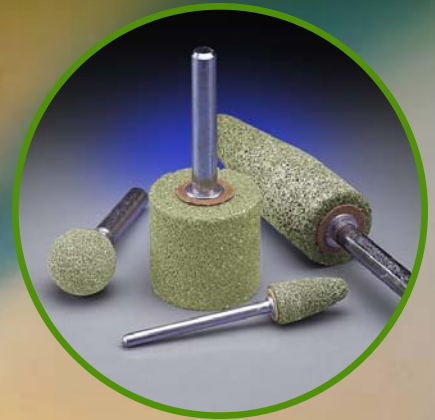
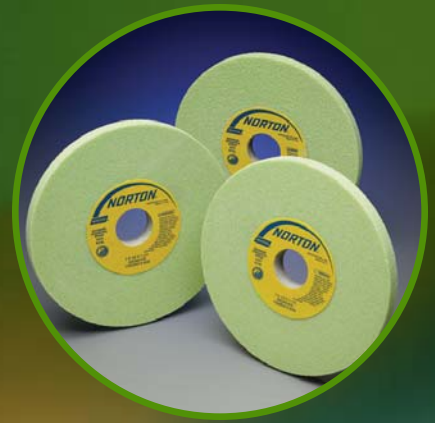


TAKE A QUANTUM LEAP IN TECHNOLOGY AND WIN THE QUEST FOR CASH!

IT'S A WIN/WIN DEAL:
Maximum performance and cost savings for your customers!
Maximum prizes for you!



Target Customers

- High-end abrasive users
- Current customers using Radiac ceramic wheels

Promotion Dates

June 1 to July 30, 2009

Norton Quantum Selling Points

FEATURES

- Engineered ceramic grain shape and chemistry with proven bond technology

BENEFITS

- 33% to 100% longer life vs. competitive ceramic products
- 30%+ higher metal removal rate
- 15%+ lower threshold power
- Versatile in all low, medium and high force applications, from cast iron to stainless steel and hard-to-grind inconel and titanium
- Performs well on new and old machines

Maximize the performance of Norton Quantum wheels with Norton diamond dressing tools.

THE QUANTUM QUEST REWARDS



Place your first \$100 minimum new Norton Quantum and/or selected Norton diamond tool stock order.

Norton Quantum Golf Shirt

Sell \$2,000 of new Norton Quantum and/or selected Norton diamond tool stock products within the promotional period.

\$100

Sell the highest dollar value of Norton Quantum and/or selected Norton diamond tool stock products at your distributorship. **+\$300**



See the reverse side for qualifying Norton Quantum and Norton diamond dressing tool stock products.

Top seller must sell at least \$2,000 of Norton Quantum and/or Norton dressing tool stock products.
 Norton Abrasive Toolroom Promotion #1

NORTON

NORTON QUANTUM FOR TOOL ROOM APPLICATIONS

Maximum Performance and Cost Savings

Revolutionary ceramic abrasive grain technology for more aggressive grinding with reduced cycle times on materials ranging from cast iron to stainless steel and even hard-to-grind inconel and titanium. Performance advantages unmatched in the industry.

Norton Quantum – a quantum leap in technology.

FEATURES

- Engineered ceramic grain shape and chemistry with proven bond technology

BENEFITS

- 33% to 100% longer life vs. competitive ceramic products
- 30%+ higher metal removal rate
- 15%+ lower threshold power
- Versatile in all low, medium, and high force applications
- Performs well on new and old machines



Norton Quantum Stock Toolroom Wheels

Type O1 Straight



SPECIFICATION	UPC NUMBER
7 X 1/2 X 1-1/4	
5NQ46-IVS	69083159103
5NQ46-JVS	69083159104
5NQ60-GVSP	69083159105
5NQ60-JVS	69083159106
8 X 1/2 X 1-1/4	
5NQ46-IVS	69083159107
5NQ46-JVS	69083159108
5NQ60-GVSP	69083159109
5NQ60-JVS	69083159110
8 X 3/4 X 1-1/4	
5NQ46-IVS	69083159111
5NQ46-JVS	69083159112
5NQ60-GVSP	69083159113
5NQ60-JVS	69083159114
12 X 1-1/2 X 5	
5NQ46-IVS	69083159115
5NQ46-JVS	69083159116
5NQ60-GVSP	69083159117
5NQ60-JVS	69083159118
14 X 1-1/2 X 5	
5NQ46-IVS	69083159119
5NQ46-JVS	69083159120
5NQ60-GVSP	69083159122
5NQ60-JVS	69083159124



Norton Quantum Stock Mounted Points

3NQ80-OVS

SHAPE D X T	SPINDLE DIA	UPC NUMBER
A1 3/4 X 2-1/2	1/4	69083149139
A5 3/4 X 1-1/4	1/4	69083149140
A11 7/8 X 2	1/4	69083149141
A21 1 X 1	1/4	69083149144
A23 3/4 X 1	1/4	69083149143
A26 5/8" BALL	1/4	69083149145
A36 1-5/8 X 3/8	1/4	69083149146
A39 3/4 X 3/4	1/4	69083149147
B42 1/2 X 3/4	1/8	69083149045
B52 3/8 X 3/4	1/8	69083149046
B97 1/8 X 3/8	1/8	69083149048
B122 3/8" BALL	1/8	69083149050
B131 1/2 X 1/2	1/8	69083149049
W154 3/16 X 1/2	1/8	69083149133
W164 1/4 X 3/4	1/8	69083149135
W185 1/2 X 1/2	1/8	69083149137
W215 1 X 1/8	1/8	69083149138
W242 2 X 1	1/4	69083149148

SPINDLE LENGTH IS 1-1/2"



Norton Dressing Tools for Norton Quantum Wheels

Maximize the performance of your Norton Quantum wheels. Order Norton diamond dressing tools.

WHEEL DIAMETER	ABRASIVE PRODUCT NO.	UPC NUMBER
MULTI-POINT TOOLS		
UP TO 10"	SG1R6J7	66260195377
11" - 14"	SG2R6K7	66260195378
TOOL APPROACH ANGLE 0; TOOL DIAMETER 7/16".		
SINGLE POINT TOOLS		
UP TO 7"	SG2M7	66260195366
8" - 10"	SG3M7	66260195368
11" - 14"	SG5M7	66260195370

TOOL LENGTH IS 2"; TOOL DIAMETER IS 7/16".

NORTON QUANTUM

A Quantum Leap in Technology

To learn more about Norton Quantum and Norton dressing tools, please contact us at: