IN-GROOVE™
CNC INSERT ENGRAVING SYSTEM

The Most Versatile System for Sign Making, Lettering & Engraving

The new In-Groove™ Insert Engraving System features one tool body with 30 unique insert knives designed for a variety of applications.

Industrial quality insert knives produce crisp, clean cuts and last at least twice as long as comparable solid carbide bits.

This engraving system was engineered to quickly interchange inserts while tool body can remain mounted in CNC machine. This minimizes down-time and helps to maintain consistent cutting accuracy.

CNC Tool bodies are expertly balanced for virtually no vibration to provide superior cutting results.

Ideal for cutting laminated materials, veneers, MDF, plastics, wood, solid surface. and carbon fiber.
V-Tip inserts can also cut aluminum.









RC-1075 RC-1076







8 pc. Sets Available

AMS-209 (1/2 Shank)
AMS-210 (1/4 Shank)

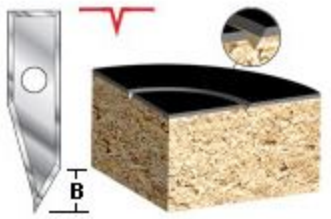
Includes	QTY	Description
RCK-412	1	Corner Round / Bead Groove Insert Knife
RCK-420	1	Core Box Insert Knife
RCK-400	1	Straight Insert Knife
RCK-360	1	30° V-Tip Insert Knife
RCK-361	1	30° V-Tip Insert Knife
RCK-362	1	30° V-Tip Insert Knife
RCK-380	1	60° V-Tip Insert Knife
RC-1076 or RC-1075	1	1/2" Shank Tool Body (AMS-209 Set) or 1/4" Shank Tool Body (AMS-210 Set)

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

Insert knives sold separately.

See additional item specifications below.

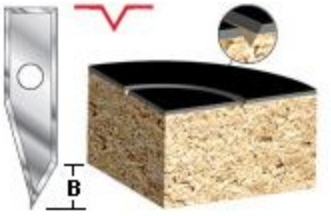
30° V-Tip Width Engraving Insert Knives



Tip	B	Part No.
0.005"	16mm (5/8")	RCK-360
0.010"	16mm (5/8")	RCK-361
0.020"	16mm (5/8")	RCK-362
0.030"	16mm (5/8")	RCK-363
0.040"	16mm (5/8")	RCK-364
0.060"	16mm (5/8")	RCK-366
0.090"	16mm (5/8")	RCK-369

View RPM & Feed Rate Chart

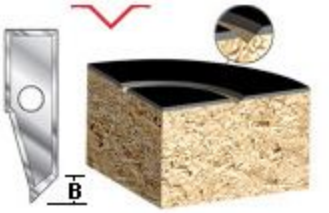
60° V-Tip Width Engraving Insert Knives



Tip	B	Part No.
0.005"	7.5mm (9/32")	RCK-380
0.010"	7.5mm (9/32")	RCK-381
0.020"	7.5mm (9/32")	RCK-382
0.030"	7.5mm (9/32")	RCK-383
0.040"	7.5mm (9/32")	RCK-384
0.060"	7.5mm (9/32")	RCK-385
0.090"	7.5mm (9/32")	RCK-386

View RPM & Feed Rate Chart

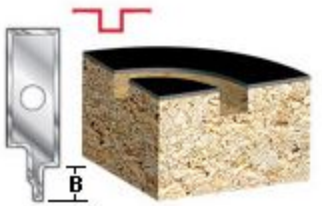
90° V-Tip Width Engraving Insert Knives



Tip	B	Part No.
0.005"	4mm (5/32")	RCK-390
0.010"	4mm (5/32")	RCK-391
0.020"	4mm (5/32")	RCK-392
0.040"	4mm (5/32")	RCK-393

View RPM & Feed Rate Chart

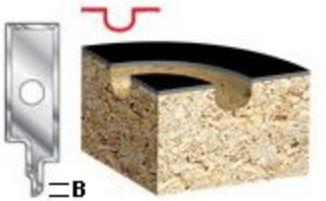
Straight Engraving Insert Knives



Dia.	B	Part No.
1/8"	5mm (3/16")	RCK-400
3/16"	6mm (15/64")	RCK-402
1/4"	7mm (9/32")	RCK-404
5/16"	8mm (5/16")	RCK-406

View RPM & Feed Rate Chart

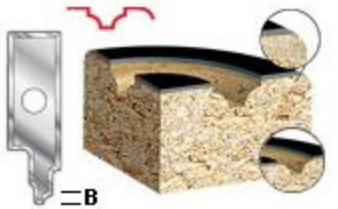
Core Box Engraving Insert Knives



Radius	B	Part No.
1/16"	5mm (3/16")	RCK-420
3/32"	6mm (15/64")	RCK-422
1/8"	7mm (9/32")	RCK-424
5/32"	8mm (5/16")	RCK-426

View RPM & Feed Rate Chart

Corner Round & Bead Groove Engraving Insert Knives



Radius	B	Part No.
1/16"	8mm (5/16")	RCK-410
3/32"	8mm (5/16")	RCK-412
1/8"	8mm (5/16")	RCK-414

View RPM & Feed Rate Chart