

NEWS LETTER

ALFA MIRAGE CO., LTD.

Diamond Grinding

Feature of Diamond Grinding

Diamond grinding stones & wheels are made of diamond particles and are harder than ordinary grinding stones.

This makes it easier to grind & shape hard materials such as ceramic and steel.

“**Electroplated**” & “**Resin bond**” types of Diamond Grinding wheels are mainly used in jewelry making.

“Electroplated”

Diamond abrasive grains bonded by nickel plating; have excellent sharpness. But surface roughness is large and easily peels off, resulting in a short life.

“Resin bond”

Diamond abrasive grains are sintered with resin bonds to produce a cutting wheel with excellent sharpness. Each time abrasive grains are worn, they are replaced by new grains, resulting in a very high life span.

It is less likely to get clogged than an electroplated diamond, and its life is longer and the sharpness does not fade away.

<CROSS-SECTIONAL VIEW>

“ELECTROPLATED”



DIAMOND GRAIN

“RESIN BOND”



DIAMOND GRINDING MOUNTED WHEEL



DIAMOND GRINDING MOUNTED WHEEL

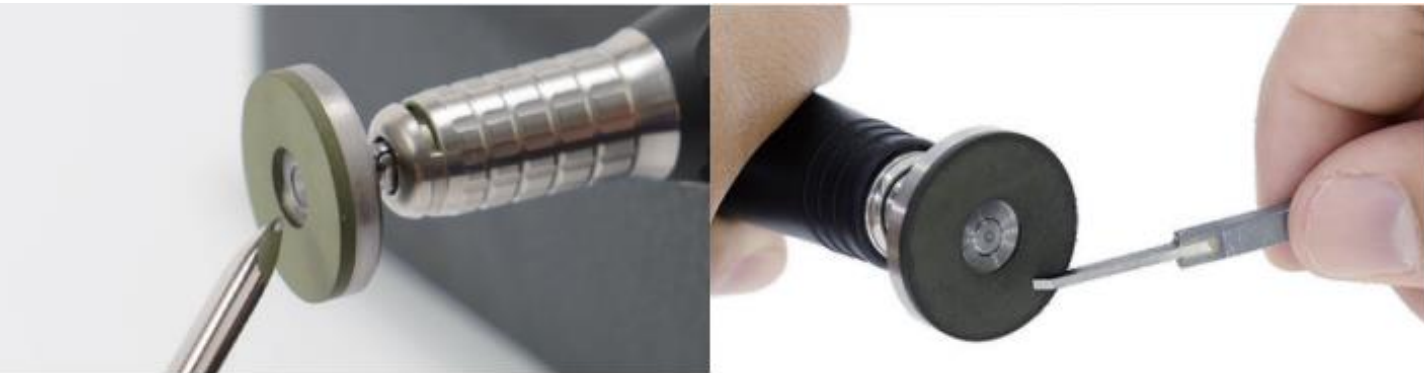
Can be used with micro grinder or flex shaft directly with shaft diameter 2.35mm. Diamond parts are resin-bonded and last longer than electroplated diamond. Good for sharpening, shaping, smoothing your carbide tools, hardened metal, knife, ceramic and stainless steel etc. Easy, faster, clean sharpening of your tools with mounted diamond grinding wheel.

Item Code	304-440	304-441	304-442	304-443
Grit	#400	#800	#1500	#3000
Max. speed	9000 rpm			
Dimensions	φ 25 x 8 x 2.35 mm (Diamond thickness approx. 1.5 mm)			
Made in Japan				

Easy, faster, clean sharpening of your tools with the mounted diamond grinding wheel.

It can be used with your micro grinder or flex shaft with a shaft diameter of 2.35 mm.

Good For Sharpening, shaping, and smoothing your carbide tools, hardened metal, knife, ceramic and stainless steel, etc.



Long-Lasting & Resin bonded

Unlike diamond sheets, diamond parts have a 1.5mm thickness like grindstone.

The diamond part is **resin-bonded**, which can be used longer than ordinary diamond electroplated grinding wheels and features a beautiful finish.



1.5mm thickness of diamond parts.
It lasts longer than diamond sheets.

DIAMOND GRINDSTONE TOISHI



Diamond Grindstone TOISHI

DIAMOND GRINDSTONE TOISHI

Sintered diamond grindstone for sharpening Carbide & HSS gravers, knife, ceramic etc. These can be used to shaping, adjusting the metal tools as well. Available grits #3000 and #6000.

Item Code	304-350	304-351
Model	Toishi #3000	Toishi #6000
Dimensions	70 x 20 x 10 mm / Diamond thickness approx. 1 mm	
Made in Japan		

Diamond particles are sintered with **resin bonds** for a smooth finish and long life. Very compact.

<https://www.youtube.com/watch?v=-l12oxC1NsM>



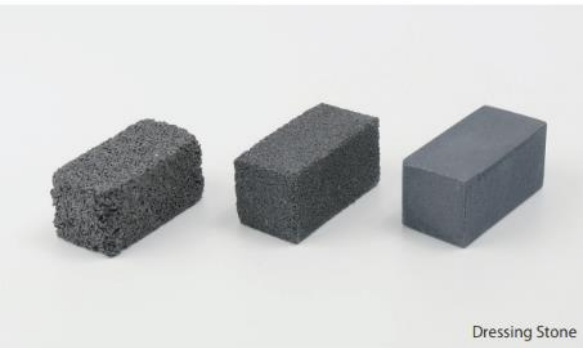
Diamond grindstone TOISHI/ Sharpening blade

3000 = item code: 304-350 # 6000 = item code: 304-351 Dimensions = 70 x 20 x 10 mm / Diamond thickness approx. 1 mm Sintered diamond grindstone for sharpening Carbide & HSS gravers, knife, ceramic etc. These can be used to shaping, adjusting the metal tools as well. Available grits # 3000 and # 6000. Made in ...

www.youtube.com

Related items

DRESSING STONE



DRESSING STONE

Reshape the points for smooth surface or finer tip etc. Also good for cleaning and exposing the fresh abrasive particles.

Item Code	304-458	304-459	304-460
Model	Coarse	Medium	Smooth
Material	Silicon Carbide		
Dimensions	25 x 25 x 50 mm		

Points can be shaped like this to polish hard-to-reach or small areas.



SANDING RUBBER SABITO-RU



Sanding Rubber SABITO-RU

AMC ULTRA SCRATCH REMOVER



AMC Ultra Scratch Remover

<https://www.youtube.com/watch?v=vWkcwHfb5TI>



AMC Ultra Scratch Remover USR-5/ Polish for plastic, resin, acrylic and metals

AMC Ultra Scratch Remover USR-5 item code: 601-117 Model = USR-5 Contents = 28 g Use for = Metal, Plastic, Resin etc Do you have small scratches on your plastic wa...

www.youtube.com

POLISHING PASTE GLANOL



Polishing Paste Glanol

SANDING RUBBER SABITO-RU

Making satin finish surface by rubbing off like eraser. Also, they can remove dirt or make surface smooth. Used widely in watch and jewelry market as well as home cleaning appliance.

Item Code	304-412	304-411	304-410
Model (Grit)	#320 (Fine)	#120 (Medium)	#46 (Rough)
Weight / Dimensions	40 g / 65 x 40 × 10 mm		
Made in Japan			

AMC ULTRA SCRATCH REMOVER

Best solution for removing small scratches. Just apply it and wipe with soft clothes. Ultra-fine abrasive gives high luster finish just like a new. Very popular in the watch industry and often used for polishing watch windshields and watch bands. Suitable for the plastic, resin, metal, and acrylic glass. It also works well for soft materials like plastic as well as precious metal, gold, silver, PT and stainless.

Item Code	601-117
Model	USR-5
Contents	28 g
Use for	Metal, Plastic, Resin etc
Made in Japan	

POLISHING PASTE GLANOL

Put a drop of Glanol on a dry cloth and clean gold, silver, etc. It is not only giving lustering but also serving as an antioxidant. During the production process, some people use for polishing, but others for cleaning up to get the dirt and rust away.

Item Code	601-046
Contents	100 g
Cleaning Method	Wipe out with soft cloth

FOR FURTHER INFORMATION & INQUIRY, PLEASE CONTACT:

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YouTube: <https://www.youtube.com/channel/UCUFqrHqcGI1SkFWdfCWapaA/videos>

Instagram: <https://www.instagram.com/amcitems/>



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