

Ultra-hard metal saw that does not allow burring on the edge through the cutting of the variety of metal substrate.

It can be the total solution for cutting that can respond to the new demands.

- Cutting blade for metal substrate.
- Perfect for metals and resins cuttings.
- Restrains burrs and enables sharp cutting.



■ Processing example Ultra-hard metal saw



■ Aluminum substrate cutting

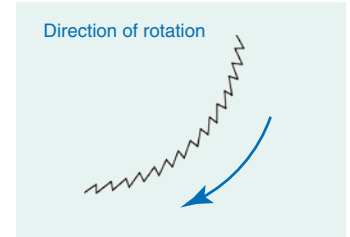
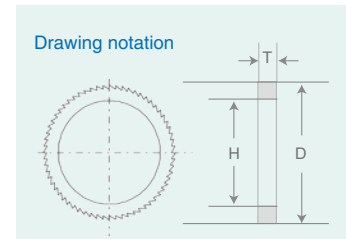
With conventional diamond blade metal burr-less cutting was impossible.

The ultra-hard metal saw can realize metal burr-less cutting.



■ Dimension and Notation

	56D	0.1T	40H	80N
	O.D.	Blade thickness	I.D.	Number of slit *Standard: 80
■ Production range	O.D./D +0.2/-0 50≤D≤90	Blade thickness/T(mm) ±0.01 0.08≤T≤0.7	I.D./H(mm) H6 40	



■ Material features

Material	JIS K10 (or similar materials)
Hardness	92.0 HRA
Transverse rupture strength	3.2 Gpa
Fracture toughness	6.8 Mpa·m ^{1/2}
Density	14.9g /cm ³

■ Ordering the product

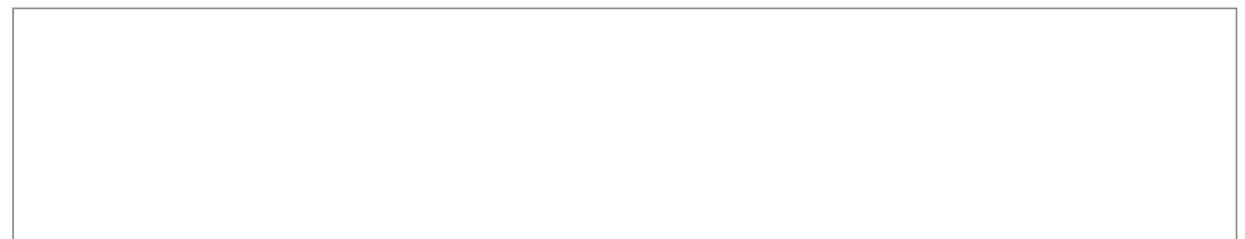
When ordering our product, please refer to our catalog and let us know the details of the product as below.

- 1) **Shape and size/** Detailed blade shape and precision etc.
- 2) **Specifications/** Desired specification as well as the current in-use blade etc.
- 3) **Cutting work and condition/** Machine in use, RPM, feed speed, coolant flow rate etc.

■ Precautions

In order to use the product safely and to bring out the best of the blade's performance, please make sure to thoroughly read the specifications and other related materials of the product.

- * The catalog is subject to change without notice.
- * The catalog is not to guarantee the product quality.



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