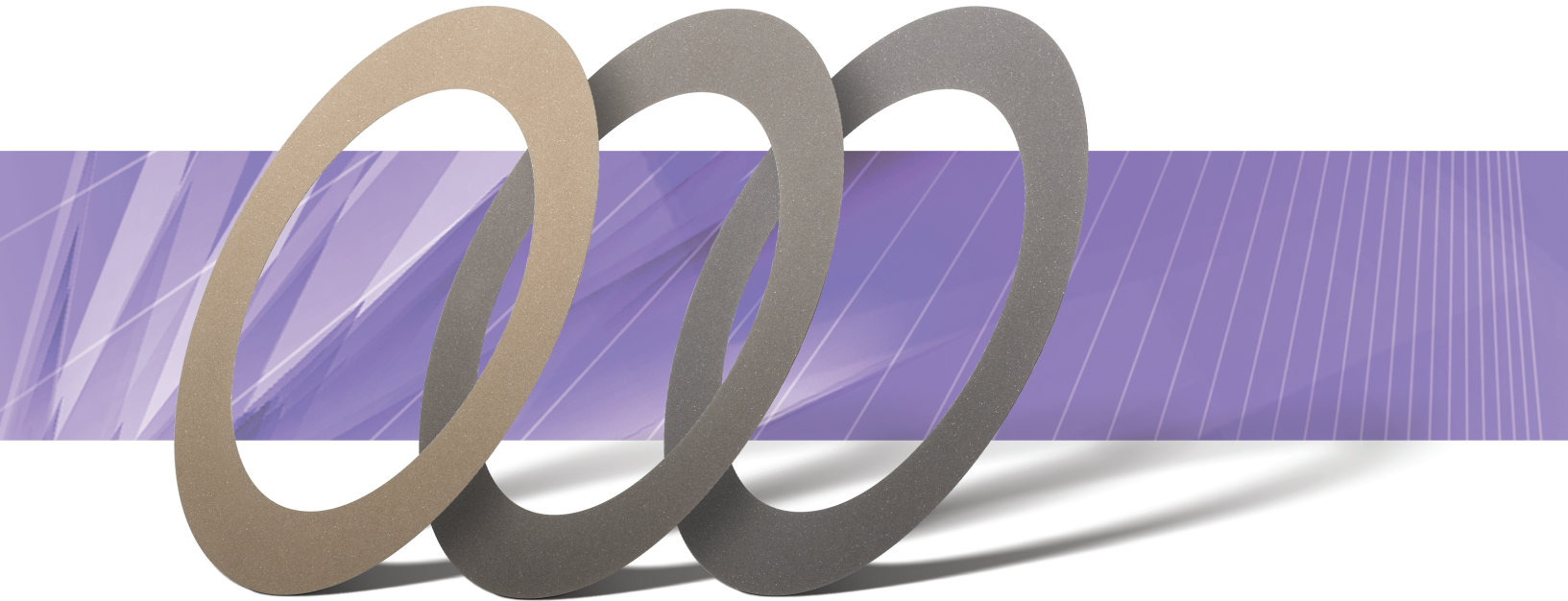
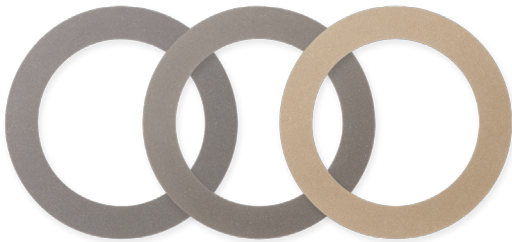
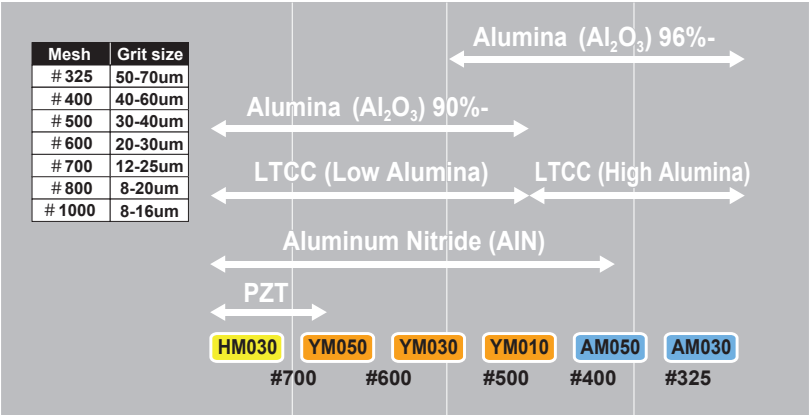


PRECISION ACCRETECH BLADE METAL BOND BLADES FOR CERAMICS YM/AM series



Metal blade series capable of cutting high-purity ceramics.
Realizes extended life of blades.

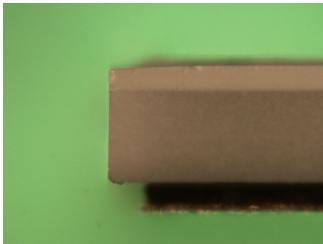


■ Dicing Application

AM series

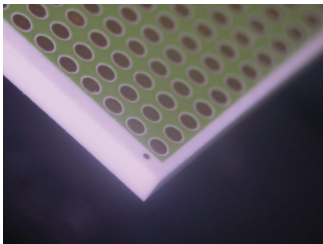
■ Dicing Application

YM series



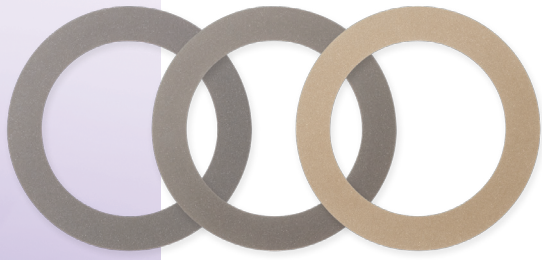
■ Alumina Cutting

AM series holds the sharp cutting performance for providing the vertical cutting capability to resolve a protrusion issue in segmentation process beyond the cutting ability of conventional metal blade.



■ LTCC Cutting

Improved cutting ability has realized the cutting without chipping and cracking even for thick LTCC. YM030 is used.



■ Specification and Notation

1A8

Shape

MD

Grit type

400

Mesh

-

50

Concentration

AM030

Bond

■ Grit type

MD	Standard
XD	Coating

■ Concentration

25, 50, 75, 100

■ Dimension and Notation

56D

O.D.

0.2T

Blade thickness

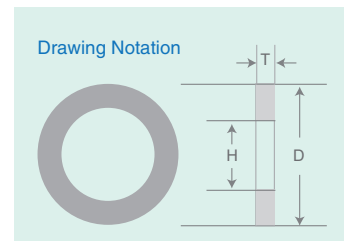
40H

I.D.

■ Production Range

O.D./D +0.1/-0	Blade thickness/T(mm) ±0.005 *1	I.D./H(mm) H6, H7
50 ≤ D ≤ 62	0.05 ≤ T ≤ 0.4	40

*1 #325 is ±0.01.



■ Production Range

Mesh size	Grit	
	MD	XD
4000	●	
2500	●	
2000	●	●
1300	●	●
1200	●	●
1000	●	●
800	●	●
700	●	●
600	●	●
500	●	●
400	●	●
325	●	●

■ Production Range

Mesh size	Blade thickness (mm)				
	0.05 ≤ T < 0.08 *2	0.08 ≤ T < 0.1	0.1 ≤ T < 0.15	0.15 ≤ T < 0.25	0.25 ≤ T < 0.4
4000	●	●	●	●	●
2500	●	●	●	●	●
2000	●	●	●	●	●
1300	●	●	●	●	●
1200		●	●	●	●
1000		●	●	●	●
800			●	●	●
700			●	●	●
600			●	●	●
500			●	●	●
400				●	●
325					●

*2 Available with O.D. below 56D.

■ Bond

YM010	Soft
YM030	Standard
YM050	Hard

YM Series for ceramics

AM030	Standard
AM050	Hard

AM Series for alumina ceramics

■ Ordering the product

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

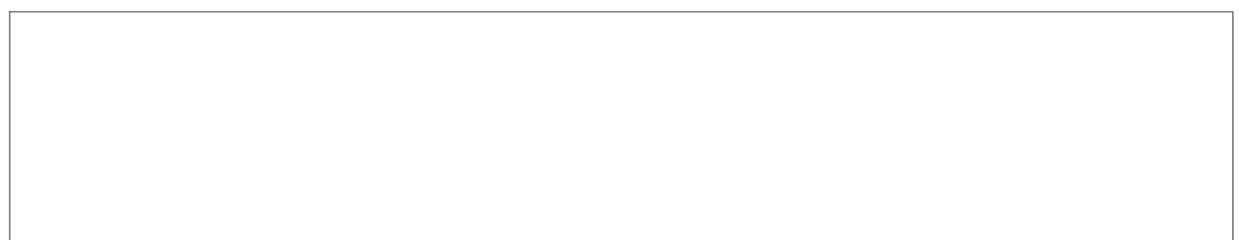
- 1) Shape and size/ Detailed blade shape and precision etc.
- 2) Specifications/ Desired specification as well as the current in-use blade etc.
- 3) Cutting work and condition/ Machine in use, RPM, feed speed, coolant flow rate etc.

■ 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.



TOKYO SEIMITSU CO., LTD.