



## A NEW STAR HAS EMERGED IN DISC GRINDING

### NORTON STELLAR DOUBLE DISC GRINDING WHEELS

New Norton Stellar inserted-nut grinding wheels offer improved wheel life, increased parts per wheel, and lower cost per part. Our advanced manufacturing process produces homogeneous wheels that have extremely consistent quality wheel to wheel, throughout the entirety, and for life of the wheel creating an excellent surface finish.

Used in double and single disc grinding and available in Norton's range of high performance grains and bonds, including our most cutting-edge ceramic grains and advanced bond technologies, Norton Stellar wheels let you find the best fit for your application.

#### KEY APPLICATIONS

PISTON RINGS | CONNECTING RODS | COMPRESSOR PLATES  
AUTOMOTIVE AND MACHINERY COMPONENTS | BEARING RACES  
HAND TOOLS | SPRINGS

#### KEY INDUSTRIES

AUTOMOTIVE | BEARING | TOOL MANUFACTURING  
COMPRESSOR | KNIFE BLADE | JOB SHOP  
GENERAL MACHINE

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



**NORTON**

SAINT-GOBAIN

**STELLAR™****DOUBLE DISC  
GRINDING WHEELS**

## CONSISTENT PERFORMANCE FROM START TO FINISH

### FEATURES & BENEFITS

- Consistent, superior wheel performance: grind the same from start to finish to achieve and maintain a high quality surface finish
- 30%+ longer wheel life than existing surface grinding products
- 15%+ improved material removal rates
- Less dressing and parameter changes for increased productivity



### Availability

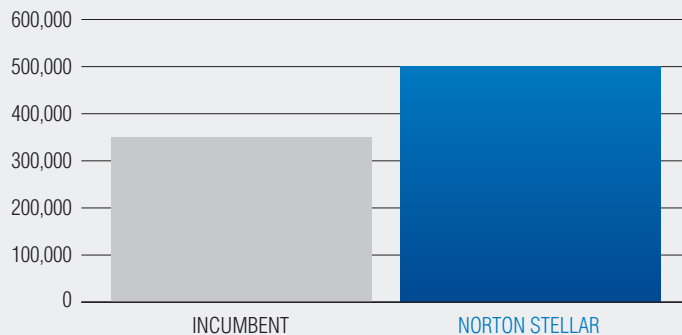
All Norton Stellar wheels are made-to-order to your exact requirements. Please contact your local Norton representative or a Customer Service Team member to discuss details and cost-saving solutions for your operation.

**Wheel Type:** Inserted-nut, Double and Single disc grinding  
**Abrasive:** Available in a variety of Norton's high performance grains – from Aluminum Oxide to Ceramics  
**Diameter:** 8" – 42"  
**Grit Range:** 16 – 220

### Case Study #1

**APPLICATION:** Automotive Component  
**MATERIAL:** Stainless 300 Series  
**WHEEL SIZE:** 15" x 2" x 4.5"  
**NEW SPECIFICATION:** 5NQA60-L9BDS  
**INCUMBENT WHEEL:** 15" x 2" x 4.5" 60-grit A/O resin wheel  
**MACHINE:** Gardner 115  
**RESULTS:** 43% more parts per wheel than incumbent wheel

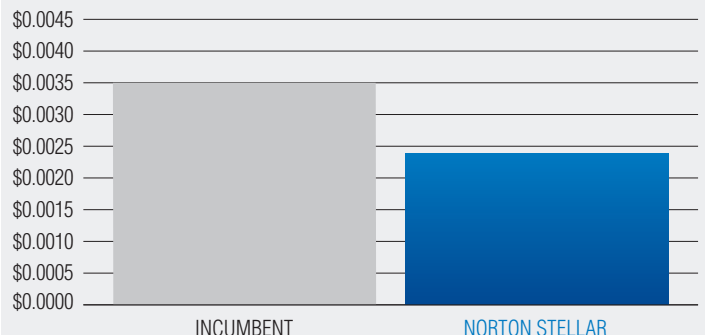
#### PROJECTED PARTS PER WHEEL



### Case Study #2

**APPLICATION:** Professional Blade  
**MATERIAL:** Stainless 400 Series  
**WHEEL SIZE:** 23" x 1.125" x 4"  
**NEW SPECIFICATION:** 2A60-IBDVX  
**INCUMBENT WHEEL:** 23" x 1" x 4" 60-grit A/O resin wheel  
**MACHINE:** Lucas Gardner  
**RESULTS:** 35% less abrasive costs compared to incumbent

#### TOTAL COST PER PART



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#### USA CUSTOMER SERVICE:

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 Toll Free Fax: 1 (800) 561-9490

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**NO-RISK TEST**

