



SAINT-GOBAIN

WINTER

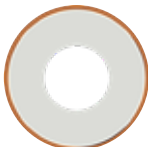
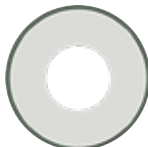
Transforming
surfaces
...and beyond

DICING BLADES

- EXCELLENT DICING PERFORMANCE
- GOOD QUALITY CONTROL
- FULL SERIES PRODUCTS
- DESIGN AND OPTIMIZING CAPABILITY
- SHORT LEAD TIME
- LOCAL TECHNICAL SUPPORT

PREMIUM DICING BLADES FOR CUTTING AND SLOTTING

Norton dicing blades allow for excellent cutting quality, and long product life. The blades are designed with premium quality abrasive grains and advanced bond systems for superior and consistent performance on different applications.

	Metal bond No steel core	Metal bond Steel core	Resin bond No steel core	Resin bond Steel core	Nickel bond Hubless blades	Nickel bond Hub blades
Product appearance						
Application	- Semiconductor materials - Optical glass - Ceramic materials - Metal materials - Magnetic and other materials		- Semiconductor materials - Optical glass - Ceramic materials - Metal materials - Other materials		- Semiconductor wafers - Semiconductor packages - Ceramics materials - Other materials	
Features	- High strength and stiffness - Long life and consistency; - Recommended for applications needed straight cuts and large blade exposure		- Free cutting and self-sharpening; - Suitable for hard and brittle materials - Recommended for applications requiring good cutting quality		- Best stiffness and blade life - Ultra-thin thickness - Recommended for semiconductor wafers and semiconductor packages	
General shape	1A8, 1A8S	1A1, 1A1R, 1A1S, 1A1RS	1A8, 1A8S	1A1, 1A1R, 1A1S, 1A1RS	1A8, 1A8S	3A1, 3A1S
Diameter (mm)	10 ~ 200	30 ~ 400	50 ~ 153	50 ~ 400	50 ~ 120	50 ~ 58
Thickness (mm)	0.05 ~ 4.00	0.25 ~ 6.00	0.06 ~ 4.00	0.20 ~ 6.00	0.02 ~ 0.50	0.01 ~ 0.12
Thickness tolerance (mm)	±0.002 / ±0.005	±0.010 / ±0.020	±0.005 / ±0.008	±0.010 / ±0.020	±0.005 / ±0.010	±0.005 / ±0.010
Other dimension		Abrasive layer height 3~10mm		Abrasive layer height 2~15mm		Exposure 0.25 ~ 2.50 mm
Grain grit size	100# ~ 3000#	100# ~ 3000#	100#~2000#	100# ~ 2000#	200# ~ 4000#	320# ~ 5000#
Grain type	Diamond / CBN					
Concentration	25 ~ 150					
Slot number	0, 4, 8, 16, 32, 64					
Bond hardness	Low / Medium / Hard					
Remark	Accept customization for special requests					



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www.electronics.saint-gobain.com/

www.saint-gobain-abrasives.com
www.youtube.com/NortonAbrasivesEMEA

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