

Bits for the RTJ400

This chart shows all bits available for the RTJ400.

RTJ400 BIT SPECIFICATIONS												
Leigh Bits	A Bit Diameter	B Max. Cutting Depth	C Shank Diameter	D Shank Length	E Overall Length	F Angle	Use with Collet/Collet Reducer	Full Pitch Through Use with Straight Bit	Use with e-Bush	Half Pitch Through Use with Straight Bit	Use with e-Bush	
Through Dovetails												
50-8 Carbide Tipped	1/4"	1/4"	8mm	1-3/4"	2"	8°	8mm collet or 172-8 collet reducer	160 180 180C	e10	140-8 170 170C	e7 & e10	
60-8 Carbide Tipped	5/16"	3/8"	8mm	1-3/4"	2-1/8"	8°	8mm collet or 172-8 collet reducer	160 180 180C	e10	140-8 170 170C	e7 & e10	
70-8 Carbide Tipped	3/8"	1/2"	8mm	1-3/4"	2-1/4"	8°	8mm collet or 172-8 collet reducer	160 180 180C	e10	140-8 170 170C	e7 & e10	
75-8 Carbide Tipped	7/16"	5/8"	8mm	1-3/4"	2-3/8"	8°	8mm collet or 172-8 collet reducer	160 180 180C	e10	140-8 170 170C	e7 & e10	
80-500* Carbide Tipped	1/2"	13/16"	1/2"	1-3/4"	2-3/4"	8°	1/2" collet	160 180 180C	e10	-	-	
140-8 Carbide Tipped	5/16"	1-1/4"	8mm	1-3/4"	2-3/4"	Straight	8mm collet or 172-8 collet reducer	-	e7	-	-	
170* High Speed Steel	5/16"	1"	8mm [5/16"]	1-3/4"	3"	Straight	8mm collet or 172-8 collet reducer	-	e7	-	-	
170C* Solid Carbide	5/16"	1-1/4"	8mm [5/16"]	1-3/4"	2-3/4"	Straight	8mm collet or 172-8 collet reducer	-	e7	-	-	
160* Carbide Tipped	1/2"	1-1/4"	1/2"	1-3/4"	3"	Straight	1/2" collet	-	e10	-	-	
180* High Speed Steel	1/2"	1-1/4"	1/2"	1-3/4"	3-1/2"	Straight	1/2" collet	-	e10	-	-	
180C* Solid Carbide	1/2"	1-1/4"	1/2"	1-3/4"	3-1/2"	Straight	1/2" collet	-	e10	-	-	
Half-Blind Dovetails												
112-500 Carbide Tipped	1/2"	19/32"	1/2"	1-3/4"	2-9/16"	12°	1/2" collet	-	e10	-	-	
120-500* Carbide Tipped	1/2"	1/2"	1/2"	1-3/4"	2-1/2"	14°	1/2" collet	-	e10	-	-	
128-500 Carbide Tipped	1/2"	3/8"	1/2"	1-3/4"	2-3/8"	18°	1/2" collet	-	e10	-	-	
Box Joints												
163 High Speed Steel	3/32"	3/8"	1/4"	2"	2"	Straight	1/4" collet	-	e10	-	-	
166* High Speed Steel	3/16"	5/8"	1/4"	1-3/4"	2-7/8"	Straight	1/4" collet	-	e10	-	-	
166C* Solid Carbide	3/16"	5/8"	1/4"	1-3/4"	2-1/2"	Straight	1/4" collet	-	e10	-	-	
143-500* Carbide Tipped	3/8"	1-1/4"	1/2"	1-3/4"	3-1/4"	Straight	1/2" collet	-	e10	-	-	
173-500* High Speed Steel	3/8"	1-1/4"	1/2"	1-3/4"	3-3/4"	Straight	1/2" collet	-	e10	-	-	
173-500C* Solid Carbide	3/8"	1-1/4"	1/2"	1-3/4"	3"	Straight	1/2" collet	-	e10	-	-	

*Bits 80-500, 160, 120-500 & 143-500 come with the RTJ400

*Spiral upcut bits rout cleaner and faster, leaving a smoother finish



172-8
1/2" to 8mm collet reducer
1 1/4" long. For 8mm shank bits