

NORTON

SAINT-GOBAIN

WINTER

DIAMOND WHEELS FOR INSERT GRINDING

PATENTED

Norton Winter Paradigm Plus Diamond wheels for insert grinding are the newest generation of Paradigm product which features a new grain technology that complements the already successful brittle-metal bond technology to deliver even higher grinding performance on inserts. This technology produces lower specific cutting energy with a 25% to 50% higher MRR, and has significantly improved wheel life when compared with current Paradigm wheels.

PARADIGM
PLUS



KEY MARKETS: INSERT GRINDING

KEY APPLICATIONS: PERIPHERY GRINDING

Made-To-Order

AVAILABILITY:

Norton Winter Paradigm Plus wheels are made to meet your precise requirements. They are available in a variety of profile shapes and wheel sizes to meet your specific needs for insert grinding. Contact your Norton representative for specification recommendations to ensure maximum grinding performance.

Dressing Product

RECOMMENDATIONS:

True and dress online with a Norton Aluminum Oxide wheel.

General Application PARAMETERS:

<i>Wheel Speed:</i>	6,000-9,000 SFPM
<i>Infeed Rate:</i>	0.5" to 1.0" per minute
<i>Depth of Cut:</i>	Up to 0.030"
<i>Coolant:</i>	Straight Oil

Paradigm Plus Insert Grinding SHAPES & DIMENSIONS:

<i>Shapes:</i>	2A2TA
<i>Diameter (D):</i>	6" – 400mm
<i>Layer width (T or U):</i>	.200" - 1" as one section (shape dependent)
<i>Layer depth (X):</i>	Shape/layer width dependent
<i>Grit size:</i>	100 grit through 12/22mic (finest)
<i>Grade and concentration:</i>	C-F grade, 152-184 (varies by grit)
<i>Diamond specification:</i>	DHZ



Learn more about Paradigm

<https://nortonsga.us/paradigmplus>



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FORM #8989

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NO-RISK TEST

