

Coventry Die Sharpening Jig

Dimension Charts

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COVENTRY DIE SHARPENING JIG

	1/4" - 5/16"	3/8" - 1/2"	3/4"	1"
A	103°	103°	103°	103°
A1	77°	77°	77°	77°
A2	87.5°	87.5°	87.5°	87.5°
A3	90°	90°	90°	90°
A4	87.5°	87.5°	87.5°	87.5°
A5	60°	60°	60°	60°
A6	70°	70°	70°	70°
A7	70°	70°	70°	70°
A8	103°	103°	103°	103°
A9	90°	90°	90°	90°
A10	85°	85°	85°	85°
B	3.8075"	4.891"	5.4062"	6.000"
B1	2.110"	3.000"	3.125"	3.750"
B2	3.7975"	4.875"	5.4062"	5.9375"
B3	2.080"	3.0625"	3.1875"	3.6875"
B4	0.3125"	0.375"	0.500"	0.4375"
B5	0.278"	0.359"		0.375"
B6	0.3845"	0.453"	0.750"	0.750"
B7	0.512" ±	0.7656" ±	0.8750" ±	0.9375" ±
B8	0.5156" ±	0.750" ±	0.625" ±	0.9375" ±
B9	0.7188"	0.7656"		0.750"
B10	0.9575" ±	1.125" ±	1.500" ±	1.4688" ±
B11	0.7075" ±	0.750" ±	0.7812" ±	0.8125" ±
B12	1.0220"	1.0625"	1.250"	1.875"
B13	0.6525"	0.8281"	1.000"	1.0312"
B14	0.270"	0.3125"	0.4062"	0.375"
B15	0.2335"	0.250"	0.375"	0.3125"
B16	0.125"	0.625"	0.125"	0.125"
C	2.805" ±	3.6875" ±	3.6562" ±	4.125" ±
C1	1.9062"	2.6875"	3.2812"	3.8125"
C2	0.6562"	1.0625"	1.3125"	1.500" ***
C3	1.9062"	2.6875"	3.3125"	3.8125"
C4	0.5781"	0.859"	1.250"	1.1875" ***
C5	0.2795"	0.500"	1.7812"	0.7812"
C6	1.1406" ±	1.625"	1.9688"	2.0625"

COVENTRY DIE SHARPENING JIG

	1/4" - 5/16"	3/8" - 1/2"	3/4"	1"
D	0.3438" dia	0.375" Dia.	0.4075"	0.4062"
D1	0.206" dia	0.250" Dia.	0.269"	0.3125"
D2	2 BA	0.250" x 26 tpi	0.3125" x 22 tpi	0.3125 x 14 tpi
D2a	0.357" of thread	0.357" of thread	0.5445"	0.750"
D3	2 BA	2 BA	0.25" x 26 tpi	0.3125 x 22 tpi
D4	2 BA	0.1875"	0.25" x 26 tpi	0.3125" x 22 tpi
D5	1.400"	1.625"	1.958"	2.083"
D6	0.6406"	0.6875"	0.875"	1.000"
D7	0.2969"	0.3281"	0.250"	0.3438"
D8	0.7344"	0.8438"	1.150"	1.0938"
D9	0.4062"	0.5469"	0.856"	1.000"
D10	0.0156"	0.0312"	0.0312"	0.0312"
D11	0.1406"	0.197"	0.2188"	0.3125"
D12	0.7445"	1.041"	1.3438"	1.3438"
D13	0.224"	1.375"	1.3615"	0.629"
D14	0.5510"	0.8594"	1.125"	1.0312"
D15	0.6094"	0.7344"	0.9375"	1.000"
D16	0.6094"	0.8594"	1.125"	1.0625"
D17	0.5312"	0.9844"	1.4375"	1.500"
D18	0.3045"	0.4844"	0.5625"	0.6875" ±
D19	0.5840"	0.8125"	1.1562"	1.2188"
D20	0.375"	0.375"	0.625"	0.6875"
D21	1.000"	1.0625"	0.5938"	
D22	0.375"	0.3125"		0.2812"
D23	0.250"	0.5625"	0.5312"	
D24			1.000"	0.2812" ±
D25			0.7812"	0.9688"
D26			2 BA	2 BA
E	1.0938"	1.812"	1.8125"	1.966"
E1	0.6315"	0.625"	0.750" * *	1.105" * *
E2	0.245"	0.3125"	0.3125" * *	0.381" * *
E3	0.615"	0.109"	0.125" * *	0.125" * *
E4	0.1875"	0.250"	0.3125"	0.433"
E5	0.1285"	0.156"	0.1875" * *	0.188"
E6	2 BA	0.25" x 26 tpi	0.3125" x 22 tpi	0.4375 x 14 tpi ***
F	0.442"	0.625"	0.7475"	0.873"

COVENTRY DIE SHARPENING JIG

	1/4" - 5/16"	3/8" - 1/2"	3/4"	1"
F1	0.0312"	0.625"	0.0469"	0.075"
F2	0.1375"	0.203"	0.240"	0.219"
F3	4 BA	2 BA	0.25" x 26 tpi	0.3125" x 22 tpi
F4	6° bevel	6° bevel	6° bevel	6° bevel
F5	0.1915"	0.250"	0.750"	0.750"
G	0.634"	0.609"	0.749"	1.150"
G1	0.425"	0.453"	0.551"	0.750"
G2	0.427"	0.453"	0.408"	0.6175"
G3	0.04629"	0.0625"		0.100"
G4	0.245"	0.248"	0.2195"	0.382"
G5	2 BA	2 BA	0.25" x 26 tpi	0.3125" x 22 tpi
G6	0.375"	0.375"	0.500" ±	0.750" * *
G7	0.625"	0.625"	0.6875"	1.000"
G8	1.2188"	1.2188"	1.4375" +	1.937" * *
H	0.5938"	0.688"	0.875"	1.000"
H1	0.5938"	0.688"	0.875"	1.000"
H2	0.2735"	0.421"	0.559"	0.568"
H3	0.4955"	0.715"	0.814"	0.920"
H4	0.375"	0.524"		
H5		0.524"	0.433"	0.479"
H6	0.190"	0.250"	0.245"	0.325"
H7		0.3125"	0.433"	0.521"
H8	0.0915"	0.125"	0.215"	0.255"
H9		0.188"	0.245"	0.279"
H10	0.1415"	0.250"	0.315"	0.359"
H11	0.247" dia	0.3281"	0.346"	0.406"
H12	0.686"	1.000"	1.373"	1.501"
J		0.250"		
J1		0.750"		
J2		0.937"		
J3		0.500"		
J4		0.250"		
J5		0.250"		
J6		0.455"		
J7		0.089"		

COVENTRY DIE SHARPENING JIG

	1/4" - 5/16"	3/8" - 1/2"	3/4"	1"
J8		0.177"		
J9		0.0185"		
J10		0.1719"		
J11		0.2188"		
J12	0.2656"	0.281"	0.375"	0.375" ***
J13	0.1562" Dia	0.136" Dia	2 BA	2 BA ***
J14	0.447"	0.391"	0.515"	0.515" ***
J15	0.241"	0.219"	0.311"	0.311"
J16	0.0312"	0.0312"	0.050"	0.0312"
J17		0.297"		
K		1.094"	1.250"	1.620"
K1		0.766"	0.939"	1.275"
K2		0.234"	0.250"	0.278"
K3		0.63"	0.625"	0.630"
K4		0.065"	0.790"	0.109"
K5		0.1185"	0.151"	0.213"
L	5.296" ±	6.922" ±	7.555" ±	8.019" ±
L1	4.323" ±	5.406" ±	6.108" ±	6.601" ±
L2	2.750" ±	3.375" ±	3.937" ±	4.250" ±
L3	2.750" ±	2.8125" ±	3.937" ±	4.250" ±
L4	2.375" ±	2.234" ±	3.185" ±	3.4375" ±
L5	2.375" ±	3.094" ±	3.185" ±	3.4375" ±
L6	1.500" ±	1.937" ±	2.250" ±	2.3125" ±
L7	1.4375" ±	1.125" ±	2.1875" ±	2.3125" ±
L8	1.500" ±	1.875" ±	2.250" ±	2.3125" ±
L9	1.500" ±	1.8125" ±	2.1875" ±	2.3125" ±
L10	0.4062" ±	0.437" ±	0.5085" ±	0.573" ±
L11	0.875"	1.0625"	1.3125"	1.4062"
L12	0.875"	1.250"	1.500"	1.500"
L13	0.375" ±	0.406" ±	0.406" ±	0.502" ±
L14	0.750"	0.844"	1.000"	1.2188"
L15	0.8125" ±	1.391" ±	1.6875" ±	1.626" ±
L16	0.9375"	0.922"	1.0312"	1.125"
L17	1.375"	1.3125"		1.375"
L18	0.4375"	0.766"	0.750"	0.723"
L19	4.750" ±	6.047" ±		7.120" ±

COVENTRY DIE SHARPENING JIG

	1/4" - 5/16"	3/8" - 1/2"	3/4"	1"
L20	1.0312"	1.250"	1.244"	1.324"
L21	0.375"	0.375"	0.440"	0.435"
L22	1.3125"	1.547"	1.651"	1.722"
L23	1.755"	2.313"	2.815"	2.879"
M	1.997"			
M1	0.816"			
M2	0.150"			
M3	0.524"			
M4	0.623"			
M5	0.219"			
M6	0.812"			
M7	0.219"			
M8	0.236"			
M9	0.156"			
M10	0.225"			
M11	0.118"			
M12	0.172"			
M13	0.837"			
M14	0.625"			
M15	0.118"			
M16	0.161"			
M17	0.03125"			
N			2.781"	3.500"
N1			1.000"	1.250"
N2			2.344"	2.875"
N3			0.250"	0.313"
N4			0.625"	0.750"
N5			0.344"	0.375"
N6			0.750"	0.875"
N7			0.109"	0.125"
N8			0.203"	0.250"
N9			0.219"	0.213"
N10			0.187" dia	0.202" dia
N11			0.313" dia	0.330" dia
N12				0.375"

