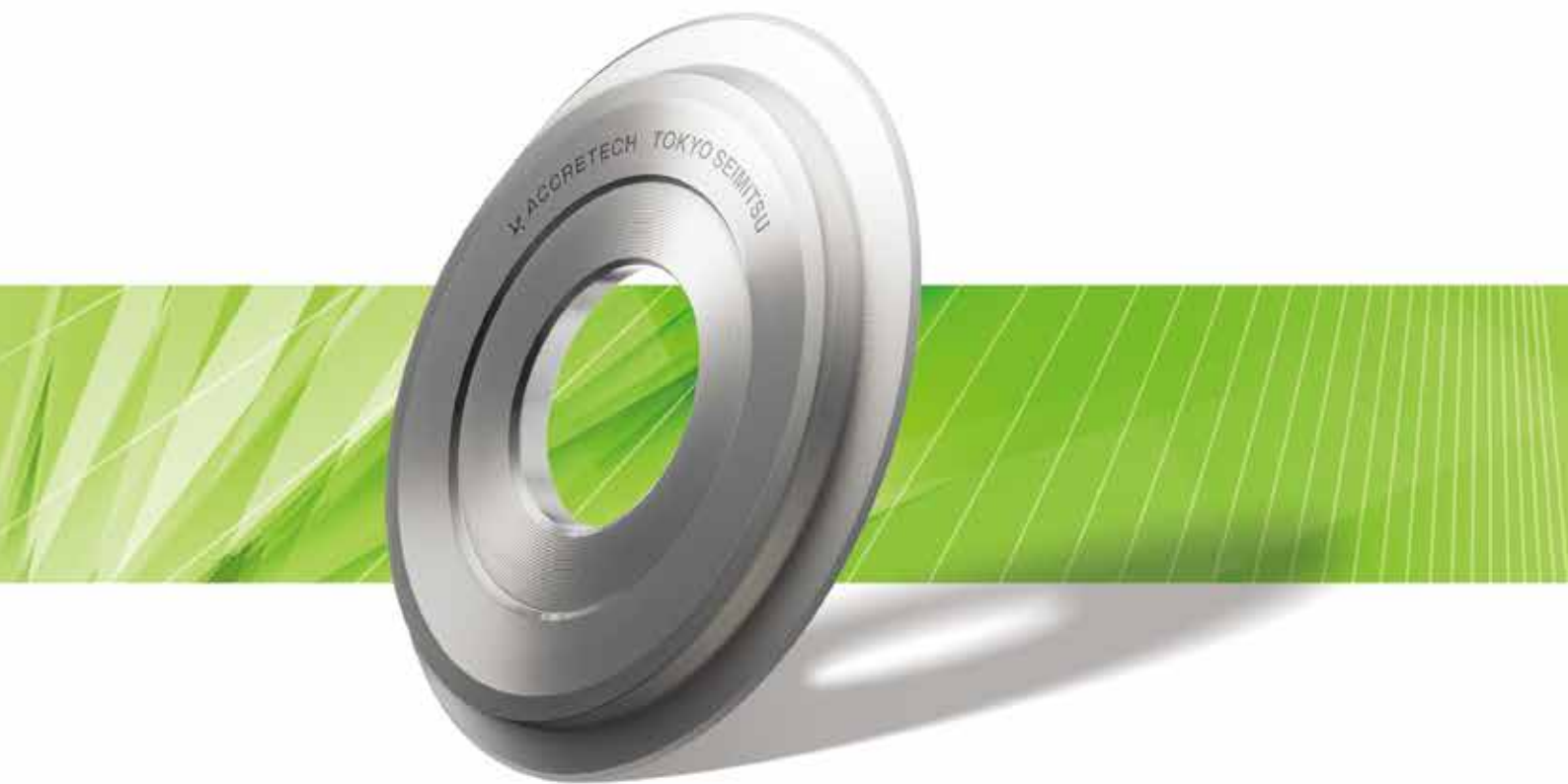


PRECISION ACCRETECH BLADE
HUB TYPE BLADES
FTB/CCB series



Higher speed and longer life.
Hub type blade that can satisfy this simple demand with high dimension.
Actual use of the blade will prove its genuine cutting quality.

- Pursued the reduction of chipping and high speed cutting.
- A unique plating technology provides for even distribution of the grit and performance stability.
- Extensive lineup can meet the variety of demands.
- By combining, it can cope with variety of cutting, from the step cutting to the full cutting.



■ Processing example Hub type blade (FTB/CCB type)



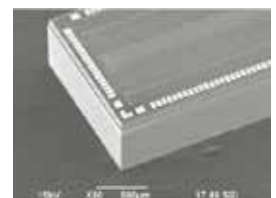
■ Backside chipping (Si wafer)



■ Saw mark (Si wafer)



■ Blade surface after processing



■ LCDD cutting example



■ Specification and Notation

FTB	Q	35	20	64
Type	Bond	Grit size	Kerf width	Blade exposure

■ Type

FTB	Standard
CCB	Excellent rigidity

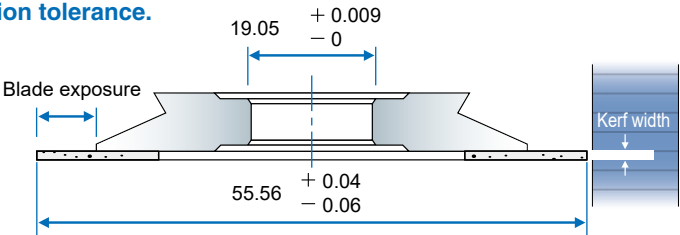
■ Bond

R	Hard
Q	Standard
A	Medium-soft

■ Availability by grit size

Grit size (um)	Notation	Bond			Kerf width (mm)
		Q	R	A	
1/3	13	●			0.015~0.060
2/4	24	●	●		
3/5	35	●	●	●	0.020~0.060
4/6	46	●	●	●	

■ Figure shows dimension tolerance.



Blade exposure (mm)						
		0.380 ~ 0.510	0.510 ~ 0.640	0.640 ~ 0.760	0.760 ~ 0.890	0.890 ~ 1.020
Kerf width (mm)	0.015 ~ 0.020	1538				
	0.020 ~ 0.025	2038	2051	2064		
	0.025 ~ 0.030		2551	2564	2576	
	0.030 ~ 0.035		3051	3064	3076	3089
	0.035 ~ 0.040			3564	3576	3589
	0.040 ~ 0.050			4064	4076	4089
	0.050 ~ 0.060				5076	5089

■ Ordering the product

When ordering our product, please refer to our catalog and let us know the details of the product as below.

- 1) Shape and size/ Detailed blade shape and precision etc.
- 2) Specifications/ Desired specification as well as the current in-use blade etc.
- 3) Cutting work and condition/ Machine in use, RPM, feed speed, coolant flow rate etc.

■ Precautions

In order to use the product safely and to bring out the best of the blade's performance, please make sure to thoroughly read the specifications and other related materials of the product.

- * The catalog is subject to change without notice.
- * The catalog is not to guarantee the product quality.