

NORTON

SAINT-GOBAIN

Millinium™Transforming surfaces
...and beyond

ROLLING IN A NEW LEVEL OF PERFORMANCE

ROLL GRINDING WHEELS

We are rolling in a new level of performance with upgraded Norton Millinium wheels, designed for hot mill roll grinding. These new wheels feature an improved design which offers premium performance in challenging roll grinding applications. Norton Millinium wheels grind faster, last longer, and produce a better overall roll finish when compared to previous generation wheels.

Norton Millinium wheels are designed to be operator friendly and versatile across different horse powers and roll materials. If producing quality rolls with the most cost-effective process is what you want, Norton Millinium is the answer.

Product SPECIFICATIONS

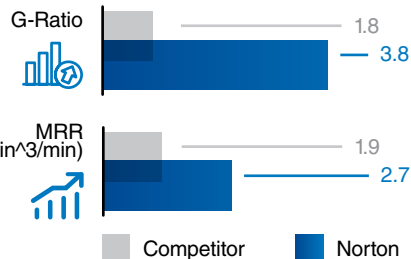
Diameter:	12" - 42"
Thickness:	Up to 6-1/4"
Grade:	F - M
Grit:	36 - 60
Max Operating Speed:	Up to 63m/s



CASE STUDIES

Case Study #1 ICDP, HSS

Machine	150 HP Herkules
Wheel size:	36" x 4" x 20"
Results:	The Norton Millinium wheels produced 2x the life of the baseline wheel with 42% increase in material removal rate.



Case Study #2 ICDP, HSS

Machine	100 HP Herkules
Wheel size:	36" x 3" x 14"
Results:	The Norton Millinium wheels produced 67% increase in G-ratio and a superior finish compared to the baseline specification. Additionally, the operators provided positive feedback on the versatility and ease of use of the product.



Case Study #3 HSS, CHROME IRON, ICDP

Machine	Herkules
Wheel size:	30" x 3" x 12"
Results:	The Norton Millinium wheels showed a 49% improvement in G-Ratio, produced a better finish, and no chatter, which is critical for the customer's process. The product also produced a finish that was better than the target.

**KEY INDUSTRIES:**
STEEL HOT MILL ROLL**KEY APPLICATIONS:**
GRINDING HOT MILL WORK AND BACK-UP ROLLS**KEY MATERIALS:**
HSS | CAST IRON | CHILLED IRON | CRFE | CPC | ICDP

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USA CUSTOMER SERVICE:Toll Free Phone: 1 (800) 551-4413
Toll Free Fax: 1 (800) 551-4416**CANADA CUSTOMER SERVICE:**Toll Free Phone: 1 (800) 263-6565
Toll Free Fax: 1 (800) 561-9490**FORM #8669** REV. 11/23

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NO-RISK TEST

