

THE NEW GENERATION ABRASIVE TECHNOLOGY

Norton Quantum ultra thin cut-off wheels for stainless, alloy and carbon steels provide unrivalled wheel life, highest metal removal rates and fastest cutting action.

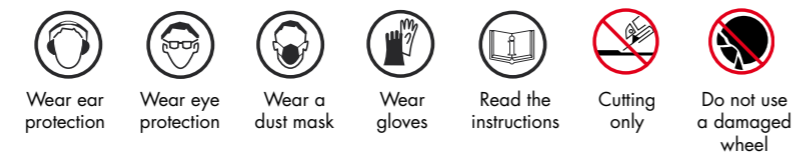
Norton Quantum is a new generation of ultra thin wheels specially developed using the new and revolutionary Patent Pending Bond Technology in combination with the new NorZon Plus grain - a unique combination that significantly increases grain performance.

Range Norton Quantum							
order code	size	specification	shape	barcode	application	machine	box
66252836338	115x1,0x22,23	ZA 60 ZZ-BF41	41	8711479446122	steel-inox	cut	25
66252836339	115x1,6x22,23	ZA 46 ZZ-BF41	41	8711479446139	steel-inox	cut	25
66252836340	125x1,0x22,23	ZA 60 ZZ-BF41	41	8711479446146	steel-inox	cut	25
66252836341	125x1,6x22,23	ZA 46 ZZ-BF41	41	8711479446153	steel-inox	cut	25

**Application pictograms**



**Safety pictograms**



**Try them out!**  
To test the Norton Quantum, just get in touch with your usual Norton Contact



www.fepa-abrasives.org



www.osa-abrasives.org



EN ISO 9001, EN ISO 14001 and OHSAS 18001  
Certificates No. 71 100 H 287, 71 104 H 021 and 71 116 I 030

The personal safety of workers using abrasive cutting and grinding wheels is the primary concern of Norton and Saint-Gobain Abrasives. All Norton abrasive wheels are developed, manufactured and safety tested in accordance with the European standards. Saint-Gobain Abrasives has an ISO 9001 certified quality management system and an ISO 14001 certified environmental management system.

Form # 1600

**QUANTUM**

THE NEW GENERATION ABRASIVE TECHNOLOGY



**No other wheel lasts longer!**

**NORTON**

# QUANTUM

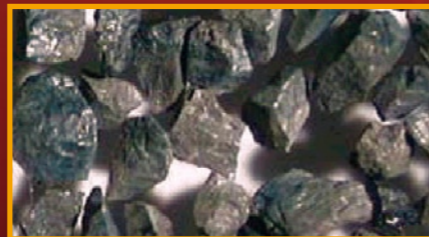
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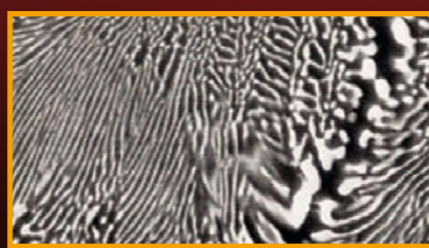
Norton Quantum is a new generation of ultra thin wheels specially developed using the new and revolutionary Patent Pending Bond Technology in combination with the new NorZon Plus grain - a unique combination that significantly increases grain performance.



Typical structure of the NorZon Plus grain which has better fracture toughness enabling more controlled fracture behaviour compared with aluminum oxide grain during rapid metal removal.



Eutectic microstructure of the NorZon grain (Al<sub>2</sub>O<sub>3</sub> / ZrO<sub>2</sub>).



## No other wheel lasts longer!

Freeness of cut and a very fast cutting action are the key attributes of any cut-off wheel. Add longer life, and you have the absolute best performing product on the market - Norton Quantum. Norton Quantum has been designed to give premium product users the best cut rate and unrivalled wheel life - outperforming the competition and yielding the lowest abrasive costs with minimised operator effort.

### Product features

- Premium aggressive NorZon Plus grain
- Revolutionary Patent Pending Bond Technology

### User benefits

- No other wheel lasts longer
- Lowest total abrasive costs
- High metal removal rate
- Fast cutting
- High stability
- Low vibration
- Less material loss
- Less noise & dust
- Less energy consumption
- Burr-free cutting
- White and clean cutting
- Extreme precision and straight cutting

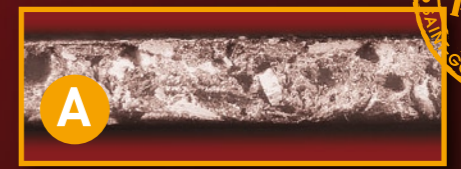
### Application benefits

- 1.0 mm thickness for fastest cut rate and minimum material loss
- 1.6 mm thickness for demanding applications



Unrivalled lifetime

- A** Norton Quantum
- B** High Performance 'Competitor' wheel



New generation Norton Quantum (A) retains significantly more grain on the edge of a cut wheel compared to high performance Competitor wheels (B).



Fast and precise cutting

