

## φ58 Offset Series

●From rough grinding to polishing. Long-awaited sizes and exclusive grinders are now available.

| Product Specifications  | CM type (All-Rounder)  |                        | OX type (For Polishing) |                  | UN type (For deburring) |                   |
|-------------------------|--|------------------------|-------------------------|------------------|-------------------------|-------------------|
|                         | Size (mm)  | 58- 5 -9.6             | Size (mm)               | 58- 5 -9.6       | Size (mm)               | 58- 5 -9.6        |
|                         | r.p.m. Usage Limit   | 20,000 r.p.m.          | r.p.m. Usage Limit      | 20,000 r.p.m.    | r.p.m. Usage Limit      | 20,000 r.p.m.     |
|                         | Grit   | 80, 120, 180, 220, 320 | Grit                    | 120, 180,220,320 | Grit                    | WA # 24 ~ WA#6000 |
| Applications            | Removal of rough sanding or grinding marks with belt sander or resinoid in the can manufacturing / sheet metal industry, as well as final buffing.   |                        |                         |                  |                         |                   |
| Applicable Workpieces   | Wide range of materials from cast iron, steel, stainless steel, aluminum, copper, etc. to non-ferrous metals, glass, ceramics, etc.  |                        |                         |                  |                         |                   |
| Product Characteristics | <p>For polishing narrow or curved surfaces that cannot be worked with φ100.</p> <p>Lightweight exclusive grinder s reduce operator burden and improves work efficiency.</p> <p>For removal of machining marks after bead cutting and for thin nuggets of spot welding.</p> <p>For edge deburring of press punched and laser cut surfaces, etc.</p> <p>Also applicable to the edge treatment of plate glass when heat generation measures are taken at low rotational speeds.</p> |                        |                         |                  |                         |                   |

**NEW**



Mini Pneumatic Angle Grinder  
AP-833L-DK



## < IT Cup/Fit Disk > Series

●For operation on flat surfaces such as mold repair and removal of tool marks

| Product Specifications  | IT Cup  |                            | Fit Disk           |  |
|-------------------------|---|----------------------------|--------------------|--|
|                         | Size (mm)   | 30-11-6.3 (M7)             | Size (mm)          | 30-2-10 ※PSA type                        |
|                         | r.p.m. Usage Limit  | 13,000 r.p.m.              | r.p.m. Usage Limit | special rubber pad is available φ 3 axes |
|                         | Grit  | 60, 80, 120, 180, 220, 320 | Grit               | 60, 80, 120, 180, 220, 320               |
| Applications            | For operation on flat surfaces such as mold repair and tool mark removal  |                            |                    |  |
| Applicable Workpieces   | Wide range of materials from cast iron, steel, stainless steel, aluminum, copper, etc. to non-ferrous metals, glass, ceramics, etc.   |                            |                    |  |
| Product Characteristics | <p>For operation on fine flat surfaces.</p> <p>For edge deburring of press punched and laser cut surfaces.</p> <p>In addition to sheet metal, it is also used for deburring gear teeth grinding and rounding the edges of large sized molds.</p> <p>When used at low speeds, the rubber elasticity provides a soft contact and prevents burning.</p> <p>Lightweight grinder improves work efficiency.</p> |                            |                    |  |



Micro Pneumatic Angle Grinder  
AP-123ADK



Micro Pneumatic Grinder  
AP-093ADK



IT Cup



Fit Disk

### ■ Precautions for using the rubber grinding stone safely and correctly

Elasticity of rubber greatly differs from general elasticity. It deforms according to the load and the amount of deformation is large. It is very dangerous if used in the same manner as general grinding stones and cutting tools.

●Make sure to observe the maximum allowable rotation speed for use.●Attach the whetstone to the grinder or other device correctly.●Before starting work, check the external appearance of the grinding stone for cracks, ruptures or chips. Rotate it safely and slowly to see if there is any vibration or abnormality.●Do not apply load quickly because the rubber has elasticity.●Some sparks may be generated on the dust. Install a shielding plate or dust protection equipment and provide adequate ventilation. ●During work, wear protective equipment such as dust masks, safety glasses, protective gloves and safety shoes.●Store the product in a well-ventilated, cool and dark place. Avoiding direct sunlight, ultraviolet rays, radioactive rays, ozone, high temperature and high humidity.●When subdividing grinding stones, show the maximum allowable rotation speed and hand over the safety instructions so that the worker fully understands it before use.

※The color of the product on this leaflet may slightly differ from the actual ones. Design, specification, appearance etc. of the product may be changed without prior announcement.

Try samples ! Feel free to contact us.

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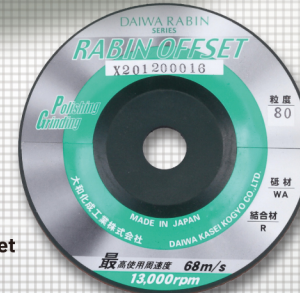
Daiwa Rabin

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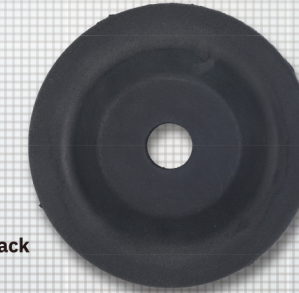
# DAIWA RABIN Offset Series



Mini Pneumatic Angle Grinder  
AP-833L-DK



Rabin Offset



UN Black



GWO Series



RNF Series



RNF Series



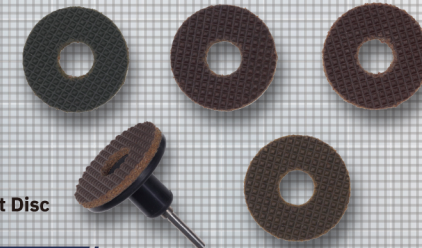
φ 58 Series



Micro Pneumatic Angle Grinder  
AP-123ADK



Micro Pneumatic Grinder  
AP-093ADK



Fit Disc

**High grinding ability and durability !**

Various offset grinding stones are available for different applications.

DAIWA RABIN  
S E R I E S





# DAIWA RABIN Offset Series

Excellent performance in a variety of work conditions from rough grinding , heavy-duty grinding to polishing.

The Daiwa Rabin Offset Series uses Daiwa Rabin's high-performance rubber between the grinding stone and the base, which absorbs vibration better than conventional flap discs and flexible grinding stones, reducing dust, dirt, and noise at the work site.

It can also be used for various applications such as metal, aluminum, stainless steel, glass, etc., as it demonstrates the performance unique to rubber grinding stones, such as preventing stress and burns caused by heat generation due to prolonged use.

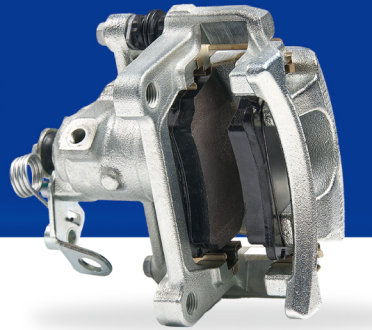


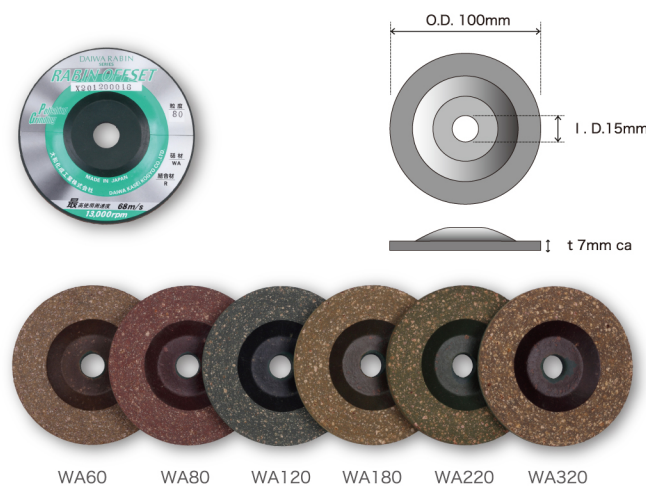
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Six types of offset rubber grinding stones are available for polishing, cutting, and various usage scenarios

## Rabin Offset < φ100 series >

- Long-selling Offset Daiwa Rabin, which can cut and polish, is good for hard mold materials, aluminum, and other workpieces prone to clogging.

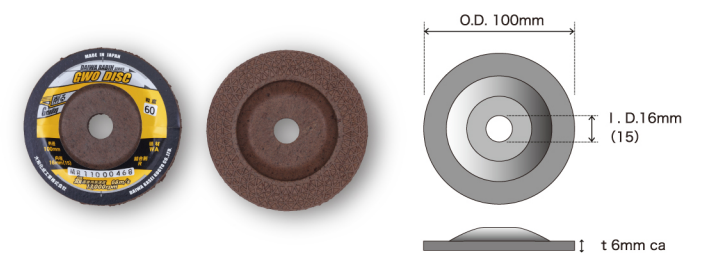
|                         |  |                                 |
|-------------------------|--|---------------------------------|
| Product Specifications  | Size(mm)   | 100 - 7 - 15                    |
|                         | r.p.m. Usage Limit   | 13,000 r.p.m.                   |
|                         | Grit   | WA #60 #80 #120 # 180 #220 #320 |
| Applications            | Removal of rough sanding or grinding marks with belt sander or resinoid in the can manufacturing / sheet metal industry, as well as final buffing. |                                 |
| Applicable Workpieces   | Wide range of materials from cast iron, steel, stainless steel, aluminum, copper, etc. to non-ferrous metals, glass, ceramics, etc.                |                                 |
| Product Characteristics | New rubber composition greatly increases grinding power.   |                                 |
|                         | Suitable for removal grinding of machining marks after bead cutting and for thin nuggets of spot welding.  |                                 |
|                         | For edge deburring of press punched and laser cut surfaces.  |                                 |
|                         | In addition to sheet metal, it is also used for deburring gear teeth grinding and rounding the edges of large size molds.                          |                                 |
|                         | When used at low speeds, the rubber elasticity makes the contact soft and prevents burning.  |                                 |
|                         | Also applicable to the edge treatment of plate glass when heat generation measures are taken at low rotational speeds.                             |                                 |



## GWO Series < Offset rubber grinding stone for heavy-duty grinding operations >

- Resinoid and flap disc processes can be performed in one process φ 1 6 → 1 5 compatible

|                         |   |                           |
|-------------------------|---|---------------------------|
| Product Specifications  | Size(mm)  | 100-6-16(15)              |
|                         | r.p.m. Usage Limit  | 13,000 r.p.m. 68m/s       |
|                         | Recommended r.p.m.  | 7,000~8,000 r.p.m.        |
|                         | Grit  | WA # 46, #60 , #80 , #120 |
| Applications            | Weld bead removal, burr/edge treatment, painting/plating removal, heavy rust removal, etc.  |                           |
| Applicable Workpieces   | Wide range of materials from cast iron, steel, stainless steel, aluminum, copper, etc. to non-ferrous metals, glass, ceramics, etc. |                           |
| Product Characteristics | New rubber composition greatly increases grinding power.  |                           |
|                         | Does not leave deep scratches due to the unique properties of rubber.   |                           |
|                         | Unique pattern prevents burning.  |                           |
|                         | Reduces process and cost due to less secondary burrs after deburring.   |                           |
|                         | High durability, cost reduction through process reduction.  |                           |



### ⚠ Attention !

Use with an angle grinder  
Operate in low-angled ( 10 to 15 ° ) not in steep angled .



Operate with an enclosed adapter.



## UN Black < Completely New Offset rubber grinding stone for heavy-duty grinding # 24 ~ >

- Is this a rubber grinding stone? Amazing cutting power like never before! Minimizes the damage to workpieces. (Please contact our sales department for details)

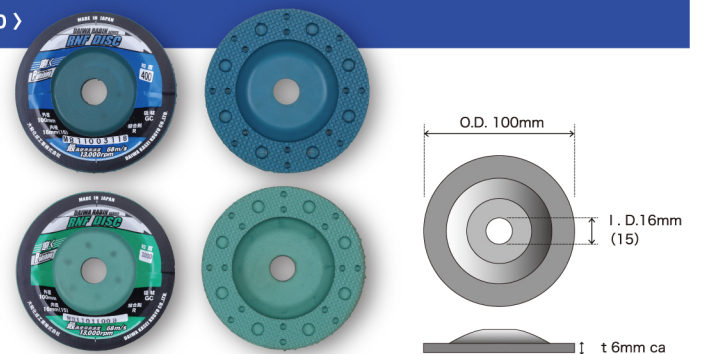
|                         |   |                                 |
|-------------------------|---|---------------------------------|
| Product Specifications  | Size(mm)  | 100 - 6 - 16 (15)               |
|                         | r.p.m. Usage Limit  | 13,000 r.p.m.                   |
|                         | r.p.m. Usage Limit  | 7,000~8,000 r.p.m.              |
|                         | Grit  | # 24, #46, #60, #80, #120, #220 |
| Applications            | Weld bead removal, burr/edge treatment, painting/plating removal, heavy rust removal, etc.  |                                 |
| Applicable Workpieces   | Wide range of materials from cast iron, steel, stainless steel, aluminum, copper, etc. to non-ferrous metals, glass, ceramics, etc. |                                 |
| Product Characteristics | Special rubber composition improves grinding power and eliminates the smell characteristic of rubber.                               |                                 |
|                         | Durability is also greatly improved (20% higher than original Rabin Offset)   |                                 |
|                         | Reduces damage to workpieces and significantly reduces heat generation.   |                                 |
|                         | As with other offset products, process and cost reductions can be achieved.   |                                 |



## RNF series < Offset rubber grinding stone for polishing up to #1000 >

- Gloss is produced even from 2B material in a single process. No corner sagging. φ 1 6 → 1 5 compatible

|                         |   |                     |
|-------------------------|---|---------------------|
| Product Specifications  | Size(mm)  | 100-6-16(15)        |
|                         | r.p.m. Usage Limit  | 13,000 r.p.m. 68m/s |
|                         | Recommended r.p.m.  | 7,000~8,000 r.p.m.  |
|                         | Grit  | GC #400 , #1,000    |
| Applications            | Gloss finishing, scratch and rust removal, deburring, paint/plating removal, weld burn removal, etc.  |                     |
| Applicable Workpieces   | Wide range of materials from general metals, cast iron, steel, stainless steel, aluminum, copper alloys, brass and other non-ferrous metals, glass, and ceramics. |                     |
| Product Characteristics | Shortens polishing operation with good grinding power.  |                     |
|                         | Continuous operation with less clogging.  |                     |
|                         | Fits to workpieces with a light touch.  |                     |
|                         | Polished surface without buffing marks. / Unique pattern prevents burns.  |                     |
|                         | No need to clean up oil and grease abrasive residue.  |                     |
|                         | Ideal for sanitary equipment.   |                     |
|                         | Significantly reduces dust and noise.   |                     |



### ⚠ Attention !

Use with an angle grinder  
Operate in low-angled ( 10 to 15 ° ) not in steep angled .



Operate with an enclosed adapter.

