

METAL EDGE GRINDING WHEEL



Advantages

- Various groove shapes can be designed.
- Grinding with uniform chamfer width (excellent rigidity)
- Strong groove shape retention.
- Product 1ea enables multi-stage grinding (rough / fine grinding)

Application

- LCD & OLED Panel, glass edge grinding

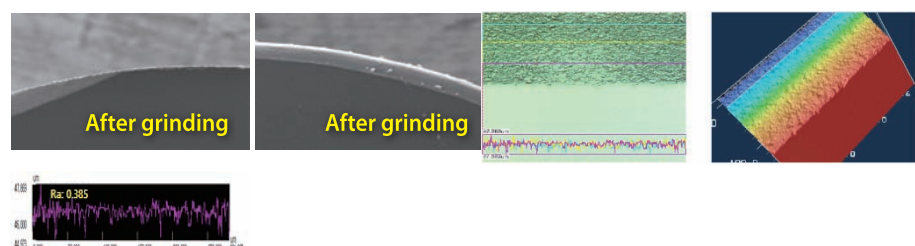


Available Product Spec.

Type	Diameter	Thickness	Grit Size	Groove
MD-DW	Φ5 ~ Φ50	5 ~ 20mm	#325 ~ #2000	Metal
MD-1FF6Y	Φ50 ~ Φ200	5 ~ 80mm		

Performance Data

Applicaton	Edge Strength	Life Time	Chipping Size
15" Panel grinding	120~130 (Mpa)	100 (cell/groove)	< 30μm



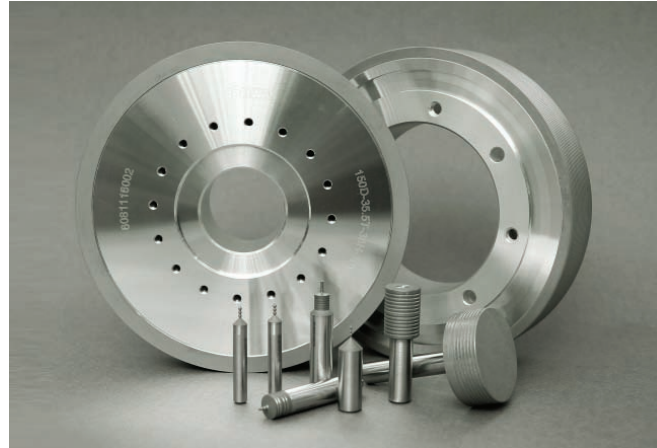
EHWA DIAMOND IND. CO. LTD.

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ELECTROPLATED EDGE GRINDING WHEEL

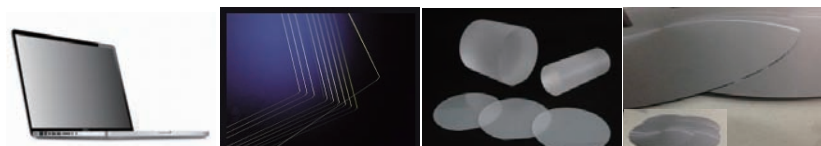


Advantages

- Due to the precision plating technology, EHWA electroplated wheel has excellent precise dimension and no non uniform profile happens.
- Superior grinding quality through optimized configuration of diamond grit size and concentration
- Double mesh wheel, Triple mesh wheel (Rough & Fine grinding)

Application

- LCD Panel, OLED Panel, Smart Phone Cover glass, Sapphire and Silicon wafer edge grinding



Available Product Spec.

Type	Diameter	Grit size	Bond type
ED - DW	Φ 0.5 ~ Φ 40	#100 ~ #1500	plating
ED - 1FF6Y	Φ20 ~ Φ300		

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SEMICONDUCTOR / DISPLAY / SOLAR & LED



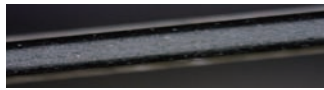
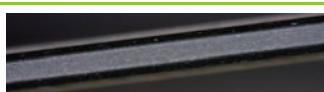
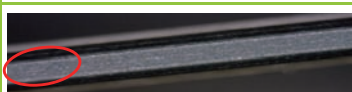
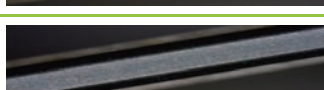
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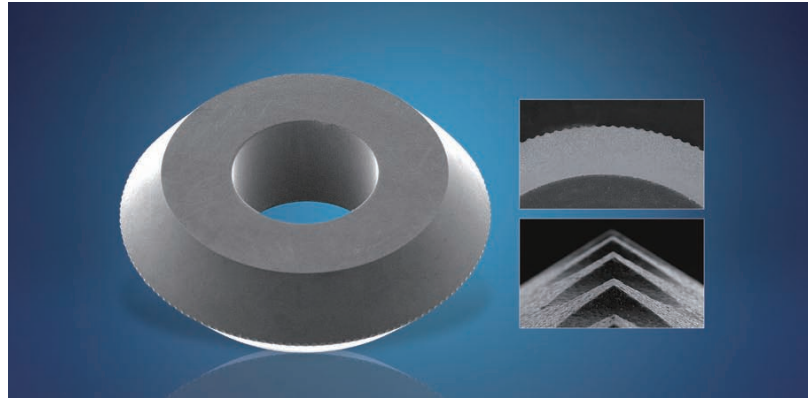
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Performance Data

	EHWA	Competitor's
325 Mesh		
400 Mesh		
600 Mesh		
800 Mesh		
1000 Mesh		

SCRIBING WHEEL



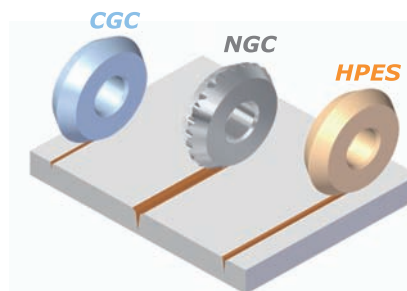
Advantages

- Stable performance through automatic manufacturing system
- Excellent edge strength of glass (minimum defects)
- Applicable in various thickness of glass

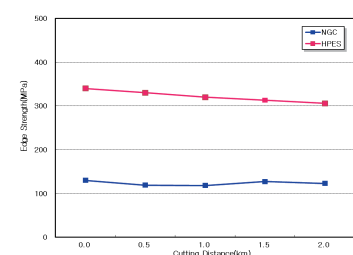
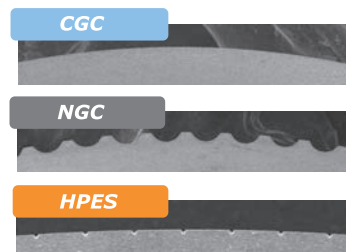
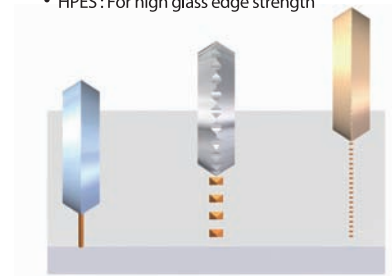
Specifications & Applications

Glass thickness(mm)	Angle	Number of notches	Depth of notches	Application
1.0~	125°~150°	80~140	9~15	Automobile, Solar cells
0.5~	115°~125°	135~140	10	TFT_LCD Glass
0.4~	105°~115°	135~170	5.5~10	PDP Glass (For TV, Monitor)
0.3~	100°~110°	150~400	3.5~7	TFT LCD Glass
0.2~	95°~105°	200~600	2~3	AMOLED Glass (For mobile)
~0.2	90°~100°	50~720	1.5~3	FPD, Mobile cells

Performance Data



- CGC : Stable scribing for brittle materials
- NGC : Effective scribing created by deep vertical crack even without breaking
- HPES : For high glass edge strength



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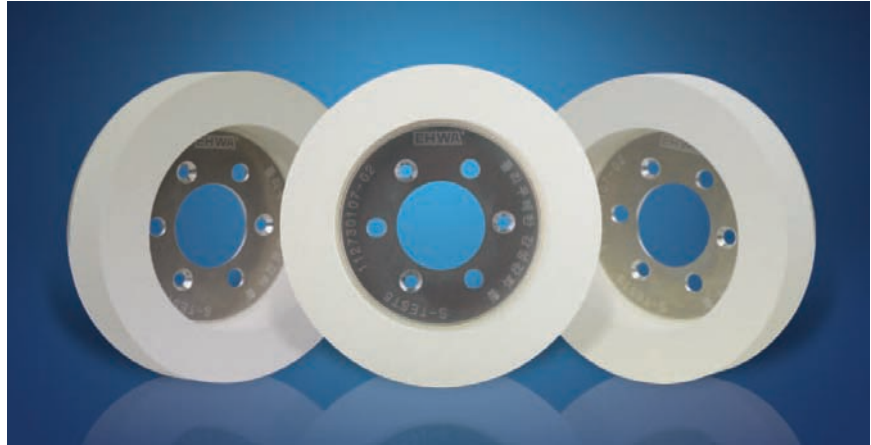
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EDGE POLISHING WHEEL



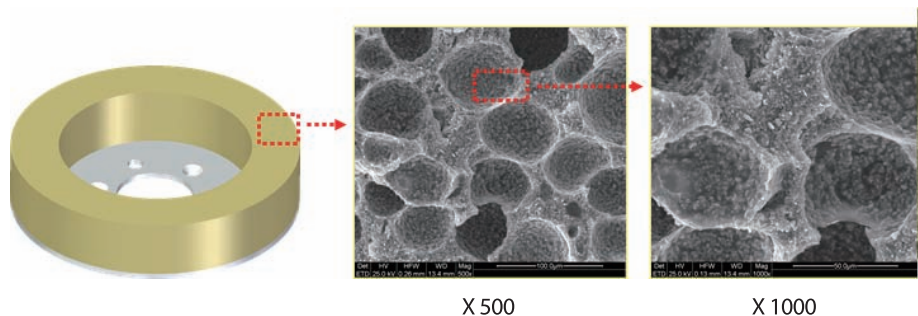
Advantages

- Higher removal rate than competitor's wheel (High throughput)
- Superior surface roughness (stronger edge strength)
- Longer life time (Low Cost of Consumables and Reduced wheel change time)

Application

- LCD panel for mobile
- OLED panel

Available Product Spec.



150D-40H-33T

Polyurethane + Cerium Oxide thickness : 30T

Body thickness : 3T

X 500

X 1000

Polyurethane + Cerium Oxide