

PRECISION ACCRETECH BLADE METAL BOND BLADES GM series



- Metal blade series specialized in the glass cutting.
- With high rigidity, it can handle the thin blade with great straightness, it can also perform the high-speed cutting.
- Extensive bond lineup can meet the variety of applications.
- Realized higher cutting speed and better cutting quality than the resin blade.



■ Processing example Metal blade (GM series)



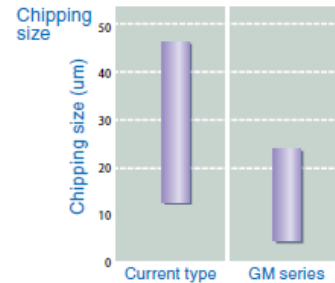
Current type



GM series

■ IR/AR filter glass cutting
Improved backside chipping and peeling enabled higher-speed cutting.

■ Cutting conditions
Glass : 0.2mm
Feed speed : 10mm/sec



■ Specification

1A8

Shape

MD	800	-	75	GM525
Grit type	Grit size		Concentration	Bond

■ Grit type

MD	Standard grit type
XD	Coating grit type

■ Concentration

25 to 125

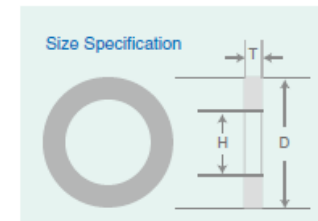
■ Dimension



■ Standard Dimension

O.D. (mm)		Blade thickness (mm)		I.D. (mm)	
Availability size	Tolerance	Availability size	Tolerance	Availability size	Tolerance
50 to 120	+0.05 -0	0.08 to 0.4	±0.005	25.4 to 88.9	H6

#325 is ±0.01.



■ Availability by mesh size

Mesh size	Availability	
	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

GM4 Series		GM6 Series	
GM405	Standard	GM600	Hard
GM410	Soft	GM625	Standard
		GM650	Soft

GM5 Series		GM7 Series	
GM500	Hard	GM700	Hard
GM525	Standard	GM725	Standard
GM550	Soft	GM750	Soft

