NORTON®
SAINT-GOBAIN

QUANTUM 3™

NORTON QUANTUM3 GRINDING WHEELS

HAVE PEOPLE TALKING...

"BITES INTO METAL"

"CUTS **WAY** FASTER"

"**CAN I KEEP** THIS WHEEL?"

"TELL YOUR GUYS
TO START MAKING
MORE OF IT"

HOW WILL IT BENEFIT 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

MADE TO BITE

MADE TO BITE

INSPIRED BY YOU

The perfect formulation of market feedback, our relentless commitment to end-user comfort and a new infusion of technology brings this distinctive range of grinding wheels to the forefront. The impressive cutting action doesn't compromise on comfort as it effortlessly bites into metal. Norton Quantum3's design delivers remarkable power and refined control from start to finish. So you have smooth cutting performance to remove metal much faster while using fewer wheels for the job.

AN INDUSTRY BENCHMARK FOR 130 YEARS

WE'VE JUST RAISED THE BAR

When it comes to grinding, you and your operators want the same thing – to 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 power and less personal effort. Norton Quantum3 gives you the best of both worlds.

Years of innovation, now improved with unprecedented grinding performance.

WORK SMARTER NOT HARDER

The quality of your work is a reflection of you. Norton is committed to helping you achieve the best.

"Norton Quantum3 is tough enough to last and smooth enough to allow easier grinding. Wheels that use a precision-shaped ceramic grain tend to have a different feel than the Norton Quantum3 grain that tends to be more rounded rather than pointed which allows a more robust, sharper cutting action for greater operator control. These wheels don't grab or dig when used in ANY direction. They simply glide through the workpiece while removing metal. This also means the free cutting control can boost the amperage on its own without additional pressure needed on the tool. Smoother feel. Better control. Improved comfort."

Marek Chudzinski
Global Director of Product Management
Saint-Gobain Abrasives

THE PROOF IS IN THE TESTING

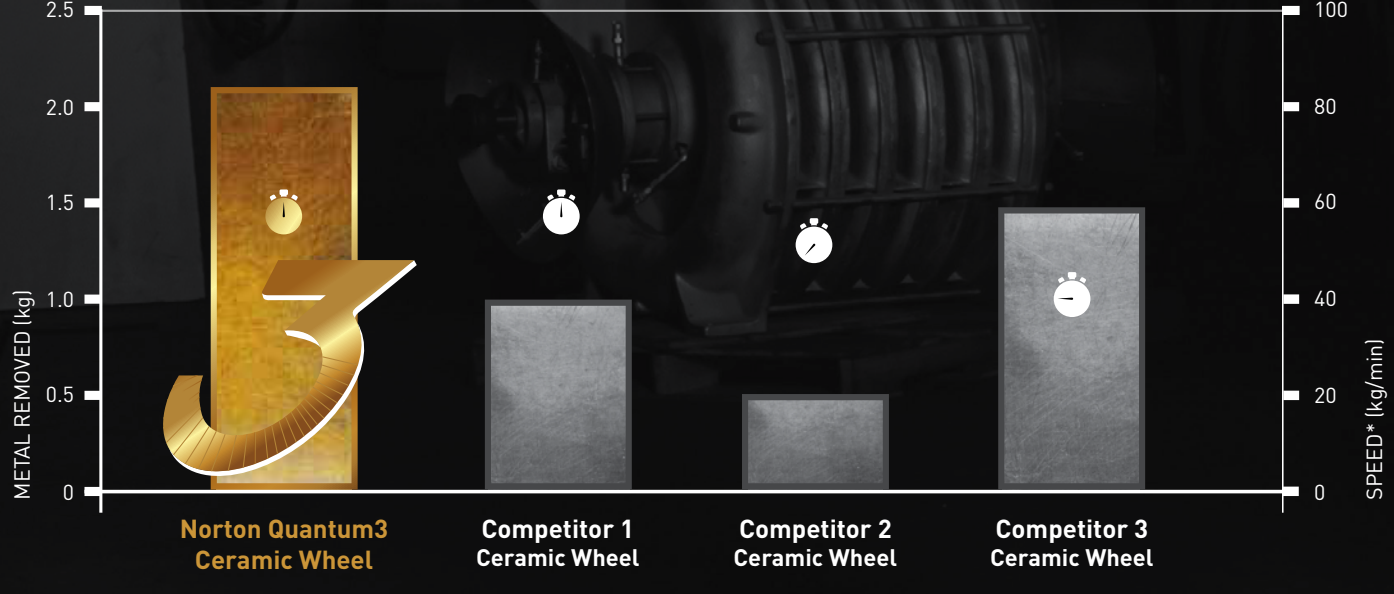
COMPETITOR COMPARISON

125mm ceramic grain grinding wheels tested on Carbon Steel ST-32-7. Products tested at 5 minute intervals until stub out.

Speed of metal removed
Total metal removed/test time until stub out.

Total metal removed by one wheel
Total stock removed until wheel stub out.

3 UP TO 70% MORE METAL REMOVED



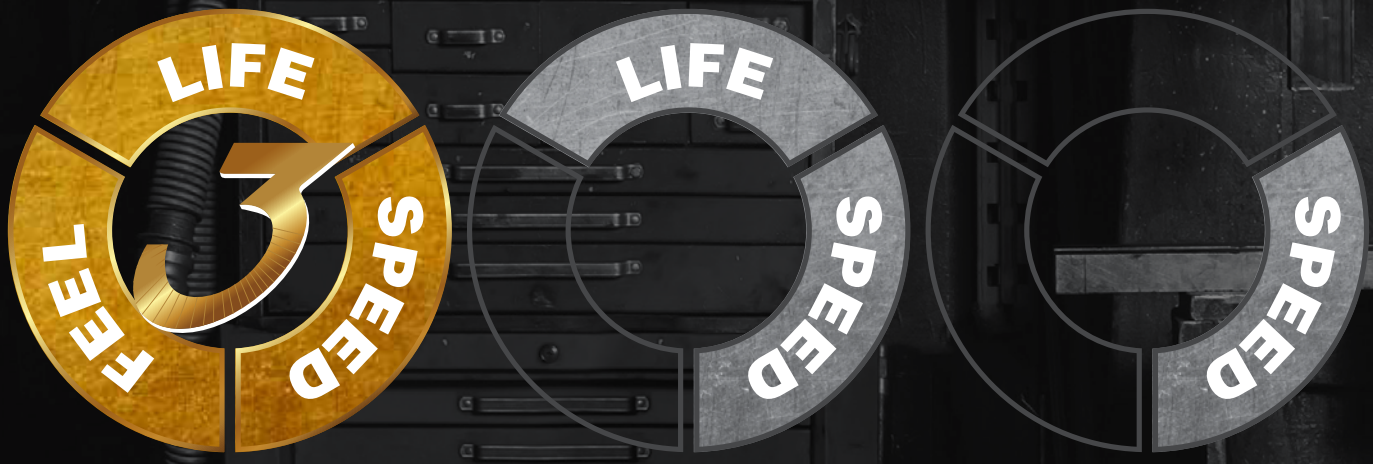
THE SCIENCE OF DESIGN

Your feedback gives us 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 with <0.1% iron, sulfur or chlorine for rust-free results."

Michael Klett
Senior Research Associate
Saint-Gobain Abrasives

GRINDING PERFORMANCE COMPARISON



Norton Quantum3 Ceramic Wheel

Norton Conventional Ceramic Wheel

Norton Zirconia Wheel

WHAT'S AVAILABLE

DIMENSIONS (mm) D x T x B	MAX SPEED (m/sec)	WHEEL SPECIFICATION	ARTICLE NUMBER.	PACK QUANTITY
115 x 7,0 x 22,23	80	NQ24P - BF27	66253371361	10
125 x 7,0 x 22,23	80	NQ24P - BF27	66253371362	10
150 x 7,0 x 22,23	80	NQ24P - BF27	66253371363	10
180 x 7,0 x 22,23	80	NQ24P - BF27	66253371364	10
230 x 7,0 x 22,23	80	NQ24P - BF27	66253371365	10

Visit us online at:
www.saint-gobain-abrasives.com/nq3
or email **nq3@saint-gobain.com**
to request a free sample.

You won't be disappointed!

Reshaping your world

www.saint-gobain-abrasives.com

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