

Guide to Router Bits and Guide Fingers

Use the charts below to determine which router bits and guide fingers you need for the three basic types of joint

Here are the guidelines

There are five dovetail bits in the AKEDA system

Each dovetail bit can be used to form both halves of a half blind joint, and also through dovetail tails

Any one dovetail bit will form a through dovetail tail piece from 1/4" deep, down to its full depth capacity (its length)

The same dovetail bit will form both halves of a half blind dovetail joint, but only at a fixed depth (its stated length)

A .315" straight bit is required for through dovetail pins

A .350" straight bit is required for box joints

Where to find router bits and guide fingers:

The three basic guide fingers (7° TD pin guides, HBD pin guides and tail guides) are included with the jig

Other angle guide fingers (9°, 11°, 14° and 20°) are available in the C-Kit

All seven router bits are included in the A-Kit, C-Kit and bit set

All router bits and guide fingers are available as separate accessories

Through Dovetail Pin Sockets (tails)

Router Bit: Depth x Angle	P/N	Router Bit Included With:				P/N	TD Pin Guides Included With:	
		A-Kit	B-Kit	C-Kit	Bit Set		Jig	C-Kit
(avail. 2008) Best	1" x 6°	3806	n/a	n/a	n/a	n/a	n/a	n/a
Best	3/4" x 7°	3807	Yes	Yes	Yes	Yes	3207	Yes No
Best	5/8" x 9°	3809	Yes	No	Yes	Yes	3209	No Yes
Best	1/2" x 11°	3811	Yes	Yes	Yes	Yes	3211	No Yes
Best	3/8" x 14°	3814	Yes	No	Yes	Yes	3214	No Yes
Only	1/4" x 20°	3820	Yes	No	Yes	Yes	3220	No Yes

Through Dovetail Tail Sockets (pins)

Router Bit: Dia. x Length	P/N	Router Bit Included With:				P/N	Tail Guides Included With:	
		A-Kit	B-Kit	C-Kit	Bit Set		Jig	C-Kit
Used for forming all through dovetail pins up to 1"	.315" x 1"	3880	Yes	Yes	Yes	Yes	3240	Yes NO

Half Blind Dovetails

Router Bit: Depth x Angle	P/N	Router Bit Included With:				P/N	HBD Pin Guides Included With:		Tail Guides Included With:	
		A-Kit	B-Kit	C-Kit	Bit Set		Jig	C-Kit	P/N	Jig
Only	3/4" x 7°	3807	Yes	Yes	Yes	Yes	3230	Yes No	3240	Yes No
Only	5/8" x 9°	3809	Yes	No	Yes	Yes	3230	Yes No	3240	Yes No
Only	1/2" x 11°	3811	Yes	Yes	Yes	Yes	3230	Yes No	3240	Yes No
Only	3/8" x 14°	3814	Yes	No	Yes	Yes	3230	Yes No	3240	Yes No
Only	1/4" x 20°	3820	Yes	No	Yes	Yes	3230	Yes No	3240	Yes No

Box Joints

Router Bit: Dia. x Length	P/N	Router Bit Included With:				P/N	Pin Guides Included With:		Tail Guides Included With:	
		A-Kit	B-Kit	C-Kit	Bit Set		Jig	C-Kit	P/N	Jig
Use cutter at any depth up to 1"	.350" x 1"	3858	Yes	Yes	Yes	Yes	3230	Yes No	3240	Yes No