

NEW REGISTON PRODUCT BROCHURE

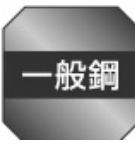
THETA CUT EX



Reinforcement2



Cutting



Steel



Stainless
steel



Aluminum



Disc grinder

Features and Applications

- Super thin 1mm thickness wheel greatly increases cutting rate and working efficiency!
- Longer lifetime than competitor's 1mm thickness wheel!
- Excellent performance and durability.
- Ideal for cutting metals such as round bar, pipe, steel sheet



Specifications

Diameter (mm)	Thickness (mm)	Bore (mm)	Grain	Grit	Hardness	Packing Outer Box (pcs × inner box)	Maximum operation speed
105	1	16	NX	60	S	400pcs (50pcs × 8boxes)	80m/s (4,800 m/min)

Package



NEW REGISTON

2-1-1 AYUMINO IZUMI-CITY OSAKA 594-1157 JAPAN

Visit our website
<https://www.newregiston.co.jp/en/>



Recommended applications

1. Cutting architectural hardware such as pipes and square timbers to fit dimensions



※This photo is for illustrative purposes.



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A sharp product is recommended for cutting architectural hardware. The thinner the wheel, the less resistance it has, resulting in a faster cutting speed. THETA CUT EX with a thickness of 1mm is recommended.

Outer diameter: 105mm only

Grain size: #60 only

Thickness: 1mm

Type: Flat type

THETA CUT EX 105x1x16 NX60S



Recommended points

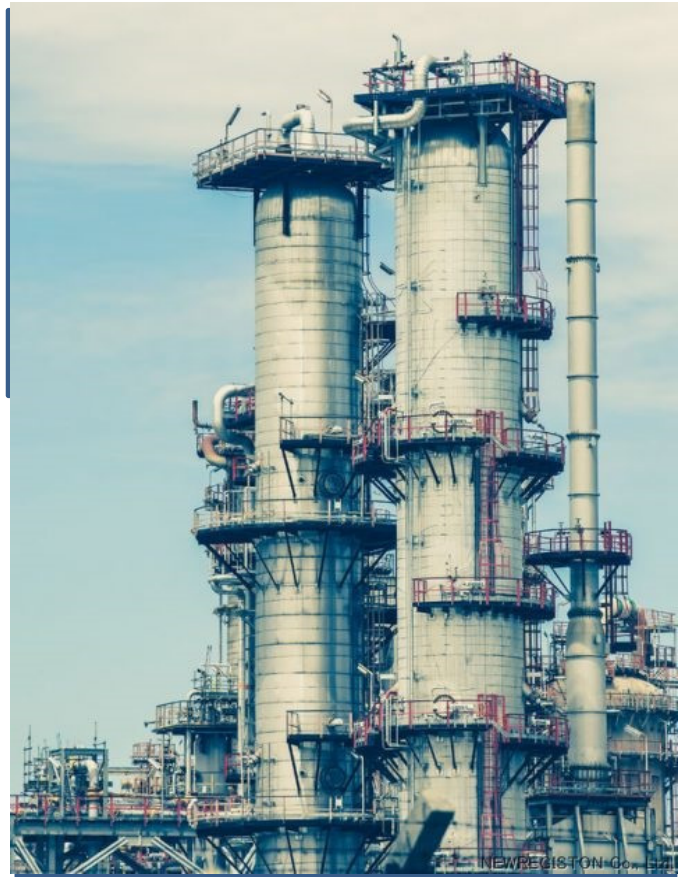
Excellent sharpness!!
Overwhelming cutting speed.

Recommended applications

2. Removal and cutting of renovation sections in chemical plant construction



※This photo is for illustrative purposes.



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You can choose between emphasizing durability or cutting speed for cutting operations such as general steel in construction work.

The thicker the wheel, the more it prioritizes durability, while the thinner the wheel, the less resistance it has, resulting in a faster cutting speed.

Outer diameter: 105mm only

Grain size: #60 only

Thickness: 1mm

Type: Flat type

THETA CUT EX 105x1x16 NX60S

✓ Recommended points

Excellent sharpness!!
Overwhelming cutting speed.

Recommended applications

3. Cutting corroded parts of the body during sheet metal repairs.



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You can choose between emphasizing durability or cutting speed for cutting parts of the body during sheet metal repair. The thicker the wheel, the more it prioritizes durability, while the thinner the wheel, the less resistance it has, resulting in a faster cutting speed.

Outer diameter: 105mm only

Grain size: #60 only

Thickness: 1mm

Type: Flat type

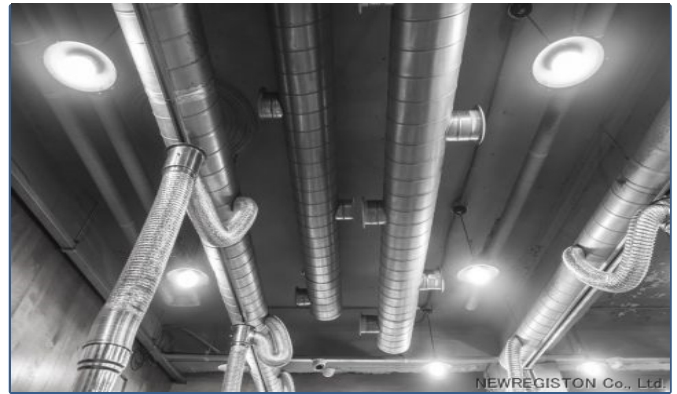
THETA CUT EX 105x1x16 NX60S

✓ Recommended points

Excellent sharpness!!
Overwhelming cutting speed.

Recommended applications

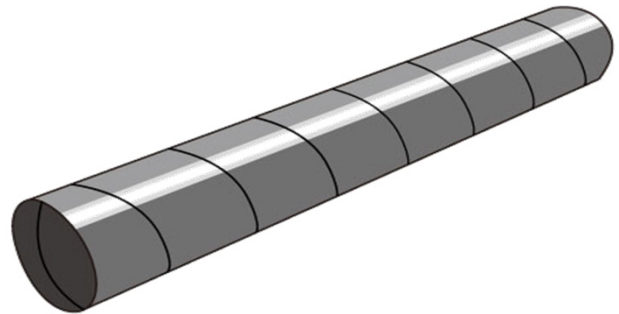
4. Cutting spiral ducts and duct openings for ductwork construction



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Spiral duct

A sharp product is recommended for cutting operation in ductwork construction. The thinner the wheel, the less resistance, resulting in a faster cutting speed.

THETA CUT EX with a thickness of 1mm is recommended..

Outer diameter: 105mm only

Grain size: #60 only

Thickness: 1mm

Type: Flat type

THETA CUT EX 105x1x16 NX60S

✓ Recommended points

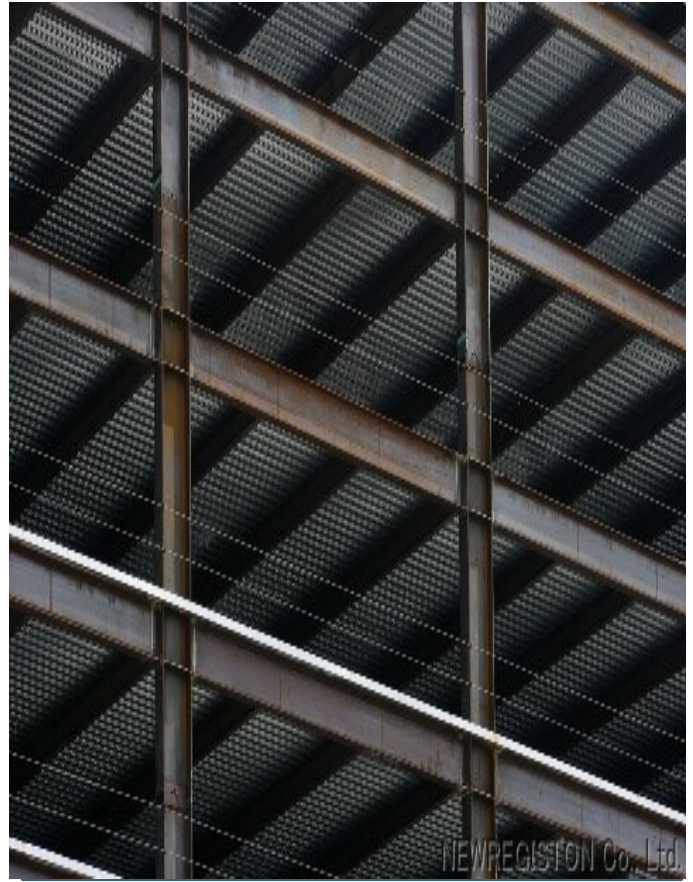
Excellent sharpness!!
Overwhelming cutting speed.

Recommended applications

5. Cutting of general steel materials.



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You can choose between emphasizing durability or cutting speed for cutting operations. The thicker the wheel, the more it prioritizes durability, while the thinner the wheel, the less resistance it has, resulting in a faster cutting speed.

Outer diameter: 105mm only

Grain size: #60 only

Thickness: 1mm

Type: Flat type

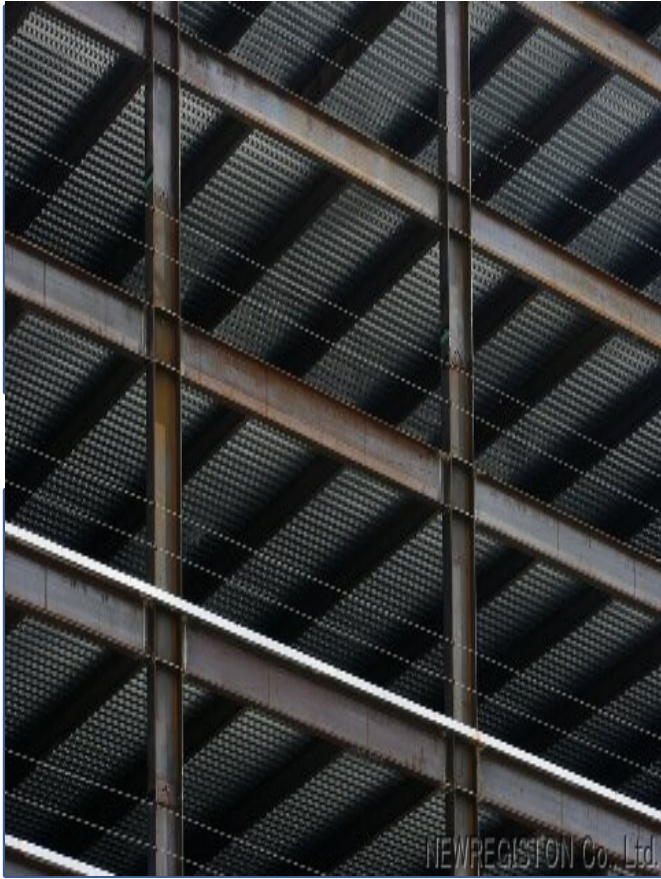
THETA CUT EX 105x1x16 NX60S

✓ Recommended points

Excellent sharpness!!
Overwhelming cutting speed.

Recommended applications

6. Dimension adjustment and removal of handrails during assembly in the steel frame industry



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You can choose between emphasizing durability or cutting speed for cutting operations.

The thicker the wheel, the more it prioritizes durability, while the thinner the wheel, the less resistance it has, resulting in a faster cutting speed.

If sharpness is a priority, THETA CUT EX is recommended.

Outer diameter: 105mm only

Grain size: #60 only

Thickness: 1mm

Type: Flat type

THETA CUT EX 105x1x16 NX60S

✓ Recommended points

Excellent sharpness!!
Overwhelming cutting speed.

Cut-off performance

**K Maker
AWA46P 1.2mm**

***NRS* Theta Cut EX
NX60S 1.0mm**

**Tact
Time
second
/cut**

10.9

8.0

**36.2%
Speed Up!**

**Reduce
Labor cost!**

**Tool
Life
cuts
/piece**

11

26

**136%
Life Up!**

**Improves
profit !!!**

**Reduce
Purchase cost!
(and time of exchanging wheels!)**

Feeling

**Too soft.
Edge is not go
forward.**

**Sharp.
Stable.**

