

**NORTON**

SAINT-GOBAIN

## TOROS AND FOUNDRYX MEDIUM DIAMETER CUT-OFF WHEELS

### MAXIMIZE CUTTING PERFORMANCE

Norton Toros and FoundryX medium diameter cut-off (MDCO) wheels offer superior quality and fast cut rate resulting in more parts per wheel. With the advanced bond technologies available these wheels offer durability, maximized performance and better G-ratio compared to competitive wheels. Our state-of-the-art automated presses can handle fast turnaround times and large order quantities providing cost effective MDCO products.

### FEATURES & BENEFITS

- Superior quality and consistency throughout the wheel
- Fast cut rate for more parts per wheel
- Advanced bond technologies offer maximum performance and longer wheel life
- Durable design can withstand demanding applications
- Automated manufacturing process shortens leads time and handles large order quantities



Watch our cut-off safety video and see how to safely cut metal with our conventional cut-off wheels:  
[https://youtu.be/FQo2\\_lyNeoA](https://youtu.be/FQo2_lyNeoA)

[www.nortonabrasives.com](http://www.nortonabrasives.com)



## MEDIUM DIAMETER CUT-OFF WHEELS

- Abrasives:** Aluminum Oxide, Silicon Carbide, blends of Aluminum Oxide and Silicon Carbide and blends of premium grain like Zirconia or Ceramic
- Grit Sizes:** 46 Grit and Coarser
- Reinforcement:** Reinforced and Non-reinforced
- Bonds:** Toros (BC20) & FoundryX (B75 & B97)
- Minimum order quantity:** 60 pieces\*

\* We have the capability of making a minimum of 60 wheels in an order, and as many as hundreds of a wheel

### Product Availability For Reinforced Wheels

OD	ID	CONSTRUCTION	Thickness	
			MIN	MAX
12"	1", 1-1/4"	B	0.125"	0.164"
		N	0.12"	0.19"
14"	1", 1-1/4"	B	0.125"	0.164"
		N	0.12"	0.2"
16"	1", 1-1/4"	B	0.15"	0.2"
		N	0.15"	0.275"
20"	1", 1-1/4"	B	0.15"	0.25"
		N	0.15"	0.275"



### Toros Cut-Off Wheel 1

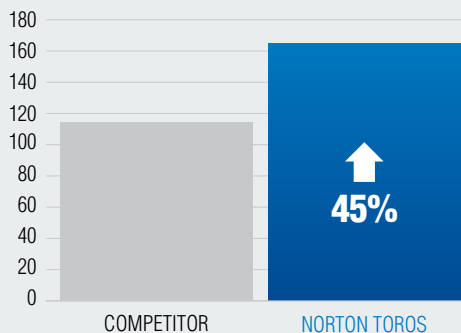
**APPLICATION:** 20" Everett chop saw

**MATERIAL:** 1-5/8" Inconel

**CONDITIONS:** Dry, Manual

**RESULTS:** Norton Toros BC20 cut-off wheel showed 45% increase in parts per wheel compared to the competitive wheel

**PARTS PER WHEEL**



### Toros Cut-Off Wheel 2

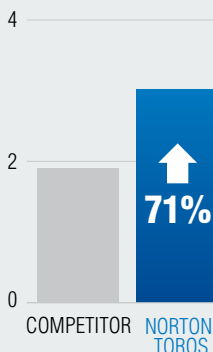
**APPLICATION:** Cut-off on an automatic machine

**MATERIAL:** Airplane blades

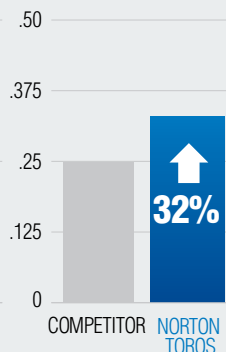
**CONDITIONS:** Dry

**RESULTS:** Norton Toros showed a 71% increase in G-ratio and 32% increase in material removal rate over the incumbent wheel.

**G-RATIO**



**MRR**



### FoundryX Cut-Off Wheel

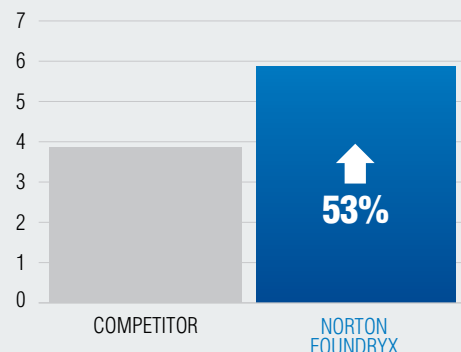
**APPLICATION:** 20" Chop-Stroke

**MATERIAL:** Nickel and stainless steel

**CONDITIONS:** Room temperature, dry

**RESULTS:** Norton FoundryX was able to show a G-ratio improvement of 53% over the competitive wheel.

**G-RATIO**



[www.facebook.com/NortonAbrasivesNA](https://www.facebook.com/NortonAbrasivesNA) | [www.youtube.com/NortonAbrasives](https://www.youtube.com/NortonAbrasives) | [www.nortonabrasives.com](http://www.nortonabrasives.com)

**USA CUSTOMER SERVICE:**

Toll Free Phone: 1 (800) 551-4413  
Toll Free Fax: 1 (800) 551-4416

**CANADA CUSTOMER SERVICE:**

Toll Free Phone: 1 (800) 263-6565  
Toll Free Fax: 1 (800) 561-9490

**FORM #8933** REV. 10/21

© Saint-Gobain October 2021.

Norton, Norton Quantum, Toros, and "Reshaping Your World" are trademarks of Saint-Gobain Abrasives. All other trademarks are the property of their respective owners.

