

Thank you for your interest in the through-dovetail jigs tool review from issue 175 of WOOD® magazine.

Please note this chart is only part of the review. To download the complete review, visit the WOOD Store at www.woodstore.net

THROUGH-DOVETAIL JIGS UNDER \$350

BRAND	MODEL	JIG STYLE (1)		OUT-OF-BOX		JOINT CAPABILITY (2)		WITH OPTIONAL ACCESSORIES	ADDITIONAL ACCESSORIES REQUIRED FOR THROUGH DOVETAILS (3)	TEMPLATE MATERIAL (4)	ROUTER GUIDING SYSTEM (5)	GUIDE BUSHING DIAMETER (FOR PINS) (INCHES) (6)	SHANK SIZE (7)	THROUGH-DOVETAIL ROUTER BITS			CAPACITIES (INCHES)		PERFORMANCE GRADES (13)			ACCESSORIES (15)		
		B	H	B,T	D,G,S,T	S	G							DOVETAIL ANGLE (DEGREES)	DOVETAIL BIT SIZE (DxH, INCHES)	STRAIGHT BIT SIZE (DxH, INCHES) (8)	MINIMUM THICKNESS (9)	MAXIMUM THICKNESS (10)	MINIMUM WIDTH (11)	MINIMUM SPACING (ON CENTER)	MINIMUM WIDTH	EASE OF INITIAL SETUP	EASE OF CHANGING SETUP	EASE OF TUNING FIT OF JOINT (14)
CMT	CMT300	B	H	B,T	D,G,S,T	S	G	5/8, 7/16	1/4***	8	1/2 X 1	5/16 X 1	5/16	25/32	11 3/4	1	1/2	<p>Note: To view the Performance Grades, you must purchase the complete review, available at www.woodstore.net</p>	G,HB,HT	AB,B,S,SB,T,TB	I	L	\$130	
Craftsman	25455	B	H	B,T	D,S	PS	G	1/2, .400	1/4"	7 1/2	9/16 X 1	1/4 X 1	3/8	1	16	1	9/16		B,G,HB,HT,T	G,S,SB,TB	U	L	\$200	
Hartville	GFK1800	B	H,T	B		A	G	3/4, 5/8	1/4"	7	3/4 X 7/8	1/4 X 1	3/8	3/4	18	1 1/8	3/4		G,HB,HT,SB,T,TB	B	U	1	\$250*	
Katie Jig	KJ12000002	W	T	B		A	B	N/A	1/4"	7	7/16 X 3/4	5/8 X 3/4	1/4	3/4	U	1 3/8	7/16		SB,TB	B,C,H	U	1	\$260	
Keller	1500	W	T	B		P	B	N/A	1/4"	7	7/16 X 3/4	5/8 X 3/4	1/4*	3/4*	U	1 1/8	7/16		SB,T,TB	AB, C	U	1	\$160	
Leigh	D1600	B	B,H,S,T	E		Z	G	7/16	8mm*	8	1/2 X 1 3/4	5/16 X 1	1/8	1 3/16	16	7/8	1/4		G,HB,R,SB,TB	AB,E,V	CA	5	\$330	
MLCS	8712	W	T			A	G	5/8	1/2**	14	3/4 X 7/8	3/8 X 1	1/4	7/8	U	1 1/8*	3/4*		G,SB,T,TB		CH	1	\$50	
Porter-Cable	4212	B	B,H,S,T			A	G	3/4, 5/8	1/2"	7	17/32 X 3/4	1 3/32 X 1	1/4	1	12	1	17/32		B,G,HB,HT,SB,T,TB		CH	1	\$160	
Rockler	23882	B	H,T			P	G	7/16	1/4"	8	1/2 X 1 3/4	5/16 X 1	3/8	3/4	12	1	1/2		G,HB,HT,SB,T,TB		T	1	\$140	
Woodline	WL-RJT	W	E	H,T	T	H	G	7/16, 5/16	1/4"	14	1/2 X 1 1/2	3/16 X 3/4*	1/4	3/8**	14	1	1/2		E,G,HB,SB,TB	AB,E,HT, T	U	L	\$180	

NOTES:

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| <p>1. (B) Benchtop
(W) Workpiece-mounted</p> <p>2. (B) Box joints
(E) Exotic joints
(H) Half-blind dovetails
(S) Sliding dovetails
(T) Through dovetails</p> <p>3. (D) Dovetail bit
(G) Guide bushing
(S) Straight bit
(T) Template</p> <p>4. (A) Aluminum
(H) High-density polyethylene
(P) Phenolic
(PS) High-impact polystyrene
(S) Steel
(Z) Zinc alloy</p> | <p>5. (B) Bearing
(G) Guide bushing</p> <p>6. (N/A) Uses bearing-guided bits, not guide bushings.</p> <p>7. (*) 1/4" bits also available
(**) 1/2" bits also available</p> <p>8. (*) Spiral bit</p> <p>9. (*) 1/8" minimum thickness when using optional small bit set</p> <p>10. (*) 1" with rabbeted pins
(**) Manufacturer plans to offer templates and bits that will machine through dovetails in 3/4" stock.</p> <p>11. (U) Unlimited</p> | <p>12. (*) Template also available with 1"-wide tails and pins 2" on center.</p> <p>13. A Excellent
B Good
C Fair</p> <p>14. (N/A) Preset by manufacturer. No front or back adjustments available.</p> <p>15. (AB) Alternate bits
(B) Box-joint template
(C) Clamp kit
(E) Exotic joint templates
(G) Guide bushings
(H) Handles for router-table use
(HB) Half-blind dovetail bit
(HT) Half-blind dovetail template
(R) Collet reducer
(S) Router subbase</p> | <p>(SB) Straight bit
(T) Through-dovetail template
(TB) Through-dovetail bit
(V) Vacuum attachment</p> <p>16. (CA) Canada
(CH) China
(I) Italy
(T) Taiwan
(U) United States</p> <p>17. (L) Lifetime</p> <p>18. (*) Hartville kit #30073TD
Prices current at time of article production and do not include shipping, where applicable.</p> |
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