

LEIGH EARLY MODEL DOVETAIL JIGS COMPARISON

FEATURES	D1258(R) (1984 to 1993)	D3 (1993 to 1995)	D4 (1995 to 2005)	D4R (2005 to 2010)	D4R Pro (2010 to Present)
CONSTRUCTION					
Jig Body	2-Piece Aluminum Extrusion	2-Piece Aluminum Extrusion	2-Piece Aluminum Extrusion	Machined Aluminum Extrusion	Machined Aluminum Extrusion
Jig Body End Housings	Cast Metal	Cast Metal	Cast Metal	Cast Metal	Cast Metal
Finger Style	2-piece	2-piece	2-piece	2-piece	2-piece
Sidestops	Bolt-On Plastic	Bolt-On Plastic	Bolt-On Adjustable Metal	Integral - CNC Machined	Integral - CNC Machined
Clamping Mechanism	Hand Screw Knobs	Cam-Action	Cam-Action	Cam-Action	Cam-Action
Clamping Surface	Flat	Flat	Flat	Machine Textured	Machine Textured
Clamp Bars	Square Steel	Square Steel	Square Steel	Trapezoid Aluminum	Trapezoid Aluminum
Crosscut Fence (For Sliding Dovetails)	1/4" x 1/4" Steel	1/4" x 1/4" Steel	1/4" x 1/4" Steel	Rigid Plastic Extrusion	Rigid Plastic Extrusion
Bridge Piece Material	Shop Made	Shop Made	Shop Made	Rigid Plastic Extrusion	Rigid Plastic Extrusion
CAPACITIES					
Maximum Board Thickness	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"
Minimum Board Thickness	1/8"	1/8"	1/8"	1/8"	1/8"
Maximum Board Width	24"	24"	24"	24"	24"
Minimum Board Width	1"	1"	1"	1"	1"
Maximum Through Pin/Tail Board Thickness	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"
Maximum Half-Blind Board Thickness	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"
JOINT OPTIONS					
Through Dovetails - Variably Spaced	YES	YES	YES	YES	YES
Half-blind Dovetails - Variably Spaced	YES	YES	YES	YES	YES
Half-Blind Dovetails - Single Pass (Fixed)	YES with Kit*	YES with Kit*	YES with Kit*	YES with Kit*	YES
Sliding Dovetails	YES	YES	YES	YES	YES
Rabbeted Half-Blind Dovetails	YES	YES	YES	YES	YES
Finger (Box) Joints w/DT Finger Assembly	3/8" & 3/4" with Kit*	3/8" & 3/4" with Kit*	3/8" & 3/4" with Kit*	3/8" & 3/4" with Kit*	3/8" & 3/4"
Finger (Box) Joints with F3 Template	9 sizes	9 sizes	9 sizes	9 sizes	9 sizes
Inlaid Dovetails	YES	YES	YES	YES	YES
End-on-End Dovetails	YES	YES	YES	YES	YES
Asymmetrical Joints (Through and HB)	YES	YES	YES	YES	YES
Simple Angle Joints	YES	YES	YES	YES	YES
Obtuse Angle Joints	YES	YES	YES	YES	YES
Acute Angled Joints	YES	YES	YES	YES	YES
Compound Angled Joints	YES	YES	YES	YES	YES
Needle Pins	YES	YES	YES	YES	YES
Shelf Holes and Shelf Notches	YES	YES	YES	YES	YES
Isoloc Joints with I1A, B and C Templates	NO	NO	6 Patterns	6 Patterns	6 Patterns
Multiple Mortise & Tenon Joints with M2 attachment	YES	YES	YES	YES	YES
JOINT SPACING					
Through and HB Variable Tail Spacing	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable
Through and HB Variable Tail Sizing	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable
Through and HB Variable Pin Spacing	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable
Through Variable Pin Sizing	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable
JOINT FIT ADJUSTMENT					
Through Dovetails	Easy Recordable, Repeatable Scale Setting	Easy Recordable, Repeatable Scale Setting	Easy Recordable, Repeatable Scale Setting	Easy Recordable, Repeatable Scale Setting	Easy Recordable, Repeatable Scale Setting
Half-Blind Dovetails	Bit Depth/Router Adjustment	Bit Depth/Router Adjustment	Bit Depth/Router Adjustment	Bit Depth/Router Adjustment	Bit Depth/Router Adjustment
STANDARD EQUIPMENT					
Finger (Box) Joint Spacer	NO	NO	NO	NO	YES
Single Pass Dovetail Spacer	NO	NO	NO	NO	YES
Nylon Stop Rod	NO	NO	NO	NO	YES
8mm Shank Bits	NO	NO	NO	YES	YES
1/2" to 8mm Collet Reducer	YES	YES	YES	YES	YES
Through Dovetail Bits	1 bit: 1/2" 8°	1 bit: 1/2" 8°	1 bit: 1/2" 8°	1 bit: 1/2" 8°	1 bit: 1/2" 8°
Through Dovetail Straight Bits	1 bit: 5/16"	1 bit: 5/16"	1 bit: 5/16"	1 bit: 5/16"	1 bit: 5/16"
Half-Blind Dovetail Bits	1 bit: 1/2" 8°	1 bit: 1/2" 8°	1 bit: 1/2" 8°	2 bits: 1/2" 8° and 1/2" 14°	2 bits: 1/2" 8° and 1/2" 14°
Template Guidebush	NO	NO	NO	1 guidebush: 7/16" diameter	1 e-Bush
Bridge Piece Material	NO	NO	NO	YES	YES
Fully Illustrated User Guide	YES	YES	YES	YES	YES
Instructional Video	NO	NO	VHS	DVD	DVD
OPTIONAL EQUIPMENT					
Through Dovetail Bits	6	6	6	6	6
Through Dovetail Straight Bits	2	2	2	2	2
Half-Blind Dovetail Bits	4	4	4	3	3
Template Guide Sizes	2	2	2	1	1

* UPGRADE KIT for the D4R includes the following:

- Finger Joint Spacer
- Single Pass Half-Blind Dovetail Spacer
- Single Pass Half-Blind Dovetail Stop Rod
- e7 Template Guidebush
- Pin Wrench for e7 Guidebush adjustment
- Revised User Guide/Technical Bulletin for guide finger modification

* Kit is applicable to all 24" D-Series Jigs but requires user made spacers and finger modification.