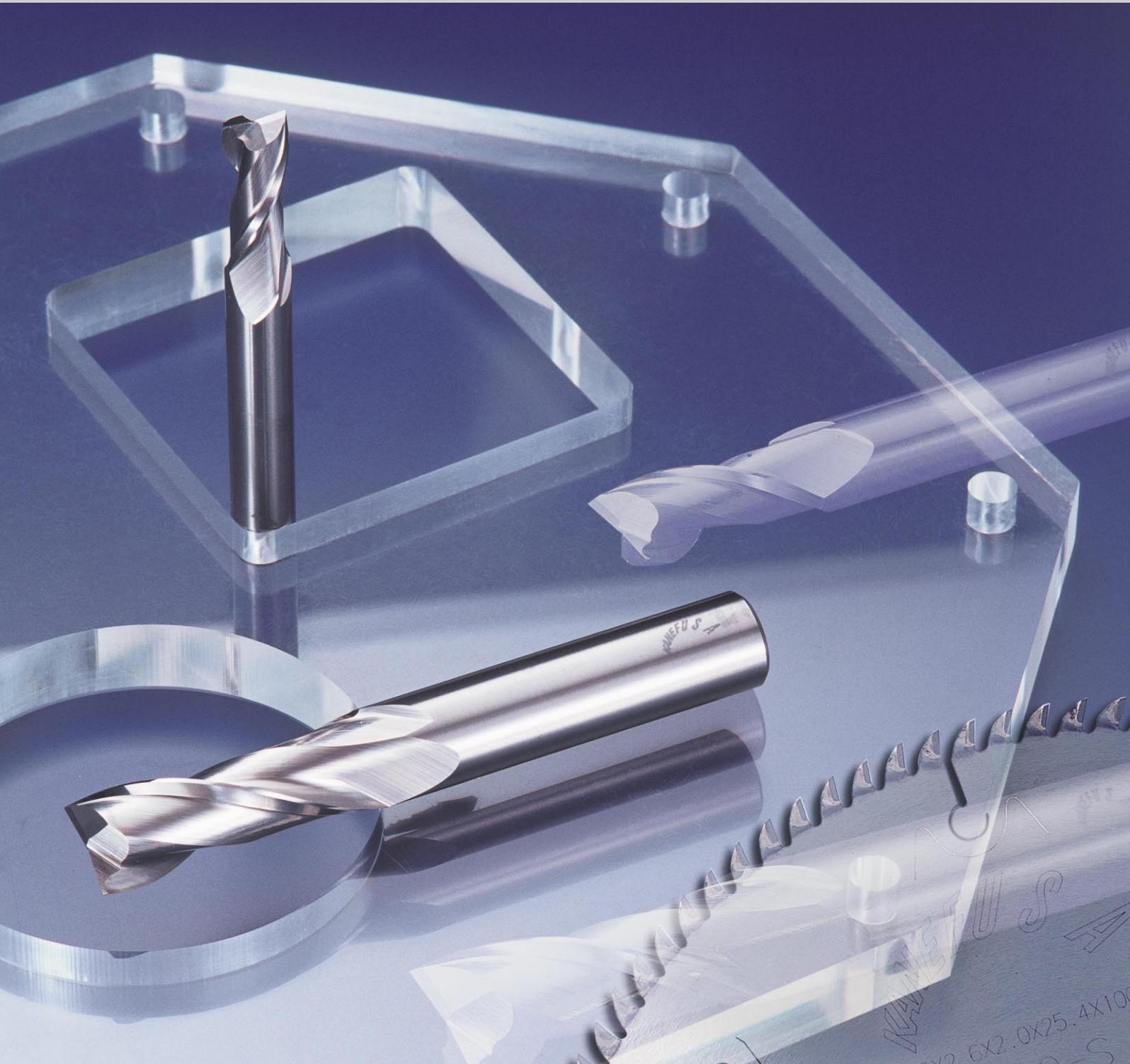


KANEFUSA

# Plastic Cutting



*Kanefusa - A New Dimension of Performance*



JQA-QM3710



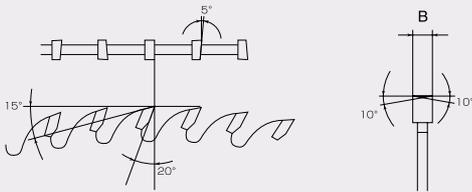
JQA-EM3137  
Head office  
Factory

Specifications and appearance are subject to change without notice.  
Photographs and illustrations may vary from actual products.

**0-54-2**  
[Class] [Article] [Revision]

# Plastic Cutting

## Saw Blade For Plastic Plate Cutting



### For Plastic Plate Cutting

## PN type T.C.T Saw Blade

PN type is suitable to cut thin plastic (vinyl or acryl). Thanks to an extremely sharp edge, PN type enables a nearly knife mark free cut finish with transparency.

**[APPLICATION]** Sizing thin plastic plate, Sheets, shapes

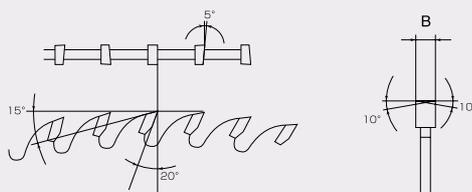
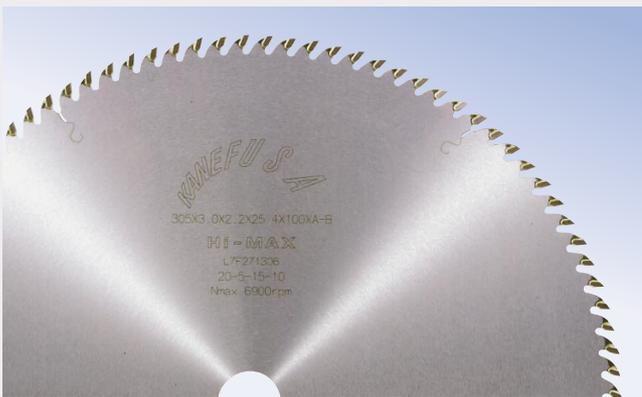
**[MATERIAL]** Plastics, acrylic resin

**[MACHINES]** Beam saw, table saw

**[EDGE MATERIAL]** HW

Order no.	Size					Type
	D mm	B mm	b mm	d mm	z mm	
1 744-1009-462	205	1.2	0.8	25.4	100	PN
2 744-1017-462	255	2.0	1.5	25.4	100	PN
3 744-1025-462	255	2.6	2.0	25.4	90	PN
4 744-1041-462	305	3.0	2.2	25.4	100	PN
5 744-1059-462	305	1.6	1.2	25.4	120	PN
6 744-1067-462	305	2.0	1.5	25.4	120	PN

※Other specifications are available upon request.



### For Plastic Plate Cutting

## AB type T.C.T Saw Blade

General Purpose Saw Blade.

Cuts tear-out free in thin walled plastics and other difficult to cut materials like foamboard.

**[APPLICATION]** Sizing thick plastic plate, Sheets, shapes

**[MATERIAL]** Plastics, acrylic resin

**[MACHINES]** Beam saw, table saw

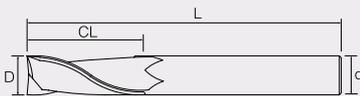
**[EDGE MATERIAL]** HW

Order no.	Size					Type
	D mm	B mm	b mm	d mm	z mm	
1 655-0041-401	255	2.0	1.5	25.4	90	AB
2 655-0067-401	255	2.6	2.0	25.4	90	AB
3 655-5190-401	305	3.0	2.2	25.4	100	AB

※Other specifications are available upon request.



## Router Bit For Acrylic plate Routing



### For Mirror Finish Acrylic Plate Cutting

#### Acryl-Bit (Type1)

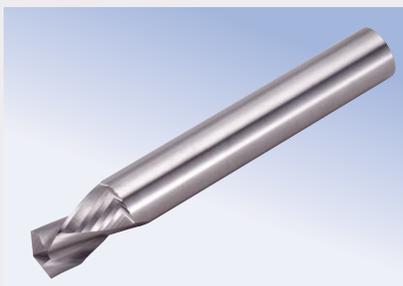
Fine grade Tungsten Carbide with mirror-finished cutting edge enables clear cuts in PMMA. Because edge polishing can be reduced or even eliminated, tremendous cost saving is possible.

- [APPLICATION] Routing
- [MATERIAL] Plastics
- [MACHINES] CNC router machine
- [EDGE MATERIAL] HW

Order no.	Size					Type	Rotation
	d mm	D mm	L mm	CL mm	z mm		
1 827-0019-900	6	6	70	15	2	Spiral	R /Pos.
2 827-0035-900	10	10	80	30	2	Spiral	R /Pos.
3 827-0043-900	12	12	85	35	2	Spiral	R /Pos.

#### Cutting Sample

● Highly permeable cutting surface with low Whiting and Adhesion.



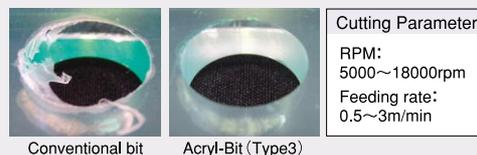
### For Mirror Finish Acrylic Plate Cutting with Cover Seat

#### Acryl-Bit (Type3)

With a high precision ground edge with positive and negative shear angles, Acryl-Bit (Type3) cuts clean on plastic and acrylic material with protective sheet. The Bit cuts clean in routing for less subsequent process.

- [APPLICATION] Routing
- [MATERIAL] Plastics with cover seat
- [MACHINES] CNC router machine
- [EDGE MATERIAL] HW

Order no.	Size					Type	Rotation
	d mm	D mm	L mm	CL mm	z mm		
1 827-3005-900	3	2	60	6	1+1	Pos.+Neg.	R /Pos.+Neg.
2 827-3013-900	4	4	60	10	1+1	Pos.+Neg.	R /Pos.+Neg.
3 827-3021-900	6	6	70	15	1+1	Pos.+Neg.	R /Pos.+Neg.
4 827-3039-900	10	10	80	20	1+1	Pos.+Neg.	R /Pos.+Neg.
5 827-3047-900	12	12	85	30	1+1	Pos.+Neg.	R /Pos.+Neg.



Conventional bit      Acryl-Bit (Type3)

Cutting Parameter  
RPM:  
5000~18000rpm  
Feeding rate:  
0.5~3m/min



• Negative shear angle for clean edge on the top side

• Positive shear angle for clean edge on the bottom side



### For Long Life Acrylic Plate Cutting

#### PCD Acryl-Bit

PCD edge gives very long cutting life. The tool prevents adhesion and curling of material for long cutting life.

- [APPLICATION] Routing
- [MATERIAL] Plastics
- [MACHINES] CNC router machine
- [EDGE MATERIAL] DP

Specification are available upon request.  
Please contact kanefusa.

#### Application Chart

	Acryl-Bit Type1	Acryl-Bit Type3	Acryl-Bit PCD
Transparency	◎	○	×
Protection sheeted material	×	◎	◎
Cutting life	○	○	◎

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