

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	10⅞	13⅞	14⅝	16¼
B	6¾	8¾	10¼	11⅞
C	5½	6¼	5⅞	7¾	8¾	9⅝

SPINDLE NOSE THREAD

Size Lathe	9" and 10 K	10" and 13" 1⅞" Collet	13"-1¼" Collet	14½"-¾" Collet	14½"-1⅞" Collet	16"
E	1½-8	2¼-8	1⅞-8	2¼-6	2⅝-6	2⅝-6
F	1⅞	1⅞	1⅞	1⅞	1⅞	1⅞
G	1.509	2.259	1.884	2.259	2.384	2.384
H	⅞	1⅞	1⅞	1⅞	1⅞	1⅞

SPINDLE TAPER, SPINDLE HOLE, SPINDLE LENGTH

Size Lathe	9"	10 K	10"-1⅞" Collet	13"-1¼" Collet	13"-1¼" Collet	14½"-¾" Collet	14½"-1⅞" Collet	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	4⅞	5⅞	11⅞	1	11⅞	1⅞	11⅞	11⅞
N	2	2	2	3	3	3	3	3
J	12¼	12¼	13⅞	19⅞	21⅞	22⅞	24⅞	24⅞

TOOL POST OPENING

Size Lathe	9" and 10 K	10"	13"	14½"	16"
D	1⅞	1⅞	1⅞	1⅞	1⅞
M	1⅞	1⅞	1⅞	1⅞	1⅞
N	⅞	...	1¼	1¼	1¼

COMPOUND REST TOP

Size Lathe	9" and 10 K	10"	13"	14½"	16"
C	1⅞	1⅞	1⅞	1⅞	2⅞
G	⅞	1	1¼	1⅞	1⅞
J	⅞	2⅞	⅞	⅞	⅞
K	⅞	⅞	1⅞	1⅞	1⅞
Y	2½	2⅞	3⅞	4	4½
W	1⅞	1⅞	1⅞	2⅞	2⅞

COMPOUND REST BASE

Size Lathe	9"	10 K	10"	13"	14½"	16"
O	2⅞	2⅞	2⅞	4	4⅞	4⅞
P	3⅞	3⅞	3⅞	4½	5⅞	5¾
Q	4⅞	4⅞	4⅞	5⅞	6⅞	6⅞
R	1⅞	1⅞	1⅞	2¼	2½	2¾
S	2⅞	2⅞	2⅞	3¼	4⅞	4⅞

SADDLE DOVETAIL

Size Lathe	9"	10 K	10"	13"	14½"	16"
A	3⅞	3⅞	3⅞	5⅞	5¾	6⅞
B	.7655	.7655	.8328	1.1753	1.2690	1.4253
E	1.5253	1.5253	1.6032	2.1631	2.4756	2.7256
L	2⅞	2⅞	⅞	⅞	⅞	⅞
W	3¼	3¼	3⅞	4⅞	4⅞	5⅞
X	10⅞	10⅞	11⅞	16⅞	18⅞	19⅞

