

NEW!

Merit Blaze Abrasive Specialties

The Next-Generation Ceramic Specialty Products for Metalworking Applications

Cartridge Rolls, Spiral Rolls, Square Pads, Cross Pads and Overlap Slotted Discs

With their next-generation ceramic grain, grinding aid and X-weight cotton backing, these products outperform all competitive ceramic, zirconia and aluminum oxide specialty products in today's markets. Merit Blaze specialties cut cooler and last longer on stainless steel, cobalt, inconel, titanium and other hard-to-grind materials.



*New Merit Blaze specialties last **50% to 300% longer** than any product currently available.*

*Maximum performance = **lowest overall grinding cost** on your most difficult-to-grind materials*

Features

- Next-generation ceramic grain
- Advanced grinding aid
- Improved resin bond system

Benefits

- Significantly faster cut rates
- Resists wear, resulting in significantly longer life
- Greatest productivity
- Cooler cutting, longer life
- Improved grain retention and longer life

SEE OTHER SIDE FOR AVAILABILITY

MERIT
BLAZE

Case Histories

Grinding and Blending on Titanium Cartridge Rolls

- Lasted 60% longer than competitive aluminum oxide
- Removed mismatch 10% faster
- Operators felt Merit Blaze was more aggressive and blended mismatch easier

ID Finishing of Hardened Steel Cylinder Overlap Slotted Discs

- Required only three overlap slotted discs versus current operation with 21 discs
- Significantly increased up-time in grinding operation

Blending and Finishing of Aerospace Components

Cartridge Rolls and Spiral Rolls

- Operators achieved twice the life of existing aluminum oxide products
- Operators noticed significantly faster cut than existing products



CARTRIDGE ROLLS

DIA. X L. X A.H.	GRIT	PART #
1/4" x 1-1/2" x 1/8"	60	66261194384
100/box, 1000/case	80	66261194394
	120	66261194397
3/8" x 1-1/2" x 1/8"	60	66261194392
100/box, 1000/case	80	66261194395
	120	66261194398
1/2" x 1-1/2" x 1/8"	60	66261194393
100/box, 1000/case	80	66261194396
	120	66261194399

SQUARE PADS

L. X W. X THICK	GRIT	PART #
2" x 2" x 1/2"	60	66261194520
with 1/4-20 quick-change eyelet	80	66261194552
100/box, 400/case	120	66261194554
3" x 3" x 1/4"	60	66261194531
with 1/4-20 quick-change eyelet	80	66261194555
100/box, 400/case	120	66261194556
3" x 3" x 1/2"	60	66261194528
with 1/4-20 quick-change eyelet	80	66261194557
100/box, 400/case	120	66261194558

SPIRAL ROLLS - FULL TAPER

DIA. X L. X A.H.	GRIT	PART #
3/8" x 1-1/2" x 1/8"	60	66261194481
100/box, 1000/case	80	66261194490
	120	66261194491
1/2" x 1-1/2" x 1/8"	60	66261194484
100/box, 1000/case	80	66261194492
	120	66261194495

OVERLAP SLOTTED DISCS

DIA. X QTY/SET	GRIT	PART #
1-1/2"	60	66261195051
2 per set, with 8-32 quick-change eyelet	80	66261195368
100/box, 1000/case	120	66261195367
2"	60	66261195054
2 per set, with 8-32 quick-change eyelet	80	66261195055
100/box, 1000/case	120	66261195056
3"	60	66261195057
2 per set, with 8-32 quick-change eyelet	80	66261195058
100/box, 400/case	120	66261195059

CROSS PADS

L. X W. X THICK-PLY	GRIT	PART #
1-1/2" x 1-1/2" x 1/2"	60	66261194496
with 8-32 quick-change eyelet, 8-ply	80	66261194508
100/box, 1000/case	120	66261194511
2" x 2" x 3/4"	60	66261194502
with 8-32 quick-change eyelet, 8-ply	80	66261194513
100/box, 400/case	120	66261194516
3" x 3" x 1"	60	66261194504
with 1/4-20 quick-change eyelet, 8-ply	80	66261194549
100/box, 400/case	120	66261194551

BOLDED PART NUMBERS ARE STOCKED IN OUR DISTRIBUTION CENTERS; NON-BOLDED PART NUMBERS ARE MADE-TO-ORDER.

ADDITIONAL SIZES AVAILABLE UPON REQUEST. CONTACT YOUR CUSTOMER SERVICE REPRESENTATIVE FOR ADDITIONAL INFORMATION.



To put Merit abrasives to work for you, call your local Merit distributor or visit our website at www.meritabrasives.com to view our online catalog and learn about our latest products and applications. Need the name and number of a distributor? Contact the Customer Service numbers below.



www.meritabrasives.com

U.S. CUSTOMER SERVICE:
Saint-Gobain Abrasives, Inc.
2770 West Washington Street
Stephenville, TX 76401
Telephone: 800-551-4413
Fax: 800-551-4416

CANADA CUSTOMER SERVICE:
Saint-Gobain Abrasives Canada Inc.
PO Box 3008, 3 Beach Road
Hamilton, ON L8L 7Y5
Telephone: (905) 547-2551
Fax: (905) 547-8157

© Saint-Gobain Abrasives, Inc. May 2008
The Merit logo is a registered trademark and Blaze is a trademark of Saint-Gobain Abrasives, Inc.

FORM #M112