



# A LITTLE BARK WITH A LOT OF BITE

## Work Smarter Without Working Harder

We've set the bar a little higher on performance in grinding and now in cutting too.



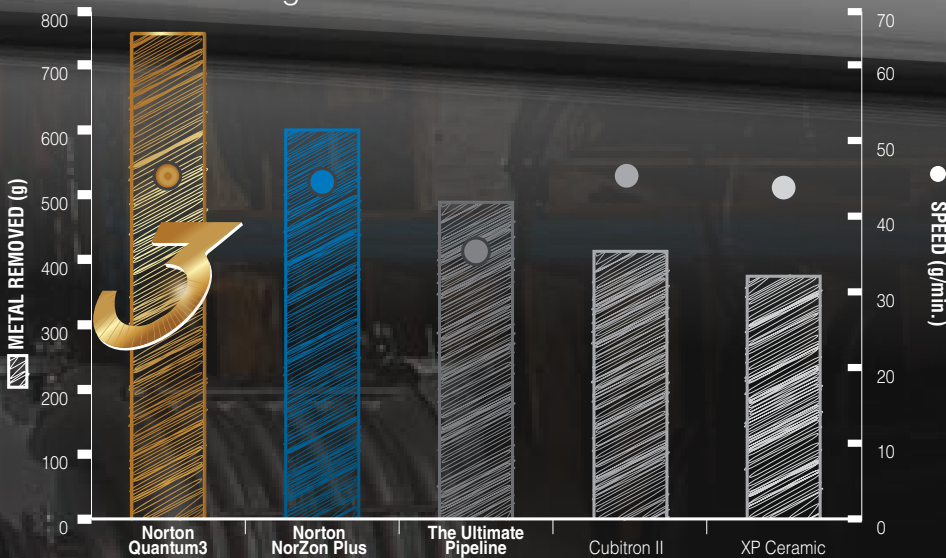
# THE ART OF PERFORMANCE

The quality of your work is a reflection of you.  
And, Norton wants to help you be best of class.

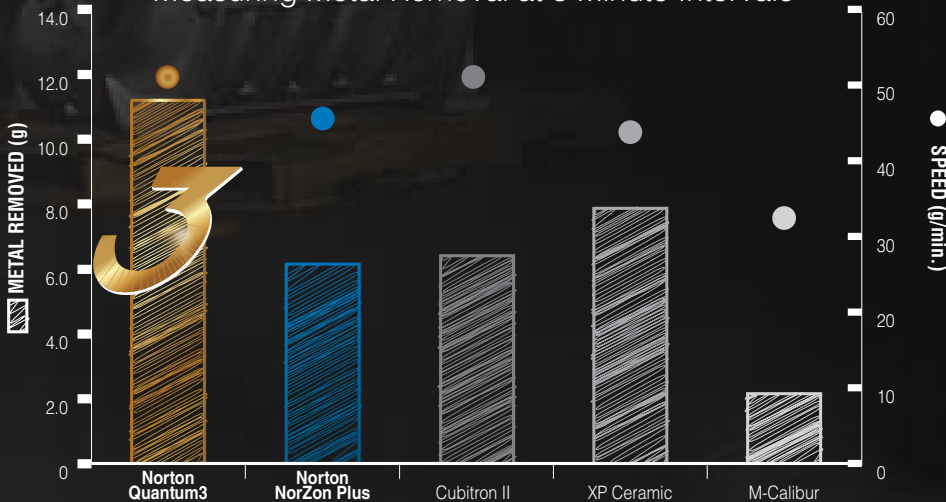
*"Norton Quantum3 wheels will have less down time and fewer wheel changes from its unique new resin system. The wheels use a patented grain by Saint-Gobain Abrasives that removes material faster and grinds smoother than other products. The new shaped ceramic grain is elongated which allows it to stay sharper than other shaped grains, and it micro-fractures more uniformly to improve material removal rate that enhances the life of the product. With the combination of this new ceramic grain and resin Norton Quantum3 cuts faster, lasts longer and has less vibration to reduce operator fatigue. I urge you to call you local representative for a trial."*

**Michael Radaelli**, Director of Product Management  
Thin Wheels and Construction, Saint-Gobain Abrasives

**4-1/2" x 1/8" x 7/8" NQ3 Combo Wheel - Carbon Steel**  
Measuring Metal Removal at 5 Minute Intervals



**4-1/2" x 1/4" x 7/8" NQ3 Grinding Wheel - Carbon Steel**  
Measuring Metal Removal at 5 Minute Intervals



# POWERED BY NORTON INSPIRED BY YOU

Now you can work smarter without working harder.

The perfect formulation from customer feedback, our relentless commitment to end-user comfort and a brilliant infusion of technology brings this distinctive product line to the forefront. This elevated design delivers remarkable power and refined control, start to finish, so operators have smooth cutting performance to remove metal much faster while using fewer wheels for the job. The impressive cutting action doesn't compromise on comfort as it effortlessly bites into metal.

## NQ3 STILL HAS PEOPLE TALKING

“Tell your guys to start making more of it.”

“Bites better into the metal.”

“Can I keep this one?”

## NQ3 COMBO HAS JOINED THE CONVERSATION

“It definitely wants to do the work for you.”

“It cuts faster and grinds smoother, smoother finish too.”

“That is impressive. it cuts good and smooth.”



# THE SCIENCE OF DESIGN

Your pet peeves are our greatest R&D inspirations.

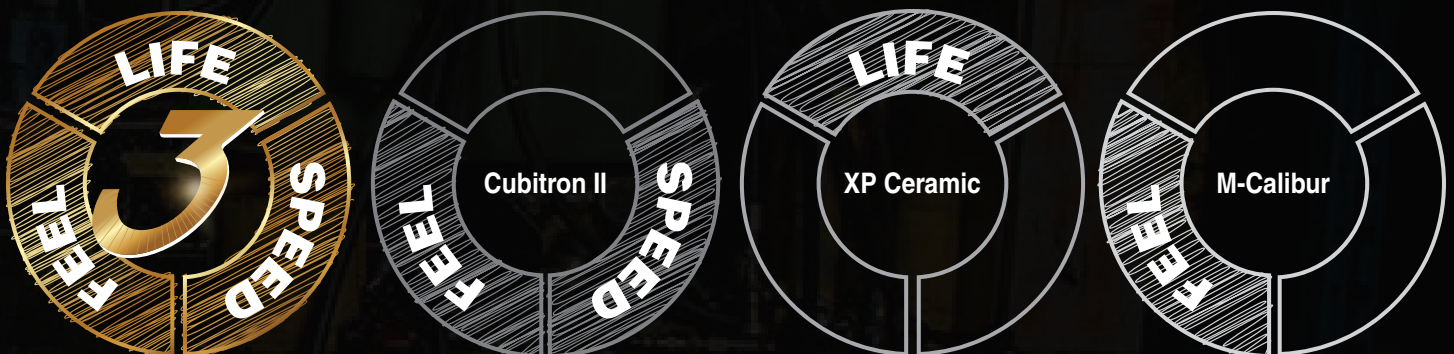
*"Norton Quantum3 grinding wheels use a proprietary grain along with a tougher bond system. The bond contains a unique combination of fillers and bonding agents that allow for much better mix quality in manufacturing. The better mix keeps the individual ceramic grains from clumping to one another for more even wear of the bond and abrasive structure. It's that homogeneous distribution of grain within the wheel and better adhesion of the grain to bond that provides a faster grind for more metal removal, with less pressure, to significantly increase production. It's contaminate-free for rust-free results."*

**Michael Klett**, Senior Research Associate Northboro R&D Center  
Saint-Gobain Abrasives

*"The design of Norton Quantum 3 1/8" combination wheels synthesizes the scientific fundamentals from the development of the Quantum3 grinding wheels and RightCut cut-off wheels together to produce a wheel that can excel in many modes of grinding. The formulation of this combination wheel utilizes a proprietary and exclusive sharp ceramic grain and a tough high density bond with a high concentration of premium fillers. These grains combined with the activity of these premium fillers work together to remove metal quickly and smoothly which gives the user more control and comfort. The tough high density bond is optimized to enhance grain adhesion so the wheel lasts longer and removes more metal when challenged on either the periphery or face."*

**Alicia Castagna**, Senior Research Engineer Northboro R&D Center  
Saint-Gobain Abrasives

## Grinding and Cutting Performance Comparison



# FULL TILT ALL-WHEEL GRIND


An industry benchmark for 130 years. We've just raised the bar.

When it comes to grinding, you and your operators want the best product that will complete the work as fast as possible with highest quality results. You want to do it at the lowest total cost and operators want to do it with more product effort and less sweat effort. Norton Quantum3 gives you the best of both worlds.

Invented and born in America, now improved and infused with unprecedented performance.




## NQ3 COMBO WHEEL

NEW

| SIZE (D x T x H)                                | STD. PKG  | PART #      |
|---|---|-------------|
| <b>All Purpose – Grinding/Cutting – Type 27</b> |  |             |
| 4-1/2" x 1/8" x 5/8"-11                         | 10  | 66252839423 |
| 4-1/2" x 1/8" x 7/8"                            | 25  | 66252839424 |
| 5" x 1/8" x 5/8"-11                             | 10  | 66252839425 |
| 5" x 1/8" x 7/8"                                | 25  | 66252839426 |
| 6" x 1/8" x 5/8"-11                             | 10  | 66252839427 |
| 6" x 1/8" x 7/8"                                | 20  | 66252839428 |
| 7" x 1/8" x 5/8"-11                             | 10  | 66252839429 |
| 7" x 1/8" x 7/8"                                | 20  | 66252839430 |
| 9" x 1/8" x 5/8"-11                             | 10  | 66252839431 |
| 9" x 1/8" x 7/8"                                | 20  | 66252839432 |

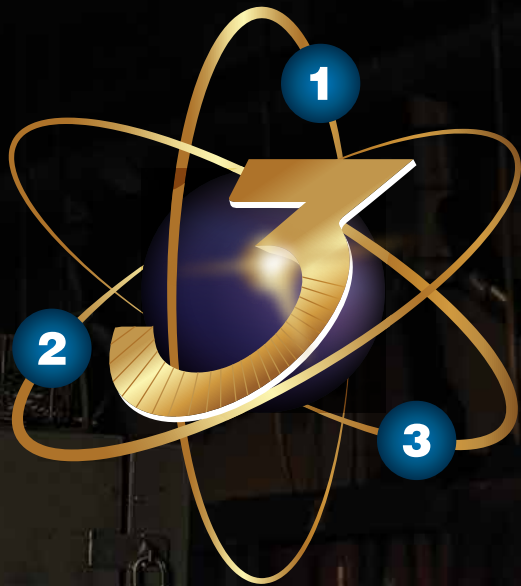


## NQ3 GRINDING WHEEL

| SIZE (D x T x H)                        | STD. PKG  | PART #      |
|---|---|-------------|
| <b>All Purpose – Grinding – Type 27</b> |  |             |
| 4" x 1/4" x 3/8"                        | 25  | 66253371180 |
| 4" x 1/4" x 5/8"                        | 25  | 66253371181 |
| 4-1/2" x 1/4" x 5/8"-11                 | 10  | 66253370793 |
| 4-1/2" x 1/4" x 7/8"                    | 25  | 66253370794 |
| 5" x 1/4" x 5/8"-11                     | 10  | 66253370795 |
| 5" x 1/4" x 7/8"                        | 25  | 66253370796 |
| 6" x 1/4" x 5/8"-11                     | 10  | 66253370797 |
| 6" x 1/4" x 7/8"                        | 20  | 66253370798 |
| 7" x 1/4" x 5/8"-11                     | 10  | 66253370799 |
| 7" x 1/4" x 7/8"                        | 20  | 66253370800 |
| 9" x 1/4" x 5/8"-11                     | 10  | 66253370801 |
| 9" x 1/4" x 7/8"                        | 20  | 66253370802 |
| <b>All Purpose – Grinding – Type 28</b> |  |             |
| 7" x 1/4" x 5/8"-11                     | 10  | 66253370803 |
| 9" x 1/4" x 5/8"-11                     | 10  | 66253370804 |
| 9" x 1/4" x 7/8"                        | 20  | 66253370805 |
| <b>Foundry – Grinding – Type 27</b>     |  |             |
| 9" x 1/4" x 7/8"                        | 20  | 66253370848 |
| 9" x 1/4" x 5/8"-11                     | 10  | 66253370849 |



# WHAT'S IN IT FOR YOU?



1

**Operator Comfort...**  
with reduced hand fatigue  
from less cutting vibration

2

**Less Grinding Time...**  
with a sharper wheel for highest  
metal removal and reduced  
pressure from faster cutting action

3

**Less Downtime & Waste...**  
with longer wheel life  
using fewer wheels

## BECAUSE RIGHT CHOICES MATTER!

Visit us online at:  
<http://nortonsga.us/nq3>  
to request your free product sample.  
You won't be disappointed.

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**USA CUSTOMER SERVICE:**

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Toll Free Fax: 1 (800) 551-4416

**CANADA CUSTOMER SERVICE:**

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Toll Free Fax: 1 (800) 561-9490

PRIMARY  
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**NO-RISK TEST**

  
**SAINT-GOBAIN**

**FORM #8619** REV. 11/17

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