

LEIGH DOVETAIL JIGS COMPARISON

FEATURES

	D4R Pro 2010 to present	SUPER 12 2007 to present	SUPER 18 2007 to present	SUPER 24 2007 to present	RTJ400 2014 to present	R9 Plus 2011 to present
CONSTRUCTION						
Jig Body	Machined Aluminum Extrusion	2-Piece Aluminum Extrusion	2-Piece Aluminum Extrusion	2-Piece Aluminum Extrusion	Machined Aluminum Extrusion	User made: Wood
Jig Body End Housings	Cast Metal	Glass-reinforced Nylon	Glass-reinforced Nylon	Glass-reinforced Nylon	Glass-reinforced Nylon	N/A
Finger Style	2-piece	1-piece	1-piece	1-piece	Machined Aluminum Template	Machined Aluminum Template
Sidestops	CNC Machined In	Bolt-On Adjustable	Bolt-On Adjustable	Bolt-On Adjustable	Adjustable Screw On	Adjustable Screw On
Clamping Mechanism	Cam-Action Speed-Clamp	Cam-Action Speed-Clamp	Cam-Action Speed-Clamp	Cam-Action Speed-Clamp	Cam-Action Speed-Clamp	F-Clamps
Clamping Surface	Machine Textured	Non-Slip Tape	Non-Slip Tape	Non-Slip Tape	Machine Textured	User Made: Wood, Plywood or MDF
Clamp Bars	Trapezoid Aluminum	Trapezoid Aluminum	Trapezoid Aluminum	Trapezoid Aluminum	Glass-reinforced Nylon Arms	N/A
Crosscut Fence (For Sliding Dovetails)	Rigid Plastic Extrusion	Rigid Plastic Extrusion	Rigid Plastic Extrusion	Rigid Plastic Extrusion	N/A	N/A
Bridge Piece Material	Rigid Plastic Extrusion	Rigid Plastic Extrusion	Rigid Plastic Extrusion	Rigid Plastic Extrusion	Injection Molded Blocker	N/A
CAPACITIES						
Maximum Board Thickness	1-1/2"	1"	1"	1"	1"	7/8"
Minimum Board Thickness	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
Maximum Board Width	24"	12"	18"	24"	16"	Unlimited
Minimum Board Width / Min. Pin Centers	1"	7/8"	7/8"	7/8"	1-1/2" (3/4" with procedure)	1-1/2" (3/4" with procedure)
Maximum Through Pin/Tail Board Thickness	Pin 1-1/4", Tail 1-1/2"	Pin 13/16", Tail 1"	Pin 13/16", Tail 1"	Pin 13/16", Tail 1"	Pin 13/16", Tail 1"	Pin 13/16", Tail 1"
Maximum Half-Blind Board Thickness	1-1/2"	1"	1"	1"	1"	N/A
JOINT OPTIONS						
Variably Spaced Through Dovetails	YES	YES	YES	YES	NO (2 Fixed Widths)	NO (Fixed Width)
Variably Spaced Half-Blind Dovetails	YES	YES	YES	YES	NO	NO
Single Pass (Fixed) Half-Blind Dovetails	YES	YES	YES	YES	YES	NO
Sliding Dovetails	YES	YES	YES	YES	NO	NO
Rabbeted Half-Blind Dovetails	YES	YES	YES	YES	YES	NO
Box (Finger) Joints w/DT Finger Assembly	3/8" & 3/4" Adjustable Fit	5/16" & 5/8" Adjustable Fit	5/16" & 5/8" Adjustable Fit	5/16" & 5/8" Adjustable Fit	3/32", 3/16, 3/8" & 3/4" Adjustable Fit	3/16, 3/8" & 3/4" Adjustable Fit
Box (Finger) Joints w/Optional Template	11 sizes	NO	6 sizes	6 sizes	NO	NO
Inlaid Dovetails	YES	YES	YES	YES	NO	NO
End-on-End Dovetails	YES	YES	YES	YES	YES	NO
Asymmetrical Joints (Through and HB)	YES	YES	YES	YES	NO	NO
Simple Angle Joints	YES	YES	YES	YES	YES	YES
Obtuse Angle Joints	YES	Limited	Limited	Limited	NO	NO
Acute Angled Joints	YES	Limited	Limited	Limited	NO	NO
Compound Angled Joints	YES	Limited	Limited	Limited	NO	NO
Needle Pins	YES	YES	YES	YES	NO	NO
Shelf Holes and Shelf Notches	YES	YES	YES	YES	NO	NO
Isoloc Joints	6 Patterns with Templates	NO	2 Patterns with Template	4 Patterns with Templates	NO	NO
Mortise & Tenon Joints	With Attachment	NO	NO	NO	NO	NO
JOINT SPACING						
Through and HB Variable Tail Spacing	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable	Fixed Width	Fixed Width
Through and HB Variable Tail Sizing	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable	Fixed Width	Fixed Width
Through and HB Variable Pin Spacing	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable	Fixed Width	Fixed Width
Through Variable Pin Sizing	Infinitely Variable	Use Technical Bulletin	Use Technical Bulletin	Use Technical Bulletin	Fixed Pitch	Fixed Pitch
JOINT FIT						
Through Adjustment for Fit	Easy Recordable, Repeatable Pin Scale Setting	Easy Recordable, Repeatable Pin Scale Setting	Easy Recordable, Repeatable Pin Scale Setting	Easy Recordable, Repeatable Pin Scale Setting	Easy Recordable, Repeatable e-Bush Setting	Easy Recordable, Repeatable e-Bush Setting
Half-Blind Adjustment for Fit	Bit Depth	Bit Depth	Bit Depth	Bit Depth	e-Bush Setting	N/A
STANDARD EQUIPMENT						
Spacer, for Box (Finger) Joints	YES	YES	YES	YES	N/A	N/A
Spacer, for Single Pass Dovetails	YES	YES	YES	YES	N/A	N/A
Nylon Stop Rod	YES	YES	YES	YES	YES	NO
8mm Shank Bits	YES	YES	YES	YES	1/2"	8mm & 1/2"
1/2" to 8mm Collet Reducer	YES	YES	YES	YES	N/A	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° (80-500)	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: 1/2" (160)	1 bit: 1/2"
Half-Blind Dovetail Bits	2 bits: 1/2" 8° and 1/2" 14°	2 bits: 1/2" 8° and 1/2" 14°	2 bits: 1/2" 8° and 1/2" 14°	2 bits: 1/2" 8° and 1/2" 14°	1 bit: 1/2" 14° (120-500)	N/A
Box Joint Bits	1 bit: 5/16"	1 bit: 5/16"	1 bit: 5/16"	1 bit: 5/16"	1 bit: 3/8" (143-500)	NO
Guide Bushing	e7 eBush	e7 eBush	e7 eBush	e7 eBush	e10 eBush	e10 eBush
Bridge Piece Material	YES	YES	YES	YES	YES, Blockers	NO
Fully Illustrated User Guide	YES	YES	YES	YES	YES	YES
Instructional Video	DVD	DVD	DVD	DVD	DVD	NO
OPTIONAL EQUIPMENT						
Through Dovetail Bits	6	4	4	4	4	1
Through Dovetail Straight Bits	2	0	0	0	1	1
Half-Blind Dovetail Bits	3	3	3	3	2	N/A
Box Joint Bits	N/A	N/A	N/A	N/A	2	2
Guide Bushing Sizes	1	0	0	0	1	1

N/A: Not Applicable