786
MM-2510	2-1/2" x 1" x 1/4"	60	08834130790
Max RPM 20,000		80	08834130791
10/box		120	08834130792
100/case		180	08834130793
		240	08834130794
		320	08834130795
MM-3005	3" x 1/2" x 1/4"	60	08834137230
Max RPM 20,000		80	08834137231
10/box		120	08834137232
100/case		180	08834137433
		240	08834137235
		320	08834137287
MM-3007	3" x 3/4" x 1/4"	60	08834130796
Max RPM 20,000		80	08834130797
10/box 100/case		120	08834130798
MM-3010	3" x 1" x 1/4"	60	08834130802
Max RPM 20,000		80	08834130803
10/box		120	08834130804
100/case		180	08834130805
		240	08834130806
		320	08834130807





Flexible Mini Grind-O-Flex Wheels

ALO Flexible Mini Wheels

Flexible Mini Grind-O-Flex flap wheels are engineered for light-duty applications where additional flexibility and conformability are required. These aluminum oxide wheels feature special compliant construction to produce smooth, even finishes on parts with complex geometries.

1-1/2" and smaller diameter wheels are constructed with flexible J-weight cotton flaps; 2" and larger wheels are made of flexible X-weight cotton flaps.

MINI GRIND-O-FLEX FLEXIBLE

DIA. X W. X SHANK	GRIT	PART #
1" x 1" x 1/4"	60	66261192589
Max RPM 30,000	80	66261056934
10/box, 100/case	120	66261056937
2" x 1" x 1/4"	60	66261056944
Max RPM 25,000	80	66261057046
10/box, 100/case	120	66261056942
3" x 1" x 1/4"	60	66261056948
Max RPM 20,000	80	66261057050
10/box, 100/case	120	66261056950

ADDITIONAL NON-STOCK SIZES AND GRITS ARE AVAILABLE.

Tip

Use Merit **High Performance** mini flap wheels for aggressive applications where durability and maximum material removal is required.

Merit **Super Finish** mini flap wheels are softer acting and provide additional flexibility while maintaining long life.

Merit **Flexible** mini flap wheels are for applications where maximum flexibility and conformability are critical.

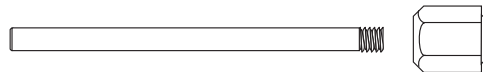
ADAPTERS FOR MINI GRIND-O-FLEX

MODEL	DESCRIPTION	PART #
ADAPT C	FITS XX-3020	08834137009
MA-100	FITS A.H. MINI WHEEL	08834137007
QC-4	1/4" SK. DIA. x 5/8" SK. L.	08834137001
QC-44	1/4" x 4"	08834137003
QC-46	1/4" x 6"	08834137004
QC-48	1/4" x 8"	08834137005
QC-8	1/8" x 5/8"	08834137002
QCT	3/8"-24 THD.	08834137010
QCT	1/4"-20 THD.	08834137012

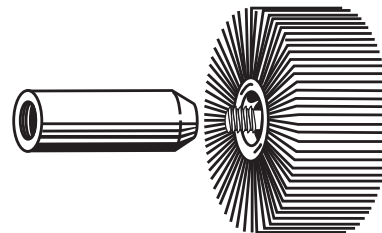
OTHER THREAD SIZES AVAILABLE.



QC-4



QC-46



QC-T

Test Kits – Mini Grind-O-Flex



Mini Grind-O-Flex Test Kit "CQ"

Includes 10 wheels, 1" to 3" diameters, and 1/4" Quick-Change adapter. Each wheel comes with 1/4-20 THD.

Part # 08834138001

GRIND-O-FLEX



Mandrel-Mounted Mini Grind-O-Flex Test Kit "CMM"

Includes 10 wheels, 1" to 3" diameters, in various grits. Each wheel comes with a 1/4" steel mandrel permanently mounted in an epoxy core.

Part # 08834138004

Cup Type Mini Grind-O-Flex

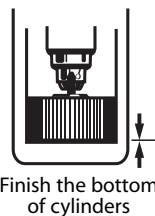
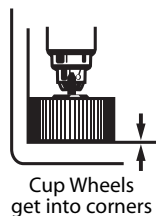
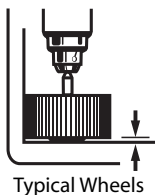


Cup Type Mini Grind-O-Flex

Primarily used for bottom or side-wall type sanding where conventional tools do not reach. Merit's Cup Type Mini Grind-O-Flex will not mar your work-piece while reaching flush corners where other wheels cannot.

CUP TYPE MINI GRIND-O-FLEX

MODEL	DIA. X W. X SK.	GRIT	PART #
MFW-CUP 2515	2-1/2" x 1-1/2" x 1/4"	60	08834144463
Max RPM 20,000			
10/box 100/case			



Micro-Mini Grind-O-Flex Wheels

The Smallest Flap Wheel

Ranging from 3/8" to 1-3/16" diameter, mounted on a 1/8" diameter steel shank. Our Micro-Mini Grind-O-Flex wheels provide fast polishing and light deburring of internal workpieces with holes or grooves as small as 1/2".



MICRO-MINI GRIND-O-FLEX

MODEL	DIA. X W. X SK.	GRIT	PART #
MM-3838	3/8" x 3/8" x 1/8"	60	08834137470
40,000 RPM		80	08834137471
10/box		120	08834137472
100/case		180	08834137473
		240	08834137474
		320	08834137475
MM-5858	5/8" x 5/8" x 1/8"	60	08834137480
37,000 RPM		80	08834137481
10/box		120	08834137482
100/case		180	08834137483
		240	08834137484
		320	08834137485
MM-5834	5/8" x 3/4" x 1/8"	80	08834137541
37,000 RPM		120	08834137542
10/box		180	08834137543
100/case		240	08834137544
			320
MM-3436	3/4" x 3/16" x 1/8"	60	08834137550
35,000 RPM		80	08834137551
10/box		120	08834137552
100/case		180	08834137553
		240	08834137554
		320	08834137555
MM-3438	3/4" x 3/8" x 1/8"	60	08834137560
35,000 RPM		80	08834137561
10/box		120	08834137562
100/case		180	08834137563
		240	08834137564
		320	08834137565

MICRO-MINI GRIND-O-FLEX (CONTINUED)

MODEL	DIA. X W. X SK.	GRIT	PART #
MM-3412	3/4" x 1/2" x 1/8"	60	08834137570
35,000 RPM		80	08834137571
10/box		120	08834137572
100/case		180	08834137573
		240	08834137574
		320	08834137575
MM-3458	3/4" x 5/8" x 1/8"	60	08834137580
35,000 RPM		80	08834137581
10/box		120	08834137582
100/case		180	08834137583
		240	08834137584
		320	08834137585
MM-3434	3/4" x 3/4" x 1/8"	60	08834137590
35,000 RPM		80	08834137591
10/box		120	08834137592
100/case		180	08834137593
		240	08834137594
		320	08834137595
MM-13618	1-3/16" x 1/8" x 1/8"	80	08834137491
30,000 RPM		120	08834137492
10/box		180	08834137493
100/case		240	08834137494
		320	08834137495
MM-13636	1-3/16" x 3/16" x 1/8"	60	08834137508
30,000 RPM		80	08834137501
10/box		120	08834137502
100/case		180	08834137503
		240	08834137504
		320	08834137505
MM-13638	1-3/16" x 3/8" x 1/8"	80	08834137511
30,000 RPM		120	08834137512
10/BOX		180	08834137513
100/case		240	08834137514
		320	08834137515

Micro-Mini Test Kit "MMC"

Includes five wheels, 3/8" to 1-3/16" diameter, mounted on a 1/8" diameter hardened steel shank in various grits. The "MMC" kit is ideal for fast polishing and light deburring of internal work holes or grooves as small as 1/2".

Part # 08834131493



Grind-O-Flex Wheels



Original Grind-O-Flex Wheels

For over half a century, the Merit Grind-O-Flex Flap Wheel has proven itself to be a versatile workhorse in thousands of industries around the world.

Wide Range of Applications:

- For polishing-grinding jobs in production work as well as clean-up and maintenance jobs.
- Works on metals, plastic, rubber and wood.

Easy to Operate:

- No adjustments, dressing or preparation required before or during operation.

Fewer Rejected Parts:

- More forgiving than other types of abrasives.
- Reduces the possibility of flattening, gouging and surface deformation.

Twice The Life versus Competitive Flap Wheels!

Merit Grind-O-Flex flap wheels feature a high performance coated abrasive designed for superior life with an aggressive cut. Heavy cotton backing and premium abrasive grain combine to provide industry leading performance on a wide range of polishing and finishing applications!

GRIND-O-FLEX			
MODEL	DIA. X W. X A.H.	GRIT	PART #
XX-3510 12,000 RPM 10/box 50/case	3-1/2" x 1" x 5/8"	40	08834122001
		50	08834122002
		60	08834122003
		80	08834122004
		120	08834122006
		180	08834122007
XX-3515 12,000 RPM 10/box 80/case	3-1/2" x 1-1/2" x 5/8"	240	08834122008
		320	08834122009
		40	08834122011
		50	08834122012
		60	08834122013
		80	08834122014
XX-3520 12,000 RPM 10/box 80/case	3-1/2" x 2" x 5/8"	120	08834122016
		150	08834122017
		180	08834122018
		240	08834122019
		320	08834122020
		40	08834122022
XX-4010 12,000 RPM 10/box 50/case	4" x 1" x 5/8"	60	08834122024
		80	08834122025
		120	08834122027
		180	08834122028
		40	08834122032
		50	08834122033
XX-4015 12,000 RPM 10/box 40/case	4" x 1-1/2" x 5/8"	60	08834122034
		80	08834122035
		120	08834122037
		180	08834122038
		240	08834122039
		320	08834122040
XX-4020 12,000 RPM 10/box 40/case	4" x 2" x 5/8"	40	08834122042
		50	08834122043
		60	08834122044
		80	08834122045
		120	08834122047
		240	08834122050
XX-4020 12,000 RPM 10/box 40/case	4" x 2" x 5/8"	40	08834122053
		50	08834122054
		60	08834122055
		80	08834122056
		120	08834122058
		180	08834122059
		240	08834122060
		320	08834122061

SEE PAGE 32 FOR BUSHINGS AND ADAPTORS.

Grind-O-Flex Wheels

(continued)

GRIND-O-FLEX (CONTINUED)

MODEL	DIA. X W. X A.H.	GRIT	PART #
XX-5015 12,000 RPM 10/box 50/case	5" x 1-1/2" x 5/8"	40	08834122063
		50	08834122064
		60	08834122065
		80	08834122066
		120	08834122068
		180	08834122070
		240	08834122071
		320	08834122072
XX-0605 6,000 RPM 10/box 80/case	6" x 1/2" x 1"	40	08834123001
		60	08834123003
		80	08834123004
		120	08834123005
		150	08834122198
		180	08834123006
		240	08834123007
		320	08834122137
XX-061 6,000 RPM 5/box 40/case	6" x 1" x 1"	40	08834123009
		50	08834123010
		60	08834123011
		80	08834123012
		120	08834123014
		150	08834123015
		180	08834123016
		240	08834123017
		320	08834123018
XX-0615 6,000 RPM 5/box 20/case	6" x 1-1/2" x 1"	40	08834123020
		50	08834123021
		60	08834123022
		80	08834123023
		120	08834123025
		150	08834123026
		180	08834123027
		240	08834123028
		320	08834123029
XX-062 6,000 RPM 5/box 20/case	6" x 2" x 1"	40	08834123031
		50	08834123032
		60	08834123033
		80	08834123034
		120	08834123036
		180	08834123038
		240	08834123039
		320	08834123040

GRIND-O-FLEX (CONTINUED)

MODEL	DIA. X W. X A.H.	GRIT	PART #
XX-063 6,000 RPM 3/box 12/case	6" x 3" x 1"	40	08834123053
		50	08834123054
		60	08834123055
		80	08834123056
		120	08834123058
		150	08834122544
		180	08834123060
		240	08834123061
		320	08834122329
XX-081 4,500 RPM 3/box 15/case	8" x 1" x 1"	40	08834123070
		50	08834123071
		60	08834123072
		80	08834123073
		120	08834123075
		180	08834123077
		240	08834123078
		320	08834123079
XX-082 4,500 RPM 3/box 12/case	8" x 2" x 1"	40	08834123092
		50	08834123093
		60	08834123094
		80	08834123095
		120	08834123097
		180	08834123099
		240	08834123100
		320	08834123101
XX-101 4,000 RPM 4/box 8/case	10" x 1" x 1-3/4"	40	08834122223
		60	08834124002
		80	08834124003
		120	08834124005
		150	08834124006
		180	08834124007
		240	08834122889
		320	08834124009



GRIND-O-FLEX (CONTINUED)

MODEL	DIA. X W. X A.H.	GRIT	PART #	
XX-1015	10" x 1-1/2" x 1-3/4"	60	08834124022	
4,000 RPM		80	08834124023	
4/box		120	08834124025	
8/case		180	08834124027	
XX-102		10" x 2" x 1-3/4"	60	08834124042
4,000 RPM	80		08834124043	
2/box	120		08834124045	
8/case	180		08834124047	
XX-103	10" x 3" x 1-3/4"		60	08834124077
4,000 RPM		80	08834122316	
2/box		120	08834122131	
8/case		180	08834122132	
XX-121		12" x 1" x 1-3/4"	60	08834124085
3,000 RPM	80		08834122349	
4/box	120		08834122311	
20/case	180		08834122315	
XX-122	12" x 2" x 1-3/4"		40	08834122248
3,000 RPM		50	08834122249	
2/box		60	08834122250	
10/case		80	08834122267	
		120	08834122269	
		150	08834122270	
		180	08834122271	
		240	08834122273	
		320	08834122275	
		XX-124	12" x 4" x 1-3/4"	50
	2,400 RPM	60		08834120014
1/box	80	08834120015		
2/case	120	08834120016		
	180	08834120017		
	240	08834120019		
XX-141	14" x 1" x 1-3/4"	60	08834120020	
2,400 RPM		80	08834120021	
1/box		120	08834120022	
2/case		180	08834120023	
		XX-1415	14" x 1-1/2" x 1-3/4"	60
2,400 RPM	80	08834120025		
1/box	120	08834120026		
2/case	180	08834120027		
	XX-142	14" x 2" x 1-3/4"		60
2,400 RPM	80		08834123215	
1/box	120		08834122907	
2/case	240		08834120032	

SEE PAGE 32 FOR BUSHINGS AND ADAPTORS.

GRIND-O-FLEX (CONTINUED)

MODEL	DIA. X W. X A.H.	GRIT	PART #
XX-143	14" x 3" x 1-3/4"	60	08834120033
2,400 RPM		80	08834120034
1/box		120	08834120035
2/case		240	08834120036
XX-144	14" x 4" x 1-3/4"	60	08834120037
2,000 RPM		80	08834122829
1/box		120	08834122502
2/case		180	08834120040
		240	08834120041
XX-161	16" x 1" x 1-3/4"	60	08834120042
2,400 RPM		80	08834120043
1/box		120	08834120044
2/case		180	08834120045
		240	08834120046
XX-162	16" x 2" x 1-3/4"	60	08834120047
2,400 RPM		80	08834120049
1/box		120	08834120050
2/case		180	08834120051
		240	08834120052
XX-163	16" x 3" x 1-3/4"	60	08834120053
2,400 RPM		80	08834120054
1/box		120	08834120055
2/case		180	08834120056
		240	08834120057
XX-164	16" x 4" x 1-3/4"	60	08834120058
2,000 RPM		80	08834120059
1/box		120	08834120060
2/case		180	08834120061
		240	08834122435
XX-165	16" x 5" x 1-3/4"	60	08834120063
2,000 RPM		80	08834120064
1/box		180	08834120065
2/case		240	08834120066
		XX-166	16" x 6" x 1-3/4"
2,000 RPM	80	08834120068	
1/box	120	08834120069	
2/case	180	08834120070	
	240	08834120071	
XX-168	16" x 8" x 1-3/4"	60	08834120072
1,800 RPM		80	08834120073
1/box		120	08834120074
2/case		180	08834120075
		240	08834120076
XX-1610	16" x 10" x 1-3/4"	60	08834120077
1,800 RPM		80	08834120078
1/box		120	08834120079
2/case		180	08834120080
		240	08834120081



Economy Flap Wheels

Good performance at a great price, Economy Flap Wheels are a good option for general deburring and blending.

ECONOMY FLAP WHEELS

MODEL	DIA. X W. X A.H.	GRIT	PART #
EC-061 6,000 rpm 5/box 40/case	6" x 1" x 1"	40	08834120167
		50	08834120168
		60	08834120169
		80	08834120170
		100	08834120171
		120	08834120172
		180	08834120174
		240	08834120176
EC-062 6,000 rpm 5/box 20/case	6" x 2" x 1"	320	08834120177
		40	08834120189
		50	08834120190
		60	08834120191
		80	08834120192
		100	08834120198
		120	08834120194
		180	08834120197
	240	08834120199	
	320	08834120493	

Type K Sof-Tutch

Type K Sof-Tutch wheels are less aggressive and create finer finishes than our standard Grind-O-Flex wheels.

TYPE K SOF-TUTCH

MODEL	DIA. X W. X A.H.	GRIT	PART #
K-061 6,000 rpm 5/box 20/case	6" x 1" x 1"	60	08834121002
		80	08834121003
		120	08834121005
		150	08834121006
		180	08834121007
		240	08834121008
K-0615 6,000 rpm 5/box 20/case	6" x 1-1/2" x 1"	320	08834121009
		60	08834121023
		80	08834121024
		120	08834121025
		150	08834121106
		180	08834121026
K-062 6,000 rpm 5/box 20/case	6" x 2" x 1"	240	08834121027
		320	08834121109
		60	08834121030
		80	08834121031
		120	08834121032
		180	08834121033
	240	08834121034	
	320	08834121035	

Grind-O-Flex mounted on bench grinder applies light scratch pattern to stainless steel.





Interleaf Wheels

X-weight abrasive cloth flaps are Interleaved with Abrasotex for a softer and more flexible wheel. Used for deburring, producing decorative finishes, removing parting lines, breaking edges, sealer sanding and rust removing.

- Produces a finer finish than regular flap wheels.
- Eliminates chatter at slow speeds.

INTERLEAF MANDREL-MOUNTED (ONE TO ONE RATIO)

MODEL	DIA. X W. X SK.	GRIT	PART #
MMI-2010 12,000 RPM 10/box 100/case	2" x 1" x 1/4"	60	08834138122
		80	08834138123
		120	08834144457
		180	08834144458
		320	08834144459
MMI-2015 12,000 RPM 10/box 100/case	2" x 1-1/2" x 1/4"	60	08834138124
		80	08834138125
		120	08834138126
		180	08834138127
MMI-3010 12,000 RPM 10/box 100/case	3" x 1" x 1/4"	60	08834138129
		80	08834138130
		120	08834138118
		180	08834138120
		320	08834138119
MMI-3020 12,000 RPM 10/box 50/case	3" x 2" x 1/4"	60	08834131338
		80	08834138116
		120	08834144460
		180	08834144461
MMI-4020 12,000 RPM 10/box 50/case	4" x 2" x 1/4"	80	08834121115
		120	08834120458

Interleaf wheel puts mild scratch pattern on small parts without causing chatter.



Tip Optimum performance is obtained by running Interleaf wheels slower than the maximum RPM.

Interleaf Wheels

(continued)



GRIND-O-FLEX

INTERLEAF WHEELS (ONE TO ONE RATIO)

MODEL	DIA. X W. X A.H.	GRIT	PART #
AX-3020 12,000 RPM 10/box 50/case	3" x 2" x 3/8"	50	08834139022
		60	08834139000
		80	08834139002
		120	08834139001
		180	08834139023
		240	08834139028
		320	08834139024
AX-4020 12,000 RPM 10/box 50/case	4" x 2" x 5/8"	50	08834126024
		60	08834126025
		80	08834126026
		120	08834126016
		180	08834126015
		240	08834126014
		320	08834126027
AX-061 6,000 RPM 10/box 20/case	6" x 1" x 1"	50	08834126028
		60	08834126029
		80	08834126000
		120	08834126006
		150	08834126046
		180	08834126068
		240	08834126030
320	08834126031		

INTERLEAF WHEELS (ONE TO ONE RATIO) (CONTINUED)

MODEL	DIA. X W. X A.H.	GRIT	PART #
AX-062 6,000 RPM 10/box 20/case	6" x 2" x 1"	50	08834126032
		60	08834126008
		80	08834126009
		120	08834126010
		150	08834126069
		180	08834126018
		240	08834126017
320	08834126033		
AX-063 6,000 RPM 6/box 12/case	6" x 3" x 1"	50	08834126053
		60	08834126054
		80	08834126055
		120	08834126056
		180	08834126048
		240	08834126047
		320	08834126057
AX-082 4,500 RPM 6/box 12/case	8" x 2" x 1"	60	08834126041
		80	08834126042
		120	08834126043
		180	08834126044
AX-083 4,500 RPM 3/box 9/case	8" x 3" x 1"	50	08834126060
		60	08834126066
		80	08834126061
		120	08834122398
		180	08834126062
		320	08834126064



Abrasotex Flap Wheels

Non-woven flaps are flexible and conformable. They are ideal for cleaning and finishing operations without gouging, especially on intricate parts.

- Blending welds on stainless steel to a #4 finish
- Removal of rust and oxidation
- General clean-up
- Applying decorative finishes



ABRASOTEX FLAP WHEELS ALUMINUM OXIDE

RPM/PKG	SIZE/DENSITY	GRIT	PART #
12,000 RPM 20/case	2" x 1" x 1/4" Shank	Medium	66261189992
		Very Fine	69957399202
12,000 RPM 10/case	3" x 1" x 1/4" Shank	Medium	08834131921
		Very Fine	66261189993
12,000 RPM 10/case	3" x 1-3/4" x 1/4" Shank	Medium	66261026075
		Very Fine	66261189994
3,000 RPM 4/case	6" x 1" x 2" Medium	Medium	05539512667
		Fine	05539562635
2,500 RPM 3/case	8" x 1" x 3" Medium	Fine	05539527460
2,500 RPM 2/case	8" x 2" x 3" Medium	Medium	05539512677
		Fine	05539526627
1,900 RPM 1/case	12" x 2" x 5" Medium	Medium	05539562637
		High Strength	
		Medium	05539528945
1,900 RPM 1/case	12" x 2" x 5" Hard	Medium	



ABRASOTEX FLAP WHEELS SILICON CARBIDE

RPM/PKG	SIZE/DENSITY	GRIT	PART #
3,000 RPM 4/case	6" x 1" x 2" Medium	Fine	05539512660
		Very Fine	05539512658

CENTER HOLE REDUCING BUSHINGS FOR THESE PRODUCTS ARE AVAILABLE ON PAGE 32.

Flap Wheel Adapter and Bushings

ADAPTERS AND BUSHINGS FOR GRIND-O-FLEX

WHEEL DIA.	DESCRIPTION	PART #
SHANK ADAPTERS		
3-1/2"	1/4" SK	08834125001
3-1/2"	3/8" SK	08834125007
4-8"	1/4" SK	08834125003
THREADED MOUNTING ADAPTERS		
4 - 8"	3/8"-24 THD	08834125009
4 - 8"	5/8"-11 THD	08834125027
REDUCER BUSHINGS		
6-8"	1" to 3/8"	08834125016
	1" to 1/2"	08834125017
	1" to 5/8"	08834125018
	1" to 3/4"	08834125019
	1" to 7/8"	08834125020
10"-16"	1-3/4" to 1/2"	08834125029
	1-3/4" to 5/8"	08834122069
	1-3/4" to 3/4"	08834125034
	1-3/4" to 7/8"	08834125033
	1-3/4" to 1"	08834125031
	1-3/4" to 1-1/4"	08834125032
	1-3/4" to 1-1/2"	08834125030



ALUMINUM REDUCING BUSHINGS FOR CONVOLUTE AND FLAP WHEELS

WHEEL DIA.	REDUCES CENTER HOLE TO	PART #
6"	2" to 1/2"	66261080527
	2" to 5/8"	66261080528
	2" to 1"	66261080529
	2" to 1-1/4"	66261080530
8"	3" to 1"	66261080531
	3" to 1-1/4"	66261080532
	3" to 1-1/2"	66261080383
	3" to 1-3/4"	66261080384
	3" to 2"	66261080514
10" & 12"	5" to 1"	66261080533
	5" to 1-1/4"	66261080534
	5" to 3"	66261080535
14"	8" to 1-1/4"	66261080536
	8" to 3"	66261080512
16"	10" to 1-1/4"	6626168520

Reference Charts

MATERIAL-SURFACE FEET PER MINUTE	
MATERIAL	SFPM
Mild Steel	5,000
Stainless Steel	6,500
Alloy Steel	5,000
Titanium	3,500
Hard Aluminum	5,500
Non Ferrous	5,000
Fiberglass	5,500
Rubber	4,500
Hardwood	4,000
Softwood	3,500
Thermoplastic	3,000

RECOMMENDED GRITS	
MATERIAL/APPLICATION	GRIT
STEEL	
Blend out heavy machine marks or burrs	50 or 60
Blend out light machine marks or burrs	120 or 180
Apply heavy scratch pattern	50
Apply light scratch pattern	80 or 120
Remove scale, rust and pit marks	40 or 50
Prepare surface for painting	60 or 80
Turbojet blade polishing	150 or 240
Blending of stainless-No 4	80 or 120
ALUMINUM & OTHER NON-FERROUS	
Blend out heavy machine marks or burrs	60 or 80
Blend out light machine marks or burrs	120 or 180
Apply heavy scratch pattern	60
Apply light scratch pattern	120
Blend surface imperfections	60 or 100
Flash and parting line removal	50 or 60
RUBBER FLASH REMOVAL	
Heavy	50
Light	60
PLASTICS, ACRYLICS	
Remove flash and machine marks	120 J Type K
Fine blending and polishing	240 & 320 J
Fiberglass-blend surface imperfections	50 or 60
WOOD	
Edge breaking	100 or 120 J
Mold sanding	120 J

EFFICIENT/MAXIMUM SPEEDS		
SIZE DIA.	MOST EFFICIENT RPM	MAX RPM*
Micro-Mini Grind-O-Flex		
3/8"	28,000	40,000
5/8"	26,000	37,000
3/4"	25,000	35,000
1-3/16"	21,000	30,000
Mini Grind-O-Flex		
1"	21,000	30,000
1-3/8"	21,000	30,000
1-5/8"	17,000	25,000
2"	17,000	25,000
2-1/2"	14,000	20,000
3"	14,000	20,000
Grind-O-Flex		
3-1/2"	9,000	12,000
4"	8,000	12,000
5"	7,000	12,000
6"	4,500	6,000
8"	3,000	4,500
10"	2,800	4,000
12"	2,300	2,400
14"	1,900	2,000
16"	1,650	1,800
Interleaf Grind-O-Flex		
2" - 4"	9,000	12,000
6"	4,500	6,000
8"	3,400	4,500

*NOTE: MAX RPM VARIES WITH WHEEL WIDTH, ALWAYS FOLLOW MAX. RPM LISTED ON WHEEL.

Tip

For surface feet per minute, use the following calculation:
 $SFPM = .262 \times DIA \text{ (in inches)} \times RPM.$

