

## Φ58 Offset series · Exclusive Pneumatic Angle Grinder

### ●Φ58 Offset CM / OX / UN

From rough grinding to polishing. For working on narrow parts.

Product specifications	CM type (all-rounder)		OX type (for polishing)		UN type (deburring ~ super finishing)	
	Size (mm)	58-5-9.6	Size (mm)	58-5-9.6	Size (mm)	58-5-9.6
	Max. R.P.M.	20,000 r.p.m.	Max. R.P.M.	20,000 r.p.m.	Max. R.P.M.	20,000 r.p.m.
	Grain · Grit	WA#80, #120, #180, #220, #320	Grain · Grit	WA#120, #180, #220, #320	Grain · Grit	WA#24 ~ WA#6000
Applications	Removal of tool marks of belt sander or resinoid etc., finishing in the can manufacturing / sheet metal industry.					
Applicable workpieces	Wide range of materials from cast iron, steel, stainless steel to non-ferrous metals such as aluminum, copper etc. and also glass, ceramics.					
Product characteristics	For polishing narrow parts or curved surfaces that cannot be worked with Φ100					
	Light weight exclusive grinder is available to improve work efficiency					
	For removal of machining marks after bead cutting and for thin nuggets of spot welding					
	For edge deburring of press punched and laser cut surfaces etc.					
Also applicable to the edge treatment of plate glass when heat generation measures are taken at low rotation speeds						

### ●Mini Pneumatic Angle Grinder / AP-833L-DK

Recommended ▷ Φ58 Rabin Offset series

Product specifications	Model	AP-833L-DK
	No-load rotation speed	20,000 ~ 21,000 rpm
	Weight	0.53 kg
	Full length(mm)	140mm
	Noise	<84dBA
	Spindle size	M6×1.0P With 9.5mm
	Output	0.25 HP (0.18 Kw)
	Material	Aluminum alloy
	Air consumption	7.0 L / min. or 2.5 CFM
Air inlet screw size	1/4"PT	
Compatible Daiwa rabin	Φ58 Rabin Offset	
Product characteristics	Mini grinder with small turning radius.	
	Compatible with Φ58 Rabin Offset	
	High torque	



### ■ 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. •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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# Rabin Offset Series



Φ58 Series CM/OX/UN

Rabin Offset CM  
Rabin Offset GWO  
Rabin Offset SD  
Rabin Offset PRA-S



Mini Pneumatic Angle Grinder  
AP-833L-DK

**High grinding ability and durability!**

Various offset grinding stones are available for different applications

# Rabin Offset Series

## From rough grinding to polishing Excellent performance in a variety of work conditions

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.



### Application guidance

	Removing black scale	Removing heavy rust	Removing burn after welding	Stripping paint film	Removing rust	Scratches on stainless steels	Removing burn	Small scratches	Finishing and others
WA Grain	SD # 46 CM #60/GWO #24 ~ #60								
	SD # 80 CM #80/GWO #80								
	SD # 120 CM #120/GWO #120								
			SD # 180 CM #180/GWO #180						
				SD # 240 CM #220/GWO #220					
					SD # 360 CM #320/GWO #320				
GC Grain	PRA-S #46, #60, #80, #120, #180, #220, #320, #500, #600, #1000								

## We can offer the most suitable offset product for every scenes.

### Rabin Offset CM [Powerful, Smooth Grindability]

- Offset version of "CM type" which represents Daiwa Rabin, long-selling product  
Applicable to wide range of materials from hard mold metal to materials prone to clogging such as aluminum etc.

Product specifications	Size(mm)	100 - 7 - 15
	Max. R.P.M.	13,000 r.p.m.
	Grain · Grit	WA-CM #60, #80, #120, #180, #220, #320
Applications	Removal of scratches (tool marks of belt sander or resinoid etc. in the can manufacturing / sheet metal industry) / burn after welding / heavy~light rust / black scale, Finishing, Stripping paint film, Edge deburring of press punched and laser cut surfaces, Edge treatment of plate glass at low rotation speed etc.	
Applicable workpieces	Wide range of materials from cast iron, steel, stainless steel to non-ferrous metals such as aluminum, copper etc. and also glass, ceramics.	
Product characteristics	Adopted the cohesive-grain as well as "CM type" which is the synonym of Daiwa Rabin	
	The highest grinding efficiency in Rabin Offset series	
	Fit to a workpiece thanks to the elasticity of the spring material	



### Rabin Offset SD [Durable, Fine Finishes]

- Achieving higher durability and finer finishes without sacrificing Rabin's grinding efficiency

Product specifications	Size(mm)	100-4.8-16(15)
	Max. R.P.M.	12,000 r.p.m.
	Grain · Grit	WA #46, #80, #120, #180, #240, #360
Applications	Removal of rust / scratches on stainless steel / burn / small scratches, finishing etc. Also recommendable as an alternative to PVA grinding stone.	
Applicable workpieces	Steel, stainless steel, non-ferrous metal, brass, glass, stone material etc.	
Product characteristics	High durability, Fine finishes / The rubber elasticity contributes to smoother finishes	
	Less clogging tendency thanks to superior self-regenerating function, which enables to consecutive operation	
	Fit to a workpiece with a light touch / No worries about rubber smell	



### Rabin Offset GWO [Powerful, Durable]

- Adopted WA-CM grain※ which is well-known for CM type, Available from #24 for rough grinding  
Durability was also improved (※Cohesive-grain originally developed by Daiwa Rabin)

Product specifications	Size(mm)	100-4.8-16(15)
	Max. R.P.M.	13,000 r.p.m.
	Grain · Grit	WA-CM #24, #30, #36, #46, #60, #80, #120, #180, #220, #320
Applications	Removal of scratches (tool marks of belt sander or resinoid etc. in the can manufacturing / sheet metal industry) / burn after welding / heavy~light rust / black scale, Finishing, Stripping paint film, Edge deburring of press punched and laser cut surfaces, Edge treatment of plate glass at low rotation speed etc.	
Applicable workpieces	Wide range of materials from cast iron, steel, stainless steel to non-ferrous metals such as aluminum, copper etc. and also glass, ceramics.	
Product characteristics	Adopted the cohesive-grain as well as "CM type" which is the synonym of Daiwa Rabin	
	High grinding efficiency	
	#24 ~ #320 are available for wide usage	



### Rabin Offset PRA-S [GC Grain, Smooth Grindability, Fine Finishes]

- Achieving finer finishes without sacrificing Rabin's grinding efficiency  
Applicable to mirror finishing with the lineup up to GC#1000

Product specifications	Size(mm)	100-4.8-16(15)
	Max. R.P.M.	12,000 r.p.m.
	Grain · Grit	GC #46, #60, #80, #120, #180, #220, #320, #500, #600, #1000
Applications	Removal of rust / scratches on stainless steel / burn / small scratches, finishing etc. Also recommendable as an alternative to PVA grinding stone.	
Applicable workpieces	Steel, stainless steel, non-ferrous metal, brass, glass, stone material etc.	
Product characteristics	Excellently high durability and fine finishes	
	Higher durability and grinding efficiency compared to PVA grinding stones	
	Fit to workpiece with a light touch / No worries about rubber smell	

