

**Table II**  
Cross Reference Table

Tool Dash Number	Nominal Hole Diam (in)	Custom manufactured diam	Nominal Tool Diam (mm)	Stroke (in)
-5	(5/32)	.150/.162	0.156	1.5
-5A	(11/64)	.163/.179	0.172	1.5
-6	(3/16)	.180/.195	0.188	1.5
-6A	(13/64)	.196/.210	0.203	1.5
-7	(7/32)	.211/.227	0.219	1.5
-7A	(15/64)	.228/.240	0.234	1.5
-8	(1/4)	.241/.258	0.250	1.5
-8A	(17/64)	.259/.273	0.266	1.5
-9	(9/32)	.274/.288	0.281	1.5
-9A	(19/64)	.289/.305	0.297	1.5
-10	(5/16)	.306/.320	0.313	1.5
-10A	(21/64)	.321/.335	0.328	1.5
-11	(11/32)	.336/.352	0.344	1.5
-11A	(23/64)	.353/.365	0.359	1.5
-12	(3/8)	.366/.384	0.375	1.5
-12A	(25/64)	.385/.397	0.391	1.5
-13	(7/16)	.398/.414	0.438	1.5
-13A	(27/64)	.415/.429	0.422	1.5

**Table III**  
LOCK COLLAR CROSS REFERENCE TABLE

LOCK COLLAR SERIES	Lock Collar Dimension
21000	0.57
22000	1.17
23000	1.42
24000	1.67
25000	2.22

**All B Dimensions and Tolerances:**

B1 in 0.001" increments; tolerances +.000/-0.001

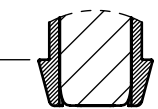
B2 in .01" increments; tolerances +.00/-0.01 (see Table III)

B3 in .1 increments; tolerances +.0/-0.1

Note: when ordering, don't forget to order a tool diameter smaller than the lower spec limit on the hole. It is up to the user to determine the necessary diameter of the tool to achieve the desired fit.

**DETAIL A**  
SCALE 2 : 1

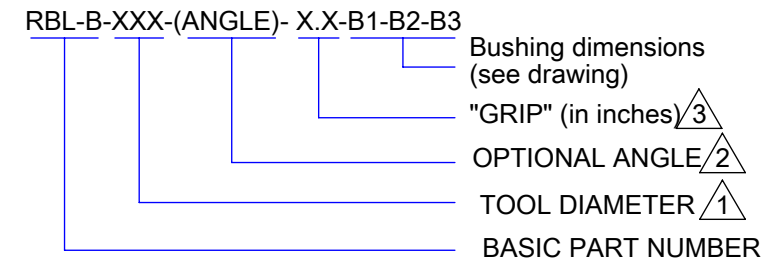
"ANGLE" for special requirements (180° shown)



**FUNCTION OF TOOL:**

=> USED TO TEMPORARILY CLAMP & ALIGN.

**TOOL ORDERING CODE:**



1 **TOOL DASH NUMBER (XXX)** is specified as either a *dash number* shown in TABLE II, or as a *custom diameter (XXX)*.

**STANDARD DIAMETERS:** if TOOL DIAMETER is called out as a dash number (-X), then the tool's manufactured diameter is shown in TABLE II. Nominal tool diameter tolerance is +0.000/-0.004 inches and applies to values shown in TABLE II (see example tool code below).

**Custom DIAMETER requirements:** if TOOL DIAMETER is called out as a 3 PLACE number (XXX), then the tool is manufactured to the specified diameter. Nominal tool diameter tolerance is -0.001/-0.003" (see example tool code below).

2 **Optional ANGLE callout:** Standard tool configuration is the "ANGLE" on clamping feet = 180°, and will be provided if no ANGLE is called out. If the tool is to be used to clamp in a c'sink hole, or is to be used in other special requirements, then specify the desired angle (see detail view A) in the "(ANGLE)" space located in the part number (see example tool code below).

3 **Required GRIP callout:** Specify max grip length in the part number (see example tool code below).  
Note: Stroke will still be 1.5"

**EXAMPLE TOOL CODE:**

**RBL-B-8-2.0-.375-.57-.5**  
=> Tool manufactured diameter will be between  $\phi 0.241$  to  $\phi 0.237$  for nominal hole diameter of  $\phi 1/4$ ".  
=> Angle on feet (see detail view A) will be 180° (default).  
=> Tool's grip range will be from 2.0 inch to 0.5 inch.  
=> Bushing dimensions B1=.375, B2=.57, B3=.5

**RBL-B-.252-5.0-.5-.75-1.0**  
=> Tool manufactured diameter will be between  $\phi 0.251$  to  $\phi 0.249$   
=> Angle on feet (see detail view A) will be 180° (default).  
=> Tool's grip range will be from 5.0 inch to 3.5 inch.  
=> Bushing dimensions B1=.500, B2=.75, B3=1.0

**RBL-B-.252-130-5.0-.5-.75-1.0**  
=> Tool manufactured diameter will be between  $\phi 0.251$  to  $\phi 0.249$   
=> Angle on feet (see detail view A) will be 130°.   
=> Tool's grip range will be from 5.0 inch to 3.5 inch.  
=> Bushing dimensions B1=.500, B2=.75, B3=1.0

PATENT PENDING

SCALE: 1:1  
UNLESS OTHERWISE NOTED

SHEET 1 OF 1  
USAGE AND ORDERING SHEET

25329 74th Ave South Kent, WA 98032  
Ph: 253-872-4773  
www.CENTRIX-LLC.com

**CENTRIX LLC**

**RBL-B-XXX-(ANGLE)-(X.X)**

TEMPORARY FASTENERS

NOTES:

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