

**NORTON**

SAINT-GOBAIN®

## BZZ DRAGON SURFACE CONDITIONING WHEELS

REMOVE SCALE, CRACKS AND OTHER  
SURFACE DEFECTS WITH NORTON BZZ  
DRAGON GRINDING WHEELS.

Norton BZZ Dragon surface conditioning wheels offer extended wheel life and faster material removal for significantly reduced abrasive processing cost and improved throughput in steel conditioning applications. BZZ Dragon is a combination of a durable, high-strength bond ideally suited for rough grinding applications, and engineered grain with unique chemistry which provides faster cut rate and improved surface finish when compared to traditional grains used in surface conditioning.

### KEY APPLICATIONS

COLD TO HOT GRINDING OF INGOTS | BARS & SLABS

### KEY MARKET SEGMENTS

PRIMARY STEEL



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

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**BZZ DRAGON  
SURFACE CONDITIONING WHEELS****FEATURES & BENEFITS**

- Reduced overall abrasive process cost
- Extended wheel life, for less change-overs and less machine down time
- Unique engineered grain allows for faster cut rate – gets jobs out the door quicker
- Improved surface finish
- Engineering support from our experienced application engineers to dial in your process for optimized results

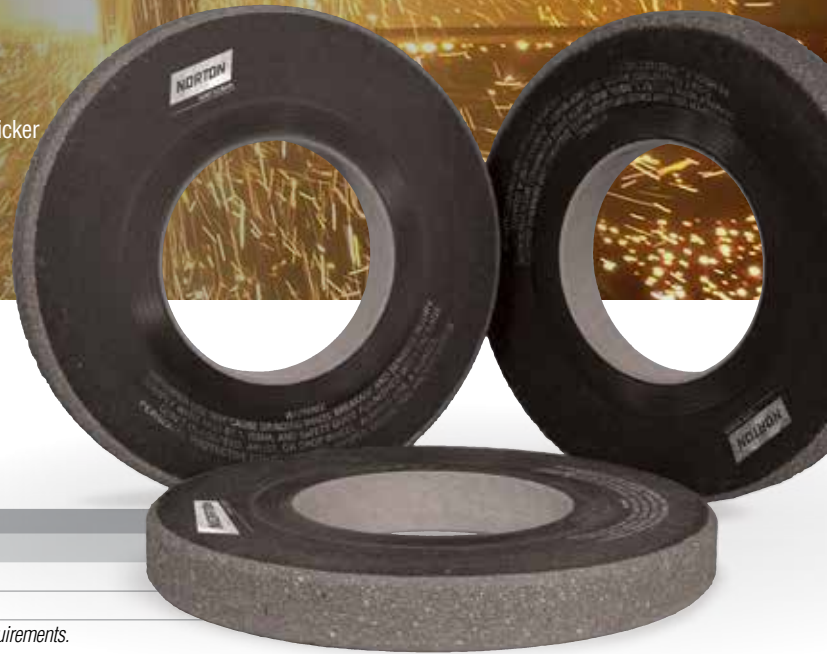
**Material Types:**

- High Nickel & Specialty alloys
- Stainless steel

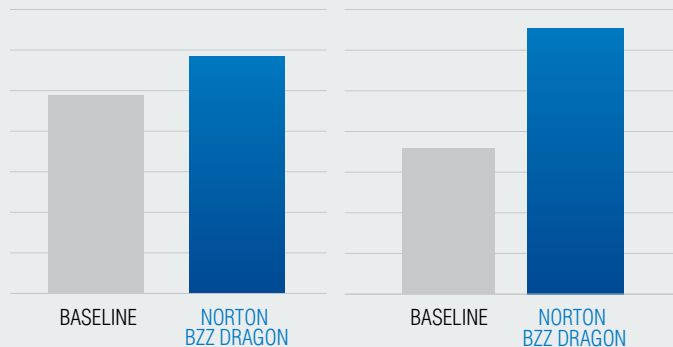
**Product Availability:**

DIAMETER	THICKNESS	
	Min	Max
24"	2.5"	4"
25"	3"	4"

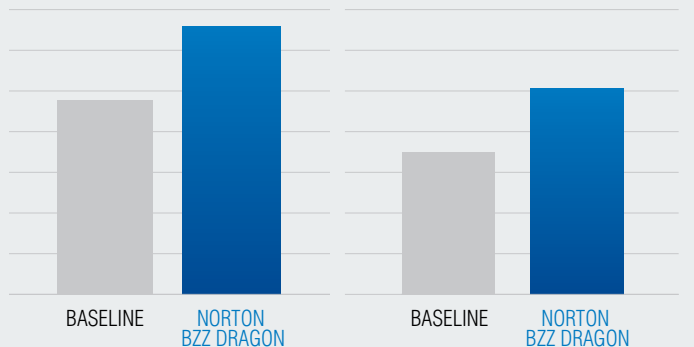
All Norton BZZ Dragon conditioning wheels are custom made, to your exact application and size requirements.

**Case Study #1****MACHINE:** Mid-West Grinder**MATERIAL:** High Nickel Alloy**PART TYPE:** Ingots and Slabs

**RESULTS:** The Norton BZZ Dragon wheel showed a 20% improvement in G-Ratio and 83% improvement in material removal rate over the baseline specification. This resulted in a 28% reduction in abrasive process cost.

**G-RATIO (LBS/IN<sup>3</sup>)****MATERIAL REMOVAL RATE (LBS/HR)****Case Study #2****MACHINE:** Mid-West Grinder**MATERIAL:** Steel & Nickel Alloy**PART TYPE:** Bars

**RESULTS:** The Norton BZZ Dragon wheel showed a 38% improvement in G-Ratio and 45% improvement in material removal rate over the baseline specification. This resulted in a 25% reduction in abrasive process cost.

**G-RATIO (LBS/IN<sup>3</sup>)****MATERIAL REMOVAL RATE (LBS/HR)**

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**NO-RISK TEST**

