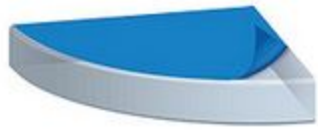
In-Plastic™

CNC INSERT CUT & QUAD CHAMFER SYSTEM



The most innovative time saving system for cutting and chamfering in plastics.

The new In-Plastic™ Insert Cut & Chamfer System features one tool body with 13 unique insert knives designed for a variety of plastic cutting applications.

This time saving system cuts and quad chamfers " top and bottom of both sides" in one pass without melting the edges.

Industrial quality insert knives produce smooth, chip-free cuts and last at least twice as long as comparable solid carbide bits.

The unique tool body was engineered to quickly interchange inserts while mounted in CNC machines to eliminate down-time and to maintain consistent cutting accuracy.

CNC Tool bodies are expertly balanced for virtually no vibration to provide superior cutting results and less stress on the tool & spindle.

The In-Plastic™ system was specifically designed for use with all forms of plastic sheet materials for signmaking, lettering and display case industries.

Inserts were engineered to only penetrate the spoilboard by 0.2mm!

Cut & Chamfer RPM & Feed Rate Chart

All In-Plastic™ insert knives share the same specifications show in figure F,G and H.



F= Width at maximum point of chamfer at both sides	G= Cutting width	H= Maximum chamfer depth
6.0mm 15/64" 0.236"	3.50mm 9/64" 0.138"	1.25mm 3/64" 0.049"

Warning: **Do not exceed MAX RPM= 28,000**













RC-1075 RC-1076

d	CNC Tool Body No.
1/4"	RC-1075
1/2"	RC-1076

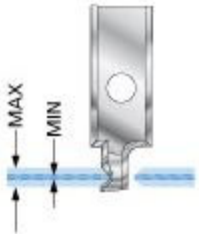
Insert knives sold separately.

Replacement Parts	Part No.
Screw M4x6	67127
Hex Key	5004

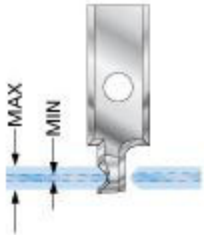


say goodbye to *sharp edges!*

Insert knives below are for plunging, cutting and chamfering top and bottom of both sides of plastic.

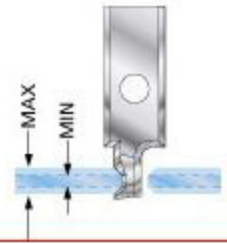


Min-Max	Part No.
0.50mm-1.50mm 0.019" - 0.059"	RCK-428

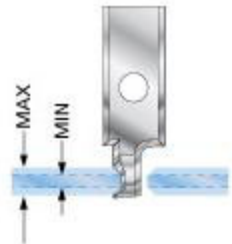


Min-Max	Part No.
1.0mm-2.0mm 0.039" - 0.079"	RCK-429

MOST POPULAR FOR 1/8" THICKNESS



Min-Max	Part No.
1.50mm-2.50mm 0.059" - 0.098"	RCK-430



Min-Max	Part No.
1.80mm-2.80mm 0.078" - 0.110"	RCK-431



Min-Max	Part No.
2.30mm-3.30mm 0.091" - 0.129"	RCK-433

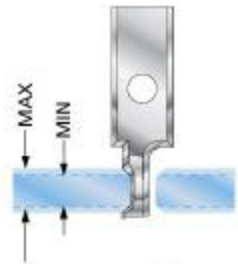


Min-Max	Part No.
3.30mm-4.30mm 0.129" - 0.169"	RCK-435

MOST POPULAR FOR 3/16" THICKNESS



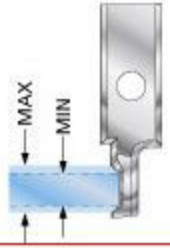
Min-Max	Part No.
3.60mm-4.60mm 0.141" - 0.181"	RCK-432



Min-Max	Part No.
4.30mm-5.30mm 0.169" - 0.206"	RCK-436

Insert knives below are for chamfering top and bottom of one side only.

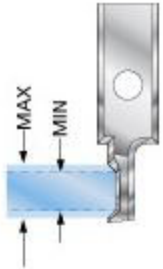
MOST POPULAR FOR 1/4" THICKNESS



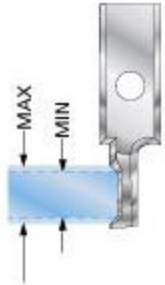
Min-Max	Part No.
4.60mm-5.60mm 0.181" - 0.221"	RCK-434



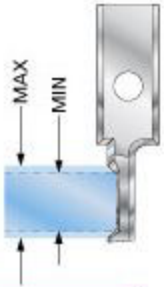
Min-Max	Part No.
5.0mm-6.0mm 0.197" - 0.236"	RCK-437



Min-Max	Part No.
5.50mm-6.50mm 0.217" - 0.256"	RCK-438



Min-Max	Part No.
6.30mm-7.30mm 0.248" - 0.287"	RCK-439



Min-Max	Part No.
8.30mm-9.30mm 0.327" - 0.366"	RCK-440