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# Plastic Cutting

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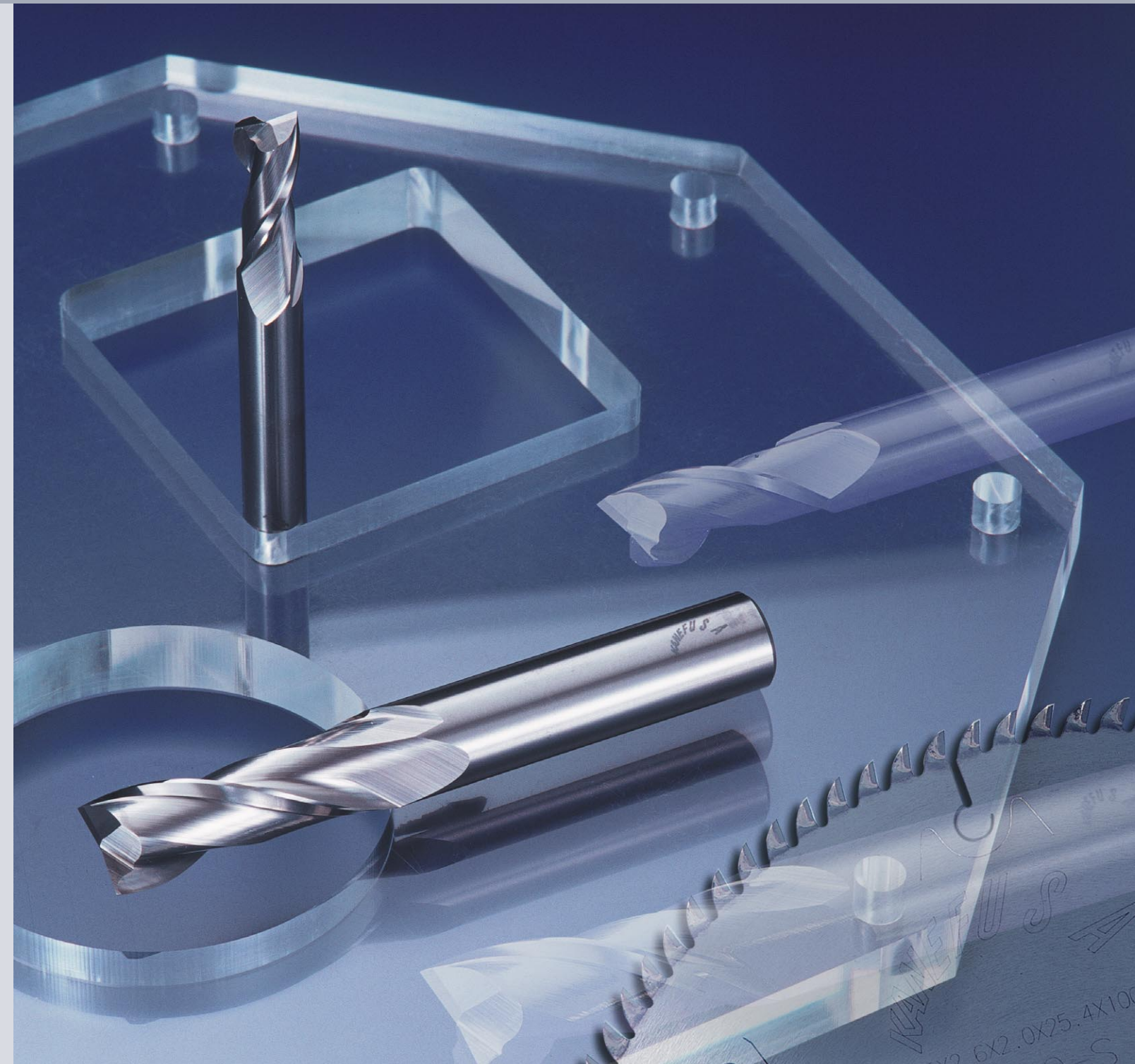
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**0-54-0**  
[Class] [Article] [Revision]

# Plastic Cutting

## Saw Blade For Plastic Plate Cutting

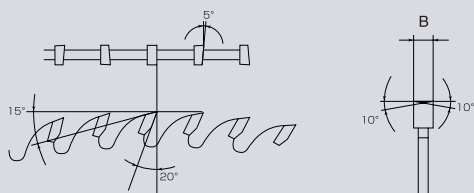


For Plastic Plate Cutting

### PN type T.C.T Saw Blade

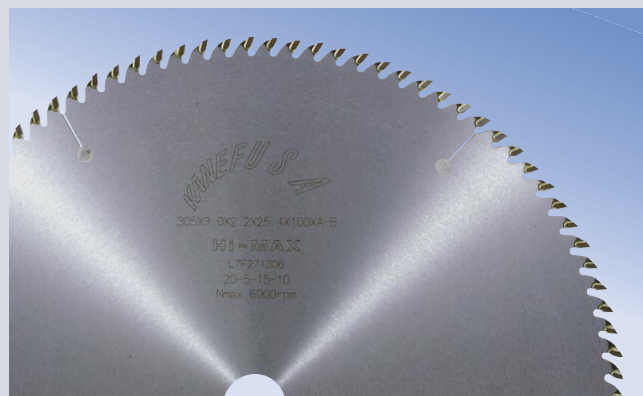
PN type is suitable to cut thin plastic (vinyl or acryl). Thanks to a extremely sharp edge, PN type enables a nearly knife mark free cut finish with transparency.

**[Application]** Sizing thin plastic plate, Sheets, shapes  
**[Material]** PETG, PMMA, PVC, Foamboard, Vinyl and etc.  
**[Machines]** Beam saw, table saw



Order no.	D mm	B mm	Size		d mm	z	Type
			b mm	b 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
3 744-1041-462	305	3.0	2.2	25.4	100		PN

※Other specifications are available upon request.

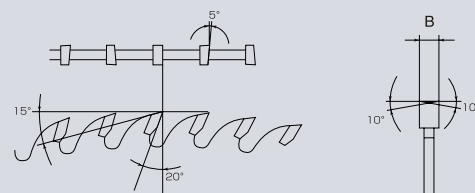


For Plastic Plate Cutting

### 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]** PETG, PMMA, PVC, Foamboard, Vinyl and etc.  
**[Machines]** Beam saw, table saw



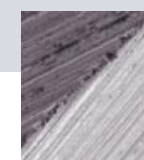
Order no.	D mm	B mm	Size		d mm	z	Type
			b mm	b mm			
1 655-0041-401	255	2.0	1.5	25.4	90		AB
2 655-0067-401	255	2.6	2.0	25.4	90		AB
3 655-5190-401	305	3.0	2.2	25.4	100		AB

※Other specifications are available upon request.

## Router Bit For Acrylic plate Routing

Less adhesion, More transparent !

Extremely sharp edge with tungsten carbide



• Conventional



• Acryl Bit

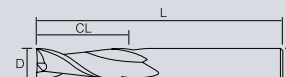


For Mirror Finish Acrylic Plate Cutting

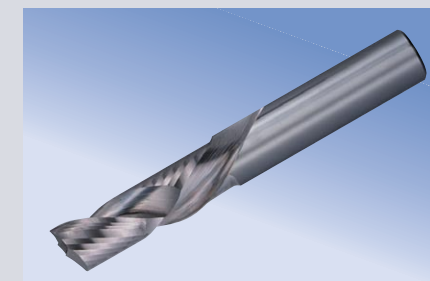
### Acryl-Bit (Standard Type)

Tungsten Carbide Router Bit. 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. For best cutting results we recommend a high precision tool holder for the bit.

**[Application]** Routing, drilling  
**[Material]** PETG, PMMA, PVC, Foamboard, Vinyl and etc.  
**[Machines]** Extruded and cast PMMA



Order no.	d mm	D mm	Size		z	Rotation
			L mm	CL mm		
1 827-A020-900	4	4	70	15	2	R /Pos .
2 827-0000-900	5	5	70	15	2	R /Pos .
3 827-0019-900	6	6	70	15	2	R /Pos .
4 827-0027-900	8	8	70	20	2	R /Pos .
5 827-0035-900	10	10	80	30	2	R /Pos .
6 827-0043-900	12	12	85	35	2	R /Pos .

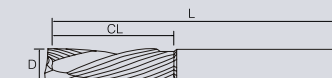


For Mirror Finish Acrylic Plate Cutting with Cover Seat

### Acryl-Bit (Special Type)

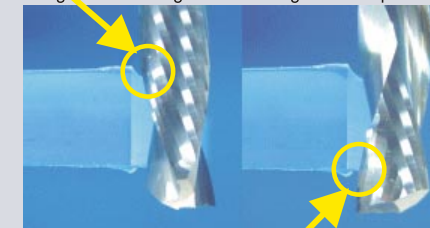
With a high precision ground edge with positive and negative shear angles, Acryl-Bit(Special Type) cuts clean on plastic and acrylic material with protective sheet. The Bit cuts clean in drilling and routing for less subsequent process.

**[Application]** Routing, drilling  
**[Material]** Plastic material with protective sheet  
**[Machines]** Extruded and cast PMMA



Order no.	d mm	D mm	Size		z	Rotation
			L mm	CL mm		
1 827-0000-900	6	2	60	8.5	2	R /Pos .
2 827-0000-900	6	3	60	8.5	2	R /Pos .
3 827-0000-900	6	4	60	8.5	2	R /Pos .
4 827-0000-900	6	5	60	8.5	2	R /Pos .
5 827-0000-900	6	6	70	15	2	R /Pos .
6 827-0000-900	8	8	70	20	2	R /Pos .
7 827-0000-900	10	10	70	20	2	R /Pos .
8 827-0000-900	12	12	85	25	2	R /Pos .

• 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, drilling  
**[Material]** Plastic material with protective sheet  
**[Machines]** Extruded and cast PMMA

Specification are available upon request. Please contact kanefusa.

### Application Chart

	Acryl-Bit Standard Type	Acryl-Bit Special Type
Transparency	○	○
Protection sheeted material	×	○
Efficiency of dust collection	△	○
Rough cutting	△	○
Acryl utting	○	○
Polycarbonate cutting	○	○
PET cutting	○	○
Polypropylene cutting	○	○