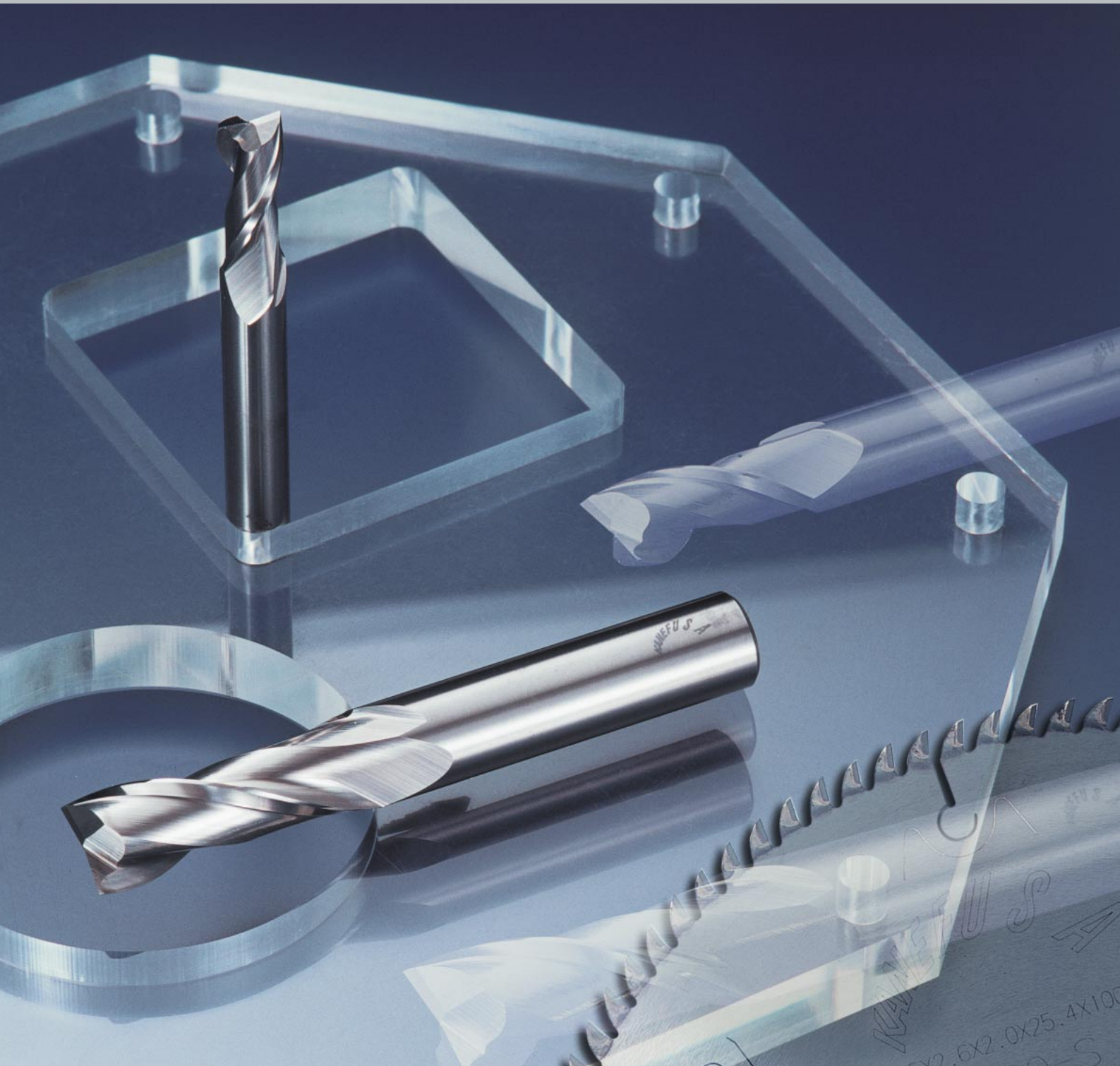


KANEFUSA

Plastic Cutting



Kanefusa - A New Dimension of Performance



JQA-QM3710



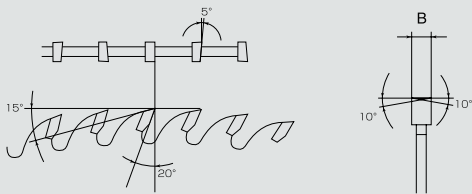
JQA-EM3137
Head office
Factory

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

O-54-1
[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

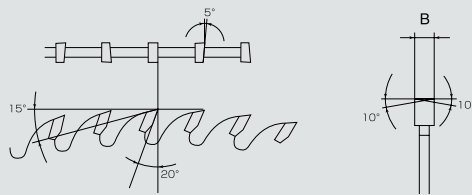
[MATERIAL] Plastics, acrylic resin

[MACHINES] Beam saw, table saw

[EDGE MATERIAL] HW

Order no.	D mm	B mm	Size b mm	d mm	z mm	Type
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

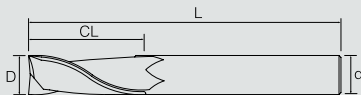
[EDGE MATERIAL] HW

Order no.	D mm	B mm	Size b mm	d mm	z mm	Type
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.	d mm	D mm	Size L mm	CL mm	z mm	Type	Rotation
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 Whitening and Adhesion.



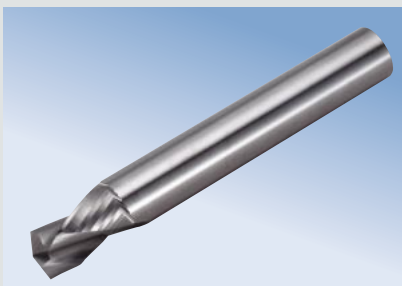
Acryl-Bit (Type1)



Bit for Metalworking



Straight Bit for Woodworking



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

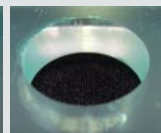
[MACHINES] CNC router machine

[EDGE MATERIAL] HW

Order no.	d mm	D mm	Size L mm	CL mm	z mm	Type	Rotation
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.



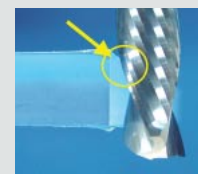
Conventional bit



Acryl-Bit (Type3)

Cutting Parameter

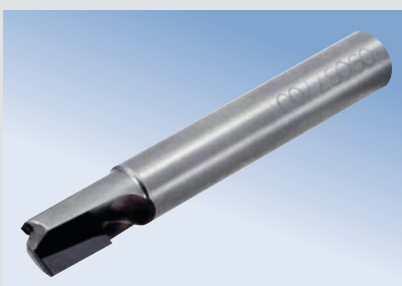
RPM:
5000~18000rpm
Feeding rate:
0.5~3m/min



• 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

● Application Chart

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

Specification are available upon request.
Please contact kanefusa.



<http://www.kanefusa.net>

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