

# 3D MAX



**NEW: CERAMIC SHAPED GRAIN  
FOR MAXIMUM PERFORMANCE**

# TIGER 3D MAX

Tiger® 3D MAX ceramic abrasives are engineered for maximum cut rate, durability, and control on the toughest metals. Powered by advanced 3D precision-shaped grain, they deliver faster material removal, cooler grinding, and longer disc life to increase throughput and reduce changeovers.

Whether grinding, blending, or heavy stock removal, 3D MAX helps operators work faster, reduce fatigue, and achieve consistent results.



- 3D precision-shaped grain provides **maximum cut rate** and material removal
- Grain stands upright to **slice through metal effortlessly**
- Optimized grain retention keeps the disc grinding longer and **reduces changeovers**
- Top coat **grinds cooler and protects parts** from heat damage and discoloration
- Contaminant-free formula **provides peace of mind**
- Micro-fracturing technology and 3D shape **make the work easier**

## FLAP DISCS

3D MAX flap discs combine exceptional material removal with flexibility and control, enabling operators to grind faster while maintaining finish quality across a wide range of applications.



### TIGER 3D MAX CERAMIC / TOP COAT

Superior Cut & Life / Ceramic Alumina / Phenolic Back / Contaminant-free\*

				TYPE 29 7/8" Arbor	TYPE 29 5/8"-11 Hub
STEEL / METAL	STAINLESS	HARD-TO-GRIND	ALUMINUM		
Diameter	Grit	Max. RPM	Std. Pack	Item #	Item #
4-1/2"	40+	13,000	10	50160	50164
	60+			50162	50165
	80+			50163	50166
7"	40+	8,600	10	50183 •	50186 •
	60+			50184 •	50187 •
	80+			50185 •	50188 •

\*Contaminant-free (Contains less than 0.1% Fe, S, Cl)

• Non-stock product, contact Customer Service for lead times and minimum order quantities.

## MORE FOR YOUR MONEY

3D MAX precision-shaped grain grinds up to 30% faster than standard ceramic—removing more metal in less time. When labor is the biggest cost in your operation, faster grinding doesn't just boost productivity — it lowers total cost and gives welders more time to focus on what they do best.



3D MAX Precision-Shaped Grain



Standard Ceramic Grain

**30%**  
**FASTER**

*Test results are based on manual grinding of carbon steel, comparing the material removal rate of 3D MAX discs to standard ceramic discs.*

# RESIN FIBER DISCS

Built for aggressive stock removal, 3D MAX resin fiber discs deliver maximum cut rate, long life, and cool grinding performance for the most demanding metal applications.



**TOP COAT**  
grinds cooler and protects parts  
from heat damage and discoloration

## TIGER 3D MAX CERAMIC / TOP COAT

Superior Cut & Life / Ceramic Alumina / Contaminant-free\*

STAINLESS		HARD-TO-GRIND		7/8" Arbor	5/8"-11 Hub
Diameter	Grit	Std. Pack	Item #	Item #	Item #
4-1/2"	36+	25	68703	68735	
	60+		68704	-	
	80+		68705	-	
5"	36+	25	68709	68741	
	60+		68710	-	
	80+		68726	68754	-
7"	36+	25	68727	-	
	60+				
	80+				



68703

## TIGER 3D MAX CERAMIC / UNCOATED

Superior Cut & Life / Ceramic Alumina / Contaminant-free\*

STEEL / METAL				7/8" Arbor	5/8"-11 Hub
Diameter	Grit	Std. Pack	Item #	Item #	Item #
4-1/2"	36+	25	68700	68730	
	60+		68701	68731	
	80+		68702	-	
5"	36+	25	68706	68738	
	60+		68707	68739	
	80+		68708	-	
7"	36+	25	68723	68750	
	60+		68724	-	
	80+		68725	-	



68700

# BLENDING DISCS

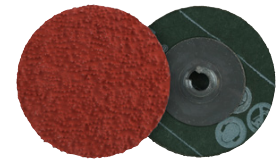
Designed for fast weld blending and surface refinement, 3D MAX blending discs provide high cut rates with controlled finishing for consistent results.



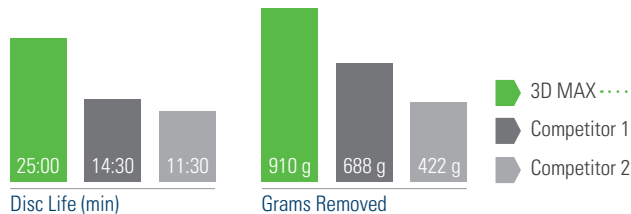
## TIGER 3D MAX CERAMIC / TOP COAT

Superior Cut & Life / Ceramic Alumina  
Resin Fiber Backing / Contaminant-free\*

STEEL / METAL		STAINLESS		HARD-TO-GRIND		ALUMINUM		Type R	Type S
Diameter	Grit	Std. Pack	Item #	Item #	Item #	Item #	Item #	Item #	Item #
2"	36+	50	60855	60850					
	60+		60875	-					
3"	36+	25	60955	60870					
	60+		60975	-					



60850



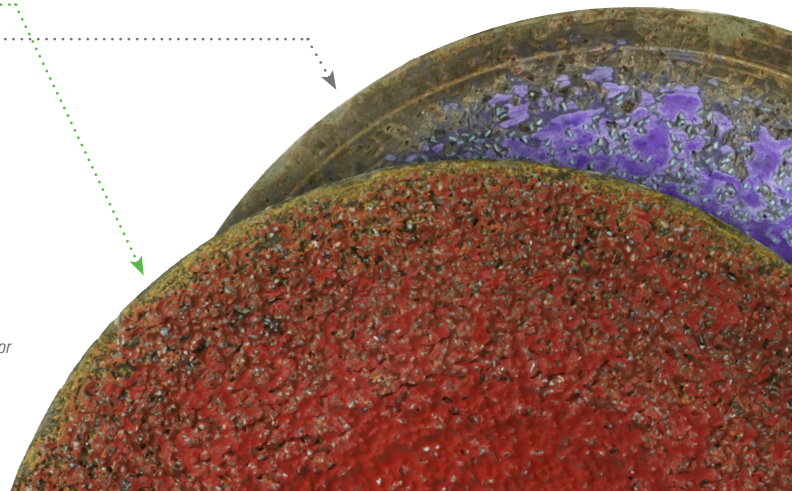
## LASTS LONGER, GRINDS MORE

Shaped ceramic grain costs more. If the disc sheds that grain too soon, you're throwing money away. 3D MAX holds onto high-value grain through the full life of the disc—so you get what you paid for.

*Test results based on manual grinding of carbon steel. Weiler Tiger 3D MAX resin fiber disc removed 32% more material by weight over the life of the disc compared to the closest competitor ceramic shaped grain disc.*

Do not exceed maximum RPM of back-up pad.

\*Contaminant-free (Contains less than 0.1% Fe, S, Cl)



# ACCESSORIES

## FLAP DISC ADAPTING NUTS & SPANNER WRENCH

For use with standard, HD and specialty flap discs.



Description	Thread Size	For Use With	Std. Pack	Item #
Adapting Nuts	5/8" -11	4-1/2", 5" & 7" flap discs with 7/8" arbor hole	1 Pair	56494
Spanner Wrench	-	Item No. 56494 only	1	56495



59611

## RESIN FIBER DISC ACCESSORIES

Description	Thread Size	Max. RPM	Std. Pack	Item #
4-1/2" Back-up Pad	5/8"-11*	11,000	1	59611
5" Back-up Pad	5/8"-11*	10,000	1	59600
7" Back-up Pad	5/8"-11	8,500	1	59601
Spanner Wrench	-	-	1	59603
Disc Nut	5/8"-11	-	1	59604

\* Other thread sizes available on special orders.



51552

## BLENDING DISC BACK-UP PADS - 1/4" Stem



Type R\*



Type S+

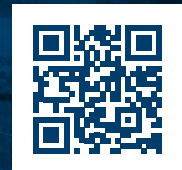
Diameter	Max. RPM	Std. Pack	Item #	Item #
2"	25,000	1	51551	60508
3"	20,000	1	51552	60509

\* Compatible with 3M Roloc™ back-up pads. (Roloc™ is a trademark of 3M.)

+ Compatible with Norton Speed-Lok® TS back-up pads. (Speed-Lok® TS is a registered trademark of Norton Co.)

# BEYOND SHARP

Our new 3D MAX is designed to make the sharpest cut you've ever seen. But it doesn't just come with a list of features; it comes with loyalty and a commitment to service. Because real results come from a team of experts, devoted to success. Scan the QR code to learn how.



Scan or Click

800.835.9999 / weilerabrasives.com

