

## V-Groove - Miter Fold & Signmaking CNC Insert Router Bits

These industrial V Groove insert router bits were especially designed for applications including,

- Miter Folds - "create the perfect joint"
- Signmaking and Lettering

The innovative CNC tool design uses a high grade carbide insert knife which allows you to get two uses out of each insert. Once insert knife show signs of wear you can rotate the insert for a brand new cutting edge. Secure locking screw system ensures maximum safety and maintains cutting accuracy. CNC router requires quality hold downs to ensure the least possibility of material shifting during operation.

When working with Xanita LightBoard panel (X-board®, X-board® plus) we recommend using MDF knives for better results.

### Advantages of Insert Tooling

- Long lasting insert knives provide superior smooth quality cuts every time.
- Quick and precise replacements of dull knives.
- Due to insert accuracy tool life is extended.
- Insert tooling allows for harder grades of carbide.
- Special carbide grades for special applications.
- Knives can be re-sharpened multiple times without affecting the original profile
- Cost effective solution compared to replacing brazed router bits.



**View Actual Size Wood Sample****3/4" Shank**

1-1/2	45°	22.5°	1-3/4	1-15/16	1	4-1/4	18,000	180	RCK-58	RCK-349	67117	RC-1031+
2-5/8	90°	45°	1-9/32	1-27/32	1	3-13/16	18,000	180	RCK-133	RCK-355	67110	RC-1030
3	90°	45°	1-1/2	2-1/8	1	4-3/8	18,000	180	RCK-138	RCK-359	67115	RC-1034
2-5/8	91°	45.5°	1-5/16	1-3/8	1	3-7/8	18,000	180	RCK-117	RCK-356	67110	RC-1028**
3-13/32	120°	60°	31/32	1-31/32	2	3-27/32	15,000	240	RCK-112	RCK-357	67115	RC-1029
3-27/32	130°	65°	13/16	1-31/32	2	3-7/8	13,000	240	RCK-112	RCK-357	67115	RC-1025
3-25/32	150°	75°	1/2	1-31/32	2	3-1/2	13,000	240	RCK-112	RCK-357	67115	RC-1027

**View Actual Size Wood Sample****1/2" Shank**

47/64	40°	20°	1	1- 1/16	1	2-9/16	28,000	180	RCK-57	RCK-367	67117	RC-1040
13/16	45°	22.5°	1	1- 1/16	1	2-3/8	24,000	180	RCK-56	RCK-350	67117	RC-1045
13/16	45°	22.5°	1	1- 1/16	1	3-21/32	22,000	180	RCK-56	RCK-350	67117	RC-1049+
27/32	46°	23°	63/64	1- 1/16	1	2-3/8	18,000	180	RCK-56	RCK-350	67117	RC-1047
7/8	50°	25°	31/32	1- 1/16	1	2-9/16	18,000	180	RCK-56	RCK-350	67117	RC-1046
1-1/32	60°	30°	29/32	1- 1/16	1	2-7/16	18,000	180	RCK-56	RCK-350	67117	RC-1108
1-7/32	70°	35°	7/8	1- 1/16	1	2-9/16	18,000	180	RCK-56	RCK-350	67117	RC-1048
1-1/4	72°	36°	7/8	1- 1/16	1	2-19/32	18,000	180	RCK-56	RCK-350	67117	RC-1072•
1-1/2	90°	45°	3/4	1- 1/16	1	3	18,000	220	RCK-134	RCK-351	67117	RC-1102*
1-1/2	91°	45.5°	3/4	1- 1/16	1	3	24,000	220	RCK-119	RCK-352	67115	RC-1100*
1-3/4	110°	55°	5/8"	1- 1/16	1	3-3/16	18,000	440	RCK-119	RCK-352	67117	RC-1105*
2-1/32	120°	60°	9/16	1-5/32	2	3-1/16	18,000	360	RCK-136	RCK-353	67139	RC-1104
2-1/8	130°	65°	1/2	1-5/32	2	3	16,000	320	RCK-137	RCK-354	67115	RC-1107
2-1/4	150°	75°	19/64	1-5/32	2	2-15/16	14,000	280	RCK-137	RCK-354	67115	RC-1106
2-5/16"	160°	80°	13/64	1-5/32	2	2-25/32	14,000	280	RCK-137	RCK-354	67115	RC-1109

**+ Shank Length**

RC-1031= 2-3/16"

RC-1049= 2-1/2"

• Makes 5 sided boxes

\*Recommended Feed Rate (IPM = Inch Per Minute)



\*\* Replacement Knife