

## SHUR-KUT® Coated

### Flap Discs

Overlapping layers of coated abrasives wear down to expose new cutting surfaces, allowing extended use of flap discs and much more control and comfort than rigid grinding wheels. The profile of flap discs, either flat faced (Type 27) or angle faced (Type 29) controls the amount of leverage applied to surfaces. Type 27 flap discs are better for finesse and extended use, whereas Type 29 discs are much more aggressive. Standard density discs provide less flap compression, best suited for stock removal and rough shaping. High density discs utilize more flaps, prolonging life, and are less compressed, allowing limited conformability to the workpiece.

### Applications

- ▶ Weld and heavy stock removal
- ▶ Rough shaping
- ▶ Edge grinding or beveling
- ▶ Weld blending and surface leveling





## BLAC-KUT ZIRCONIA HIGH DENSITY FLAP DISCS



A cost efficient option to high density discs, Blac-Kut Flap Discs are manufactured with larger flaps, providing effective material removal with an extended product life. Available in Type 29, for beveling and removal, or Type 27 for flat grinding and blending.

- ▶ Larger flaps for greater surface contact
- ▶ Extra-long product life
- ▶ Aggressive stock removal on hard metals
- ▶ Sharp cut reduces heat, friction and loading
- ▶ High pressure applications

### Superior Support



Shape	Diameter	Arbor	Max RPM	Std. Pkg.	40	60	80
Type 29	4-1/2"	7/8"	13,300	10	<b>58848</b>	<b>58849</b>	<b>58850</b>
Type 27	4-1/2"	7/8"	13,300	10	<b>59820</b>	<b>55888</b>	<b>59815</b>

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



## CERAMIC GRINDING AID FLAP DISCS



Self-sharpening grains continually produce fresh cutting points, reducing friction and prolonging cut rates. Additional grinding aid further reduces heat, extending disc life. Durable polyester backing retains grain orientation and contact pressure against stainless and exotic alloys.

- ▶ Additional heat dissipation for high temperature grinding
- ▶ Sharp grains cut through hard alloys
- ▶ Extended life and grain retention

Shape	Diameter	Arbor	Max RPM	Std. Pkg.	40	60	80
Type 29	4-1/2"	7/8"	13,300	10	<b>48300</b>	<b>48301</b>	<b>48302</b>
	4-1/2"	5/8"-11	13,300	10	<b>48304</b>	<b>48305</b>	<b>48306</b>
Type 27	4-1/2"	7/8"	13,300	10	48316	48317	48318
	4-1/2"	5/8"-11	13,300	10	48320	48321	48322

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



**Z<sub>A</sub> ZIRCONIA HIGH DENSITY FLAP DISCS**

Increased flap count provides moderate compression for better blending and finesse. Greater cutting area promotes extended life and consistent performance throughout use.

- ▶ Longer life for repeatable application
- ▶ Aggressive weld and stock removal
- ▶ Quickly blend flat and contoured seams
- ▶ Leveling or blending imperfections

**▶ Superior Support**

Flap compression allows conformability around contoured parts, increasing the versatility of flap discs.



Shape	Diameter	Arbor	Max RPM	Std. Pkg.	40	60	80
Type 29	4-1/2"	7/8"	13,300	10	28848	28849	28850
Type 27	4-1/2"	7/8"	13,300	10	39820	35888	39815

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

**Z<sub>A</sub> ZIRCONIA FLAP DISCS**

Dense grains continually generate new cutting edges, ideal for long lasting stock removal. Sharp grains reduce heat and friction in high pressure applications.

- ▶ Aggressive stock removal on hard metals and alloys
- ▶ Sharp cut reduces heat, friction and heavy loading
- ▶ High pressure applications



Shape	Diameter	Arbor	Max RPM	Std. Pkg.	40	60	80
Type 29	4-1/2"	7/8"	13,300	10	44028	44029	44030
Type 27	4-1/2"	7/8"	13,300	10	34982	11823	11824
	4-1/2"	5/8"-11	13,300	10	40572	34324	34325

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



## A<sub>o</sub> ALUMINUM OXIDE HIGH DENSITY FLAP DISCS

Added layers of dense grains well suited for general purpose grinding and stock removal. Durable use on ferrous, non-ferrous, stainless steels, alloys and non-metallics. Ideal for mild steels and aluminum.

- ▶ General stock removal and shaping on most metals
- ▶ Increased flap count extends life
- ▶ Blending and beveling



Shape	Diameter	Arbor	Max RPM	Std. Pkg.	40	60	80
Type 29	4-1/2"	7/8"	13,300	10	<b>21950</b>	<b>21951</b>	<b>21952</b>

☒ Ferrous
 ☒ Non-Ferrous
 ☐ Stainless
 ☐ Exotic Alloys
 ☐ Plastics
 ☒ Composites

**Z<sub>A</sub> ZIRCONIA QUICK CHANGE MINI FLAP DISCS**

Small footprint for aggressive grinding and stock removal in smaller areas. Overlapping flaps wear away to fresh cutting surfaces, prolonging disc life and use. Quick change functionality alleviates production downtime.

- ▶ Aggressive removal in small areas
- ▶ Quick changeover between discs
- ▶ Sharp cuts reduce heat and loading
- ▶ High pressure applications



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	36	40	60	80	120
Type R	2"	25,000	13,000	10	37895	37896	37897	37898	37899
	3"	20,000	9,000	10	37905	37906	37907	37908	37909

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

**Z<sub>A</sub> ZIRCONIA QUICK CHANGE MINI FLEX DISCS**

Less compressed flaps flex and conform to contours and inside corners and are easily finessed. Sharp zirconia grains reduce heat and friction in demanding applications.

- ▶ Durable, long-life zirconia grains
- ▶ Extended flaps reach small areas
- ▶ Conformable control for critical parts
- ▶ Quick change functionality for die grinders

**▶ Superior Support**

Take advantage of flex discs to reach tight areas.



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	36	40	60	80	120
Type R	2"	25,000	13,000	10	37865	37866	37867	37868	37869
	3"	20,000	9,000	10	39271	39272	39273	39274	39275

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

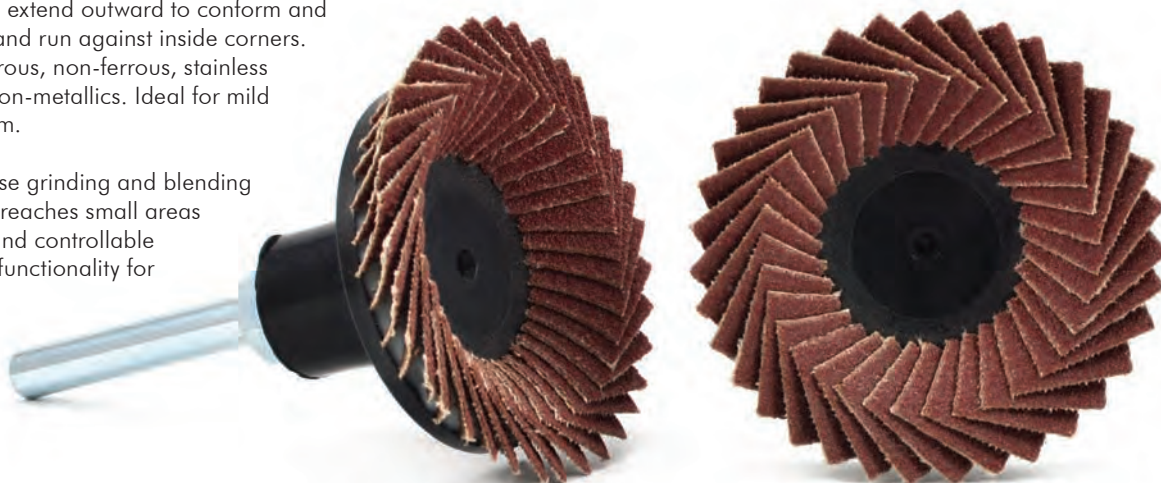


## Ao ALUMINUM OXIDE QUICK CHANGE MINI FLEX DISCS



Compressible flaps extend outward to conform and reach small areas and run against inside corners. Durable use on ferrous, non-ferrous, stainless steels, alloys and non-metallics. Ideal for mild steels and aluminum.

- ▶ General purpose grinding and blending
- ▶ Flap overhang reaches small areas
- ▶ Conformable and controllable
- ▶ Quick change functionality for die grinders



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	36	40	60	80	120
Type R	2"	25,000	13,000	10	37860	<b>37861</b>	37862	<b>37863</b>	37864
	3"	20,000	9,000	10	39266	39267	39268	39269	39270

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

## QUICK CHANGE DISC HOLDERS



Type	Diameter	Shank	Max RPM	Std. Pkg.	Part #
Type R	2"	1/4"	25,000	1	<b>11275</b>
	3"	1/4"	20,000	1	<b>11276</b>

