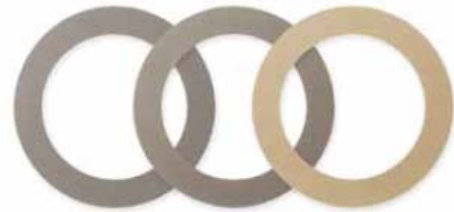


PRECISION ACCRETECH BLADE METAL BOND BLADES YM series



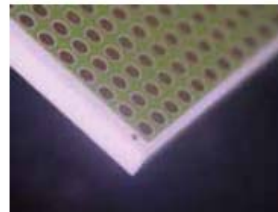
- Metal blade series specialized in the ceramics cutting.
- Higher rigidity than the resin blade allows better straightness and higher-speed cutting.
- Higher wear resistance than the resin blade enables longer life time.



■ Processing example Metal blade (YM series)



■ High quality cutting without cracking on the backside has been realized for the material composed of 99.6% of alumina and considered to be "hard-to-cut."



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

■ Specification

1A8

Shape

MD 400 - 75 YM030

Grit type

Mesh

Concentration

Bond

■ Grit type

MD	Standard grit type
XD	Coating grit type

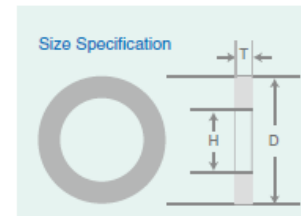
■ Concentration

25 to 125

■ Dimension

Standard Dimension	56D		0.15T		40H			
	O.D.		Blade thickness		I.D.			
	O.D. (mm)		Blade thickness (mm)		I.D. (mm)			
Availability size	50 to 120		Availability size	0.08 to 0.4		Availability size	25.4 to 88.9	
Tolerance	+0.05 -0		Availability size	± 0.005		Availability size	H6	

#325 is ±0.01.



■ Availability by mesh size

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

■ Available blade thickness by mesh size

Mesh size	Blade thickness (mm)			
	0.08 to <0.1	0.1 to <0.15	0.15 to <0.2	0.2 to ≤0.4
4000	•	•	•	•
2500	•	•	•	•
2000	•	•	•	•
1300	•	•	•	•
1200	•	•	•	•
1000	•	•	•	•
800	•	•	•	•
700	•	•	•	•
600	•	•	•	•
500	•	•	•	•
400	•	•	•	•
325	•	•	•	•

■ Bond

YM010	Soft
YM030	Standard
YM050	Hard

