

TOOLING DIMENSIONS

for SOUTH BEND LATHES

All dimensions are in inches and are subject to change

SWING OVER BED, SADDLE, COMPOUND REST

Size Lathe	9'	10 K	10'	13'	14½'	16'
A	9¼	10	10½	13½	14½	16¼
B	6¾	8¾	10¼	11½
C	5½	6¼	5½	7¾	8¾	9½

SPINDLE NOSE THREAD

Size Lathe	9' and 10 K	10' and 13' 1½" Collar	13'-1½" Collar	14½'-¾" Collar	14½'-1½" Collar	16'
E	1½-8	2¼-8	1½-8	2¼-6	2¾-6	2¾-6
F	1½	1½	1½	1½	1½	1½
G	1.509	2.259	1.884	2.259	2.384	2.384
H	¾	1¾	1¾	1¾	1¾	1¾

SPINDLE TAPER, SPINDLE HOLE, SPINDLE LENGTH

Size Lathe	9'	10 K	10'-1½" Collar	13'-1½" Collar	13'-1½" Collar	14½'-¾" Collar	14½'-1½" Collar	16'
B	.938	.938	1.629	1.231	1.629	1.325	1.629	1.629
D	.602	.602	.602	.623	.602	.602	.602	.602
K	4¼	5¼	11½	1	11½	1½	11½	11½
N	2	2	2	3	3	3	3	3
J	12¼	12¼	13½	19½	21½	22¾	24¾	24½

TOOL POST OPENING

Size Lathe	9' and 10 K	10'	13'	14½'	16'
D	1½	1½	1¾	1¾	1¾
M	1½	1½	1½	2½	2½
N	¾	...	1¼	1¾	1¾

COMPOUND REST TOP

Size Lathe	9' and 10 K	10'	13'	14½'	16'
C	1½	1½	1½	1½	2¼
G	¾	1	1¼	1¼	1½
J	¾	2¼	¾	¾	¾
K	¾	¾	1½	1½	1½
Y	2½	2½	3½	4	4½
W	1½	1½	1¾	2¼	2¼

COMPOUND REST BASE

Size Lathe	9'	10 K	10'	13'	14½'	16'
O	2¾	2¾	2¾	4	4½	4½
P	3¾	3¾	3¾	4½	5½	5½
Q	4¾	4¾	4¾	5½	6½	6½
R	1¾	1¾	1¾	2¼	2½	2¾
S	2¾	2¾	2¾	3¾	4¾	4¾

SADDLE DOVETAIL

Size Lathe	9'	10 K	10'	13'	14½'	16'
A	3½	3¾	3¾	5½	5¾	6¾
B	.7655	.7655	.8328	1.1753	1.2690	1.4253
E	1.5253	1.5253	1.6032	2.1631	2.4756	2.7256
L	3¼	3¼	¾	¾	¾	¾
W	3¼	3¼	3¾	4¾	4¾	5¾
X	10¼	10¼	11¾	16½	18¾	19¾

South Bend Lathe

400 WEST BATTLE STREET SOUTH BEND, INDIANA 46701

T7324-5-73

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