

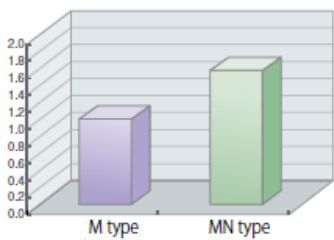
# PRECISION ACCRETECH BLADE NICKEL BOND BLADES MN type



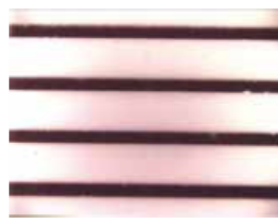
- Based on the standard type, rigidity was upgraded to its limit and straightness was improved.
- Realized a high quality cutting surface by controlling the amount of grit protrusion on the lateral face of the blade.
- Decrease in the grit shedding on the lateral face of the blade contributed to prevent the blade from becoming thinner.
- Effective for the restraint of the cutting powder adhesion on the blade surface
- Cutting ability may improve by the special slit.



## ■ Processing example Nickel blade (MN type)



■ Rigidity comparison  
MN type has realized the rigidity of more than 1.5 times succeeding the standard bond line up and enables the high-speed cutting with ultra thin blade of increasing needs.



■ Green sheet processing example  
MN type enables cutting in good condition even if the intermediate dress frequency is decreased by preventing shape change of blade due to the falling abrasive grains on the side and by minimizing mistakes on and adhesion to the blade.

### ■ Specification

|                       |                           |                    |
|-----------------------|---------------------------|--------------------|
| <b>1A8</b><br>Shape   | <b>S</b><br>Slit          |                    |
| <b>D</b><br>Grit type | <b>40/60</b><br>Grit size | <b>MMN</b><br>Type |

| ■Type |                             |
|-------|-----------------------------|
| HMN   | High concentration type     |
| MMN   | Standard concentration type |
| SMN   | Low concentration type      |

| ■Slit |               |
|-------|---------------|
| S     | Standard type |
| SN    | Slant type    |
| SH    | Half type     |

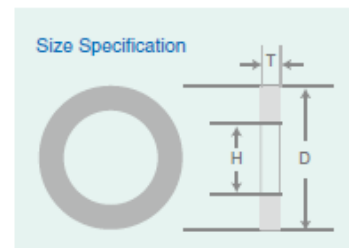
### ■ Dimension

|                    |                                |                    |                            |                            |                           |
|--------------------|--------------------------------|--------------------|----------------------------|----------------------------|---------------------------|
| <b>56D</b><br>O.D. | <b>0.1T</b><br>Blade thickness | <b>40H</b><br>I.D. | <b>2D</b><br>Depth of slit | <b>1W</b><br>Width of slit | <b>16N</b><br>No. of slit |
|--------------------|--------------------------------|--------------------|----------------------------|----------------------------|---------------------------|

### ■ Standard Dimension

| O.D. (mm)         |               | Blade thickness (mm)             |                    | I.D. (mm)         |           |
|-------------------|---------------|----------------------------------|--------------------|-------------------|-----------|
| Availability size | Tolerance     | Availability size                | Tolerance          | Availability size | Tolerance |
| 50 to 100         | + 0.02<br>- 0 | 0.025 to ≤ 0.05<br>0.05 to ≤ 0.4 | ± 0.003<br>± 0.005 | 25.4 to 88.9      | H6        |

\*Note: Our company will select the type of half slit.



### ■ Availability by grit size

| Grit size (um) | Mesh size | HMN | MMN | SMN |
|----------------|-----------|-----|-----|-----|
| 8/16           | 1000      | •   | •   | •   |
| 8/20           | 800       | •   | •   | •   |
| 12/25          | 700       | •   | •   | •   |
| 20/30          | 600       | •   | •   | •   |
| 30/40          | 500       | •   | •   | •   |
| 40/60          | 400       | •   | •   | •   |

### ■ Available blade thickness by grit size

| Grit size (um) | Mesh size | Blade thickness (mm) |               |              |
|----------------|-----------|----------------------|---------------|--------------|
|                |           | 0.05 to <0.06        | 0.06 to <0.12 | 0.12 to ≤0.2 |
| 8/16           | 1000      | •                    | •             | •            |
| 8/20           | 800       | •                    | •             | •            |
| 12/25          | 700       | •                    | •             | •            |
| 20/30          | 600       | •                    | •             | •            |
| 30/40          | 500       | •                    | •             | •            |
| 40/60          | 400       | •                    | •             | •            |

