

# PRECISION ACCRETECH BLADE NICKEL BOND BLADES DS type



- High accuracy and high-speed cutting
- High rigidity and high resistance to breakage.
- Excellent cutting ability and effective for burrs restraint.
- 3 concentration levels are available
- Expansion of the application by adding variations to the slit shape.



## ■ Processing example Nickel blade (DS type)



### ■ Through hole cutting example

ACCRETECH A-WD-100A  
UV-TAPE (PET TYPE)  
30,000 1/min  
150mm/sec



### ■ Electrode cutting example

ACCRETECH A-WD-100A  
UV-TAPE (PO TYPE)  
18,000 1/min  
50mm/sec

### ■ Specification

<b>1A8</b> Shape	<b>S</b> Slit	<b>L</b> Lapping	<b>Type</b>	<b>Slit</b>	<b>Lapping</b>
<b>D</b> Grit type	<b>40/60</b> Grit size	<b>MDS</b> Type	HDS High concentration type	S Standard type	L Lapping process
			MDS Standard concentration type	SN Slant type	
			SDS Low concentration type	SW Sawing type	

### ■ Dimension

<b>56D</b> O.D.	<b>0.1T</b> Blade thickness	<b>40H</b> I.D.	<b>2D</b> Depth of slit	<b>1W</b> Width of slit	<b>16N</b> No. of slit
O.D. (mm)		Blade thickness (mm)		I.D. (mm)	
Availability size	Tolerance	Availability size	Tolerance	Availability size	Tolerance
50 to 100	+ 0.02 - 0	0.025 to ≤ 0.05 0.05 to ≤ 0.4	± 0.003 ± 0.005	25.4 to 88.9	H6

\*#325 is ±0.01.

### ■ Availability by grit size

Grit size (um)	Mesh size	H	M	S
2/4	4000	•		
3/5	3500	•		
4/6	2500	•		•
4/8	2000	•		•
5/10	1300	•	•	•
6/12	1200	•	•	•
8/16	1000	•	•	•
8/20	800	•	•	•
12/25	700	•	•	•
20/30	600	•	•	•
30/40	500	•	•	•
40/60	400	•	•	
	325	•	•	

### ■ Available blade thickness by grit size

Grit size (um)	Mesh size	Blade thickness (mm)									
		0.025 to <-0.03	0.03 to <-0.04	0.04 to <-0.05	0.05 to <-0.06	0.06 to <-0.08	0.08 to <-0.1	0.1 to <-0.12	0.12 to <-0.2	0.2 to <-0.4	
2/4	4000	•	•	•	•	•	•	•	•	•	
3/5	3500	•	•	•	•	•	•	•	•	•	
4/6	2500	•	•	•	•	•	•	•	•	•	
4/8	2000		•	•	•	•	•	•	•	•	
5/10	1300			•	•	•	•	•	•	•	
6/12	1200				•	•	•	•	•	•	
8/16	1000					•	•	•	•	•	
8/20	800						•	•	•	•	
12/25	700							•	•	•	
20/30	600								•	•	
30/40	500									•	
40/60	400										
	325										

