

ABRASIVE TECHNOLOGICAL EXCELLENCE

MULTI-PURPOSE LASER-WELDED DIAMOND BLADE

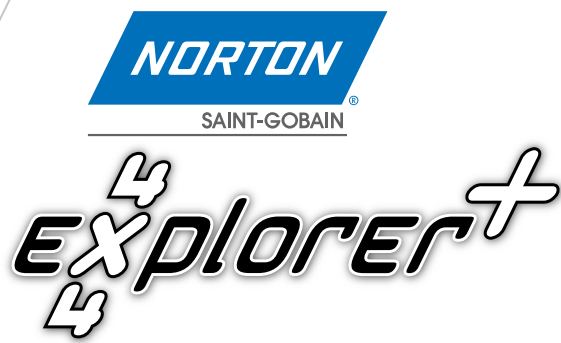


NORTON

SAINT-GOBAIN®

Explorer+





THE NEW MULTI-PURPOSE LASER-WELDED DIAMOND BLADE

Norton 4x4 explorer + is the new multi-purpose laser welded diamond blade by saint-gobain abrasives, inventor of the first laser-welded diamond blade in 1982.

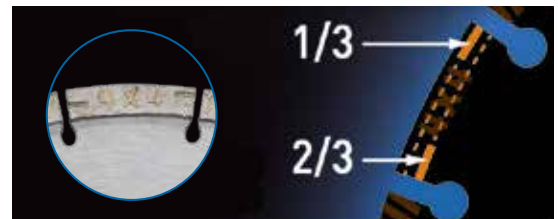
NEW AND INNOVATIVE PRODUCT FEATURES

Developed and manufactured in our state-of-the-art facility in Luxembourg, 4x4 Explorer + offers an improved and faster cutting experience whilst the many innovative features ensure the highest safety standards.

EMBEDDED WEAR-INDICATOR

- Wear indicator
- Product name imprinted in each segment

A unique product immediately recognisable



PATENTED DEPTH-INDICATOR

- Way of rotation
- Depth indicator

Step-cutting shortens total cutting time and reduces wear on diamond blades

A unique feature only available on Norton blades



DROP-SHAPE GULLET

A safety feature only available on Norton blades improving resistance to fatigue cracks



All Norton diamond blades are fully compliant with the latest EN13236:2010 safety standard requirements.

Norton 4x4 Explorer was one of the first multi-purpose laser-welded diamond blades in the construction market.

Norton 4x4 Explorer + takes a step further with a new segment specification and manufacturing process.



FASTER CUTTING

The new segment specification brings a [tremendous improvement in cutting speed](#) and product life. Benchmarking the most prominent competing products in the UK market, we have proved that [4x4 Explorer + outperforms all multi-purpose competitor blades](#), ensuring the best return on investment for the end user.

SAFER

Fully compliant with the latest EN13236:2010 safety standard and fitted with the patent-pending [Norton drop-shape gullets](#) preventing fatigue cracks in the steel-centre, [Norton 4x4 Explorer +](#) is a totally safe product, even when used for cutting metal.

MORE COMFORTABLE

The [trapezoid shape segments](#) provide a narrow and constant space between the segment during the whole product life, reducing vibrations and shocks during cutting. The serrations on the segment face contribute to the cutting speed and help to reduce the efforts required by the operator.

SMARTER

- The [patented arrow-shape depth-indicator](#) indicates the way of rotation to ease mounting of the blade, and once in rotation, the stroboscopic effect displays two transparent lines indicating 5 and 10cm cutting depth
- The new [segment wear-indicator](#) embedded in the segments are two thin lines showing 1/3 and 2/3 of the segment height, indicating visually the wear of the product.

PROBLEM

The improved segment specification [works perfectly in all kinds of construction materials](#) from granite, natural stones, reinforced concrete, blocks, bricks, green concrete and asphalt. The choice of diamonds and the special treatment on the steel centre allows a perfectly safe and sustainable [cut in metal pieces](#) like rebars, pipes or safety barriers.



NORTON 4X4 EXPLORER +

MULTIPURPOSE and VERSATILE laser welded segments for dry or wet cutting. High performance diamond blade, giving LONG LIFE and HIGH SPEED cutting in a wide range of construction materials. Featuring patented DEPTH INDICATOR for blade life monitoring and indication of cutting direction, and ANTI-CRACKS gullets for enhanced safety.

Application: concrete pavement, reinforced concrete, granite, asphalt and metals up to a 5mm thickness.

FEATURES

- New specification with 12mm high segments
- Trapezoidal segment shape
- Patented cutting depth indicator
- Segment wear indicator
- Patented drop-shape gullet
- Manufactured with our new exclusive enhanced segment technology.

BENEFITS

- Most versatile blade : fast cutting in hard materials and long life in abrasive materials
- More comfortable and smoother cut, lower vibration.
- Easier control of the cutting depth during use.
- Visual check of the segment wear to track easily the product life.
- Safer design to prevent fatigue cracks, even when cutting in metals (up to 5mm thickness).
- Produces higher segment density for stronger laserwelding and longer life.

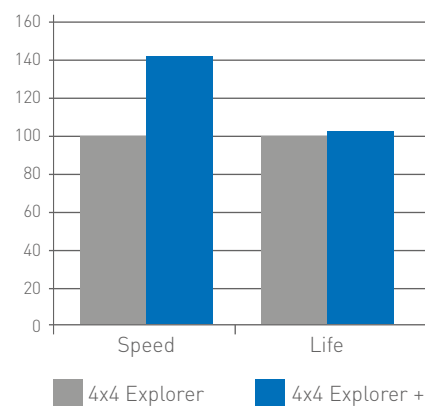
APPLICATIONS

- Reinforced concrete
- Concrete lintels
- Limestone concrete
- Concrete roof tiles
- Paviments and blocks
- Granite & natural stones
- Asphalt
- Asphalt over concrete
- Breeze blocks
- Gridstone
- Sandstone
- Steel parts up to 5mm thickness

ø (mm)	Bore (mm)	Segment H / W		Item No	Barcode
115	22.23	10/2.2		70184625307	5450248345329
125	22.23	10/2.2		70184647279	5450248557234
180	22.23	10/2.5		70184643654	5450248512516
230	22.23	12/2.5		70184647280	5450248557241
300	20	12/3.0		70184646881	5450248549994
300	25.4	12/3.0		70184646870	5450248548898
350	25.4	12/3.2		70184646154	5450248538448
350	20	12/3.2		70184646571	5450248545538
400	25.4	12/3.2		70184647348	5450248558804
400	20	12/3.2		70184647374	5450248559399
450	25.4	12/3.2		70184647349	5450248558811

40% FASTER CUTTING SPEED!

IMPROVED PRODUCT LIFE



Measured on handheld cut-off saws in 300 to 400mm

www.norton.eu

Saint-Gobain Abrasifs
Rue de l'Ambassadeur - B.P.8
F78702 Conflans Cedex
France

Tel: +33 (0) 134 90 40 00
Fax: +33 (0) 134 90 43 87

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EN13236