

# AceCo. Precision Finger Joint Cutters



We offer a complete line of finger joint knives for cutting joint lengths from 1/8" to 1-1/2" long. Knives available in High Speed Steel, Carbide Tipped or Solid Carbide, and treated M2 steel\* to extend run times between re-sharpenings. All knives are precision made by AceCo. to tolerances as close as +/- 0.0001". Call for other sizes.



Joint Length	Cutter Thickness	Knife Tip	Knife Radius	AceCo. # Thin / Thick Knife	Other # Thin / Thick Knife	AceCo. Carbide Tip Thin / Thick Knife	Glue Area Per 1" Sq.
4mm	.100"	.038"	1.50"	AC16-237 / AC16-238	N/A	N/A	3.8" Sq.
5mm	.125"	.044"	1.50"	AC16-217 / AC16-218	BG-1392 / BG-1393	N/A	3.7" Sq.
1/4"	.139"	.047"	1.50"	AC16-104 / AC16-105	BG-1137 / BG-1138	AC16-1002 / AC16-1003	4.5" Sq.
3/8"	.1685"	.046"	1.50"	AC16-048 / AC16-049	BG-919 / BG-920	AC16-1004 / AC16-1005	4.7" Sq.
3/8"	.1775"	.063"	1.875"	AC16-052 / AC16-053	BG-967 / BG-968	N/A	4.8" Sq.
10mm	.140"	.045"	1.25"	AC16-154 / AC16-155	N/A	AC16-1009 / AC16-1010	5.6" Sq.
5/8"	.1685"	.044"	1.50"	AC16-190 / AC16-191	BG-1204 / BG-1205	-	7.8" Sq.
11/16"	.214"	.062"	1.875"	AC16-032 / AC16-033	BG-737 / BG-738	-	6.7" Sq.
.987"	.2225"	.031"	1.875"	AC16-028 / AC16-029	BG-824 / BG-825	AC16-1006 / AC16-1007	7.4" Sq.
1.113"	.2635"	.030"	2.125"	AC16-139 / AC16-107	BG-1101 / BG-1102	AC16-1001	8.4" Sq.
1.113"	.243"	.030"	2.375"	AC16-016 / AC16-017	BG-751 / BG-752	N/A	8.6" Sq.

Joint lengths above in blue are the most commonly used & offer the best prices & delivery.

\* Knives also offered in: Flash Chrome, Case Hardened, & RW90 Diamond Coated treatments to extend life.

High Speed Steel finger joint knives are resharpened normally every 2 to 4 shifts, depending on the material density and joint length. Most knives can be resharpened several hundred times for years of grindable life. Carbide tipped knives allow you to finger joint abrasive materials like LVL, Plywood, and MDF. Finger joint knives must be properly balanced, sharpened, and posted in order to maintain a high quality finger joint. If you have any questions or problems maintaining your tooling give us a call, we offer free in-depth technical support to help. **Super strong "Micro-Joints"** save wood fiber. Just by shortening your finger joints 1/8" you can greatly reduce tear-out and save tens of thousands of dollars per year, per machine in wood fiber. We offer a free finger joint analysis to determine what your potential material savings are.



We offer AceCo. precision finger joint heads for all production finger joint machines including; IWW Industrial Woodworking, Western Pneumatics, Cader-Tech, Dimter, Grecon, Taihei, Kikukawa, Dubus, Sauter, Omega, and more. Heads from 2 to 20 knife stacks are available for production rates up to 300 blocks/min. We can supply heads with Hydro-Locking sleeves or with Cone/Collet bores for any diameter spindle. Call for JAS or AISI structural joint certification assistance. Finger joint heads can be assembled to cut a variety of joint styles including: Reversible, Male/Female, Re-saw, and Feather Joints. We offer a full selection of replacement parts for all your finger joint cutter heads. Most standard items can be delivered quickly; head nuts, bolts, grease fittings, washers, cones, index spacers, and more. We also supply safety lock collars, setup stands, hook grinding gages, and grease gun parts. Call for no charge advanced technical support on all finger joint tooling and joint related questions.

AceCo. 10-Post Setup stand is used for quick repositing of cutters. Offered in 2 to 20 posts.



Hook grinding gages are important to producing a perfect joint. We offer a complete selection of precision grinding templates for every finger joint knife available.



Special high pressure grease fittings are used for all hydro-locking style cutter heads. We offer both English & Metric fittings.



**A MUST FOR CLOSED JOINTS.** Finger joint depth gage for comparing finger lengths from shaper #1 to shaper #2. Makes trim saw adjustments quick and precise the first time.  
\$97.50