

# PRECISION ACCRETECH BLADE METAL BOND BLADES HM series



- High sintering technologies bring out the properties to correspond to the various applications.
- A unique manufacturing processes offer the even distribution of the grit and performance stability.
- Improved the high cutting ability and wear resistance using the special grit.
- Received positive result for the QFN package cutting.



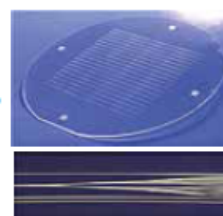
## ■ Processing example Metal blade (HM series)



Cutting by HM046

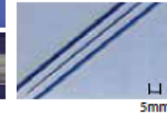
### ■ QFN package cutting

Although resin blade is generally used in this industry, we came to realize the cutting with the metal blade. Try our blades for longer life-te|m.



### ■ PLC cutting (silica glass)

We occupy high share in this cutting field. Our ability of cutting and stability in high quality of blade is highly appreciated.



### ■ Specification

<b>1A8</b>	<b>S</b>		
Shape	Slit		
<b>MD</b>	<b>400</b>	<b>75</b>	<b>HM633</b>
Grit type	Mesh size	Concentration	Bond

### ■ Grit type

MD	Standard grit type
XD	Coating grit type

### ■ Concentration

25 to 125
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### ■ Slit

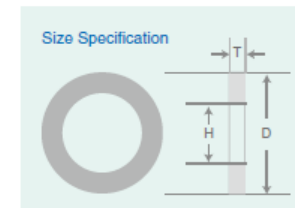
S	Standard type
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### ■ Dimension

<b>58D</b>	<b>0.3T</b>	<b>40H</b>	<b>2D</b>	<b>0.5W</b>	<b>16N</b>
O.D.	Blade thickness	I.D.	Depth of slit	Width of slit	No. of slit
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.

### ■ Standard Dimension



### ■ 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

HM557	↑Soft
HM633	Standard
HM050	↓Hard
HM051	
HM046	
HM060	

