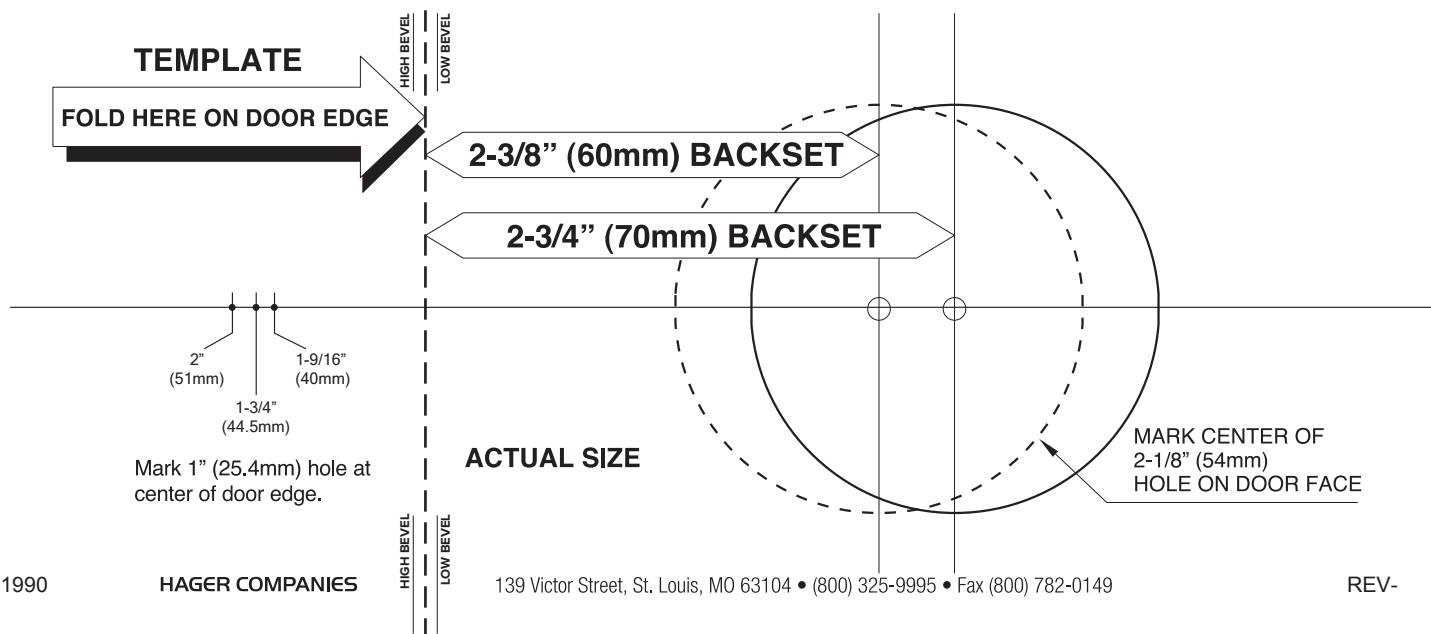


3100 Series ANSI Grade 1 Deadbolt

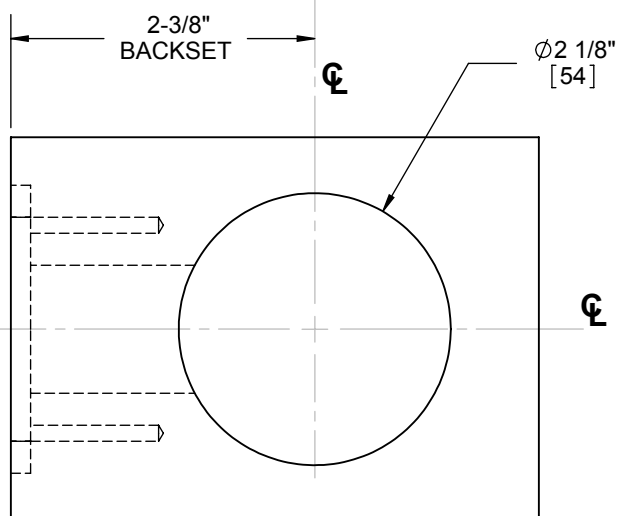
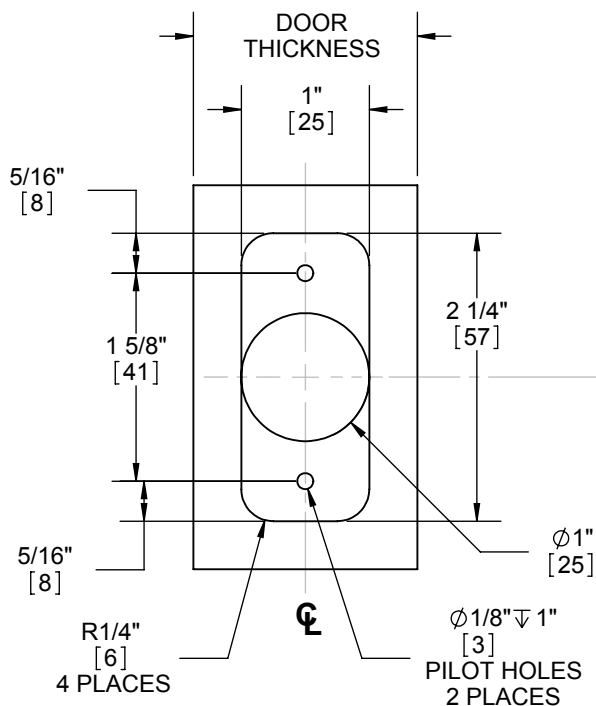
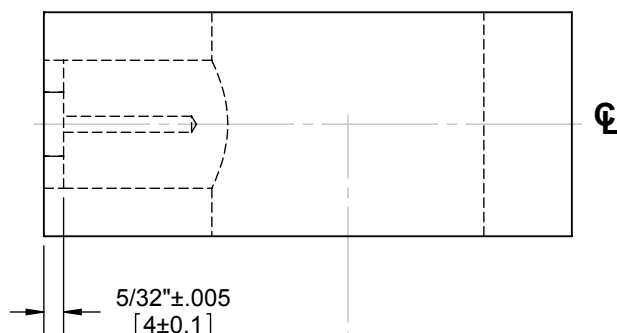
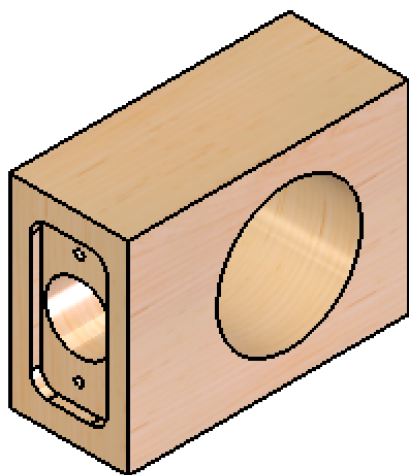


T-LS01990

HAGER COMPANIES

139 Victor Street, St. Louis, MO 63104 • (800) 325-9995 • Fax (800) 782-0149

REV-



DOOR TYPE: WOOD OR COMPOSITE, FLAT OR BEVELED

DOOR THICKNESS: 1 3/4"[45] - 2"[51]

FACEPLATE: 1/4"R, 1"[25] WIDTH

BACKSETS: 2 3/8"[60]

DIMENSIONS SHOWN IN BRACKETS [] ARE IN MILLIMETERS



HAGER RESERVES THE RIGHT TO MAKE DESIGN CHANGES WITHOUT NOTICE. CALL HAGER ENGINEERING AT 1-800-325-9995 FOR THE LATEST REVISION DATE OF TEMPLATE.

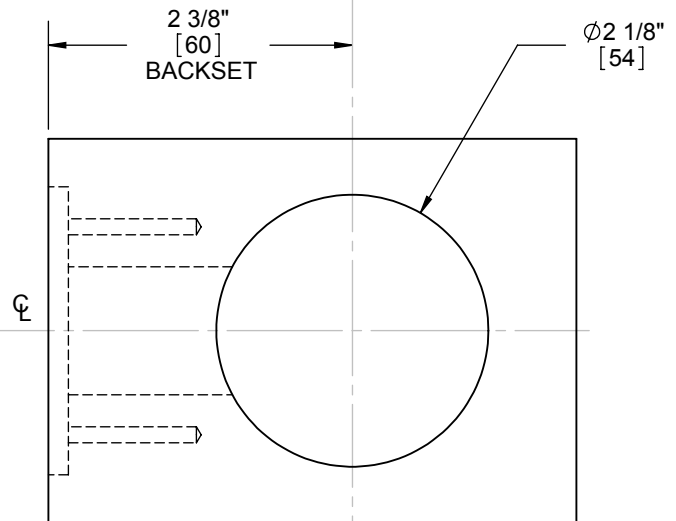
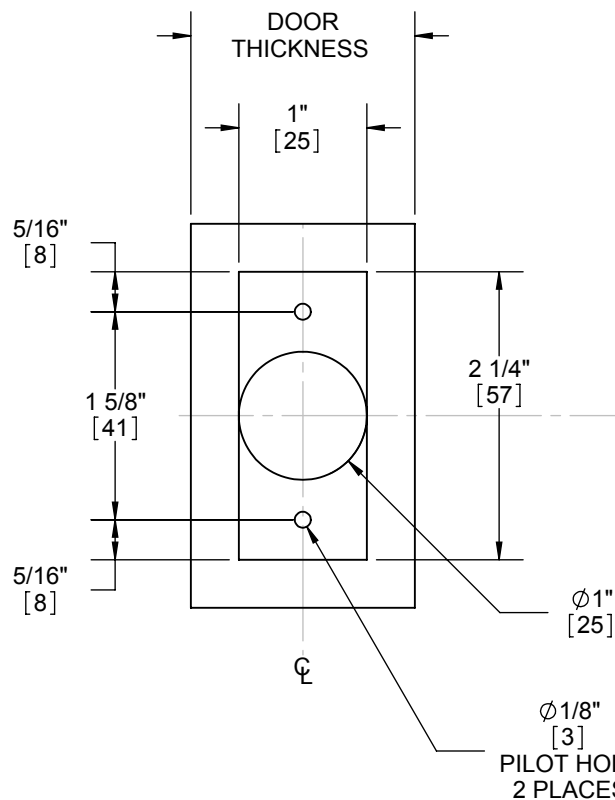
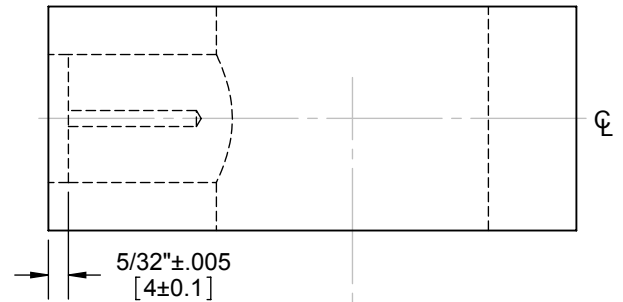
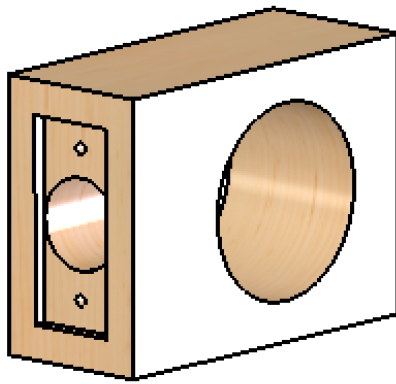
PRIMARY DIMENSIONS SHOWN IN INCHES, DIMENSIONS IN [] ARE MILLIMETERS.

MATERIAL	
FINISH	-
DO NOT SCALE DRAWING	

DRAWN	MRJ	11/19/2007
ENG. APPR.	MAM	12/5/2007
Q.A.		
TOLERANCES:		
FRACTIONAL: ±0.015"		
ANGULAR: MACH: ±1° BEND: ±1°		
TWO PLACE DECIMAL: ±0.01"		
THREE PLACE DECIMAL: ±0.004"		

3100 SERIES DEADBOLT
WOOD DOOR PREP TEMPLATE,
ROUND CORNER OPTION,
2-3/8" BACKSET

SIZE	DWG. NO.	REV.
A	T-LS00776	01
SCALE: 1:2	WEIGHT: 0.25	SHEET 1 OF 1



DOOR TYPE: WOOD OR COMPOSITE, FLAT OR BEVELED

DOOR THICKNESS: 1 3/4" [45] - 2" [51]

FACEPLATE: SQUARE 1" [25] WIDTH

BACKSETS: 2 3/8" [60]

DIMENSIONS SHOWN IN BRACKETS [] ARE IN MILLIMETERS



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MATERIAL

FINISH -

DO NOT SCALE DRAWING

DRAWN M MCRAE 9/27/2007

ENG. APPR. MRJ 12/5/2007-

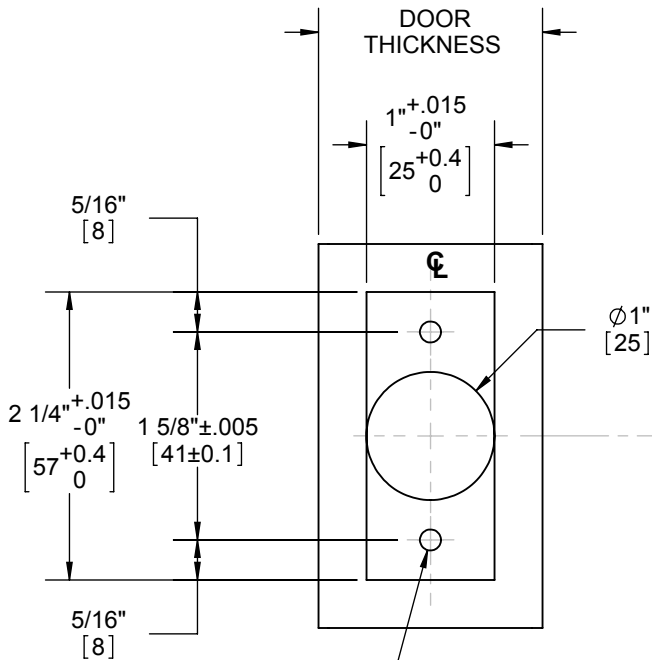
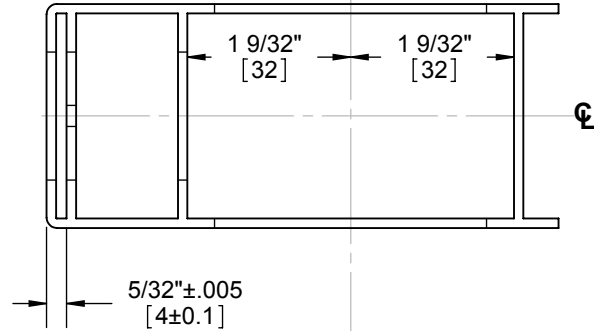
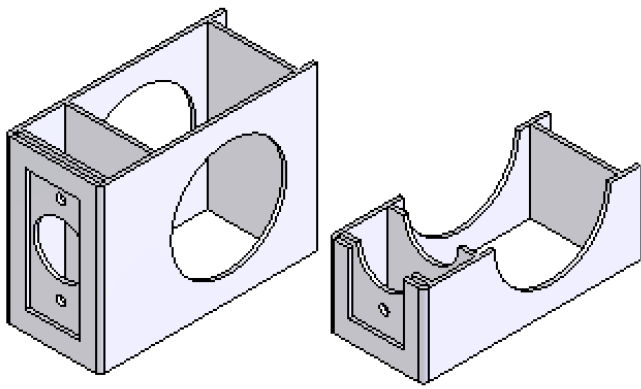
Q.A.

TOLERANCES:
FRACTIONAL: ±0.015"
ANGULAR: MACH: ±1° BEND: ±1°
TWO PLACE DECIMAL: ±0.01"
THREE PLACE DECIMAL: ±0.004"

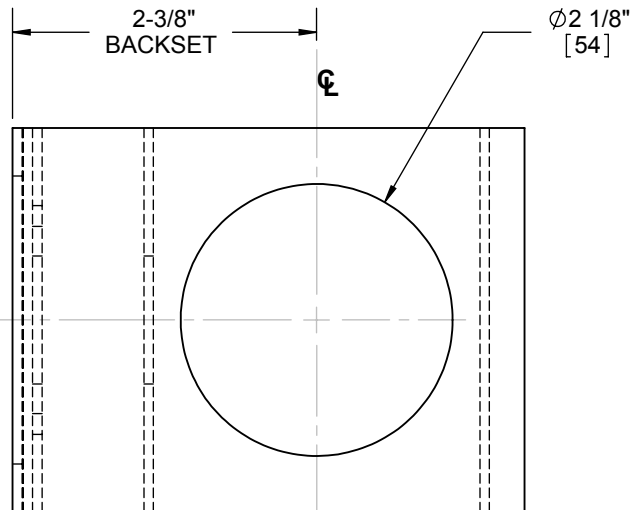
**3100 SERIES DEADBOLT
WOOD DOOR PREP TEMPLATE,
2-3/8" BACKSET**

SIZE **A** DWG. NO. **T-LS00775** REV. **01**

SCALE: NTS WEIGHT: SHEET 1 OF 1



DRILL & TAP
FOR #8-32 COMBO
SCREWS
2 PLACES



DOOR TYPE: METAL, FLAT OR BEVELED

DOOR THICKNESS: 1 3/4"[45] - 2"[51]

FACEPLATE: SQUARE 1"[25] WIDTH

BACKSETS: 2 3/8"[60]

DIMENSIONS IN [] ARE IN MILLIMETERS



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PRIMARY DIMENSIONS SHOWN IN INCHES, DIMENSIONS IN [] ARE MILLIMETERS.

MATERIAL
Material <not specified>

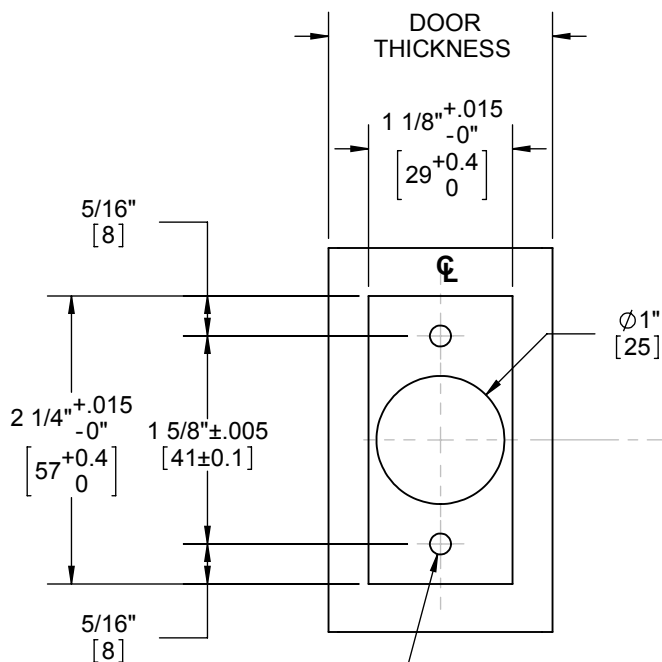
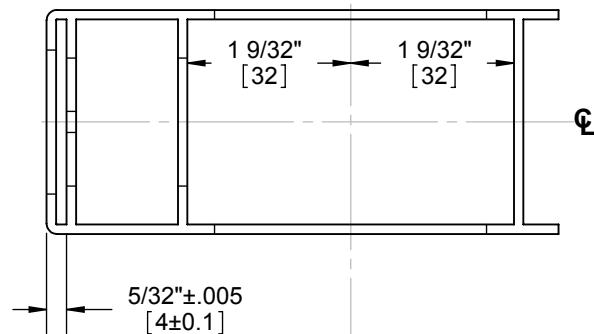
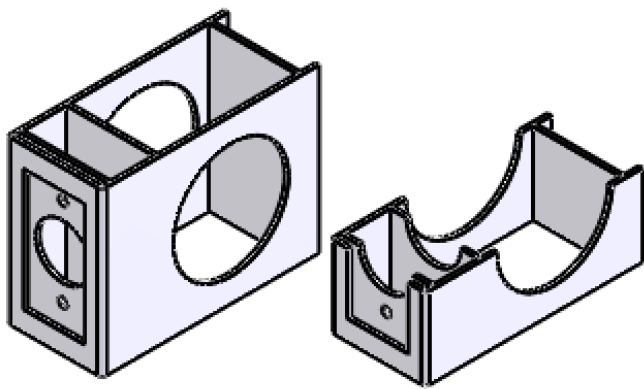
FINISH
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DO NOT SCALE DRAWING

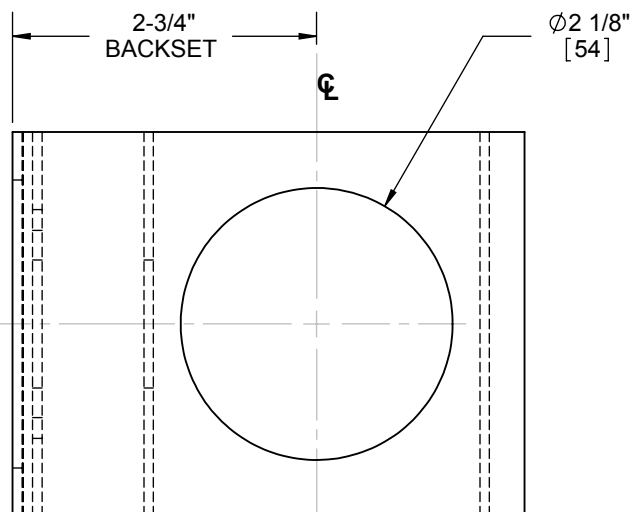
DRAWN	MRJ	12/13/2007
ENG. APPR.	-	-
Q.A.		
TOLERANCES:		
FRACTIONAL: ± 0.015 "		
ANGULAR: MACH: $\pm 1^\circ$ BEND: $\pm 1^\circ$		
TWO PLACE DECIMAL: ± 0.01 "		
THREE PLACE DECIMAL: ± 0.004 "		

**3100 SERIES DEADBOLT
METAL DOOR PREP TEMPLATE,
2-3/8" BACKSET**

SIZE A	DWG. NO. T-LS00774	REV. 01
SCALE: 1:2	WEIGHT: 0.09	SHEET 1 OF 1



DRILL & TAP
FOR #8-32 COMBO
SCREWS
2 PLACES



DOOR TYPE: METAL, FLAT OR BEVELED

DOOR THICKNESS: 1 3/4"[45] - 2"[51]

FACEPLATE: SQUARE 1 1/8"[29] WIDTH

BACKSETS: 2 3/4"[70]

DIMENSIONS IN [] ARE IN MILLIMETERS



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PRIMARY DIMENSIONS SHOWN IN INCHES, DIMENSIONS IN [] ARE MILLIMETERS.

MATERIAL
Material <not specified>

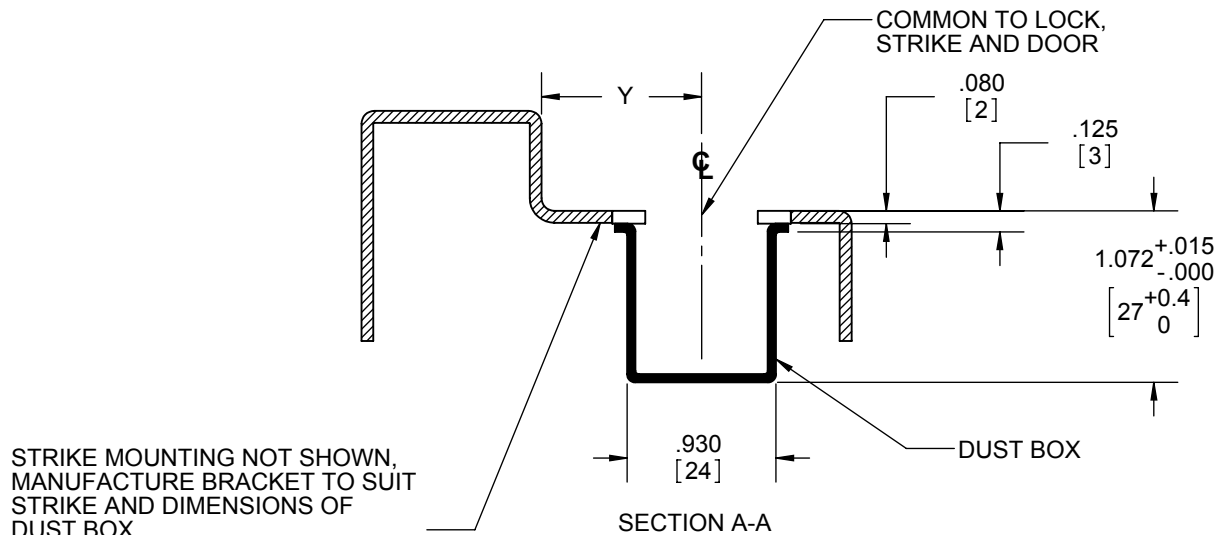
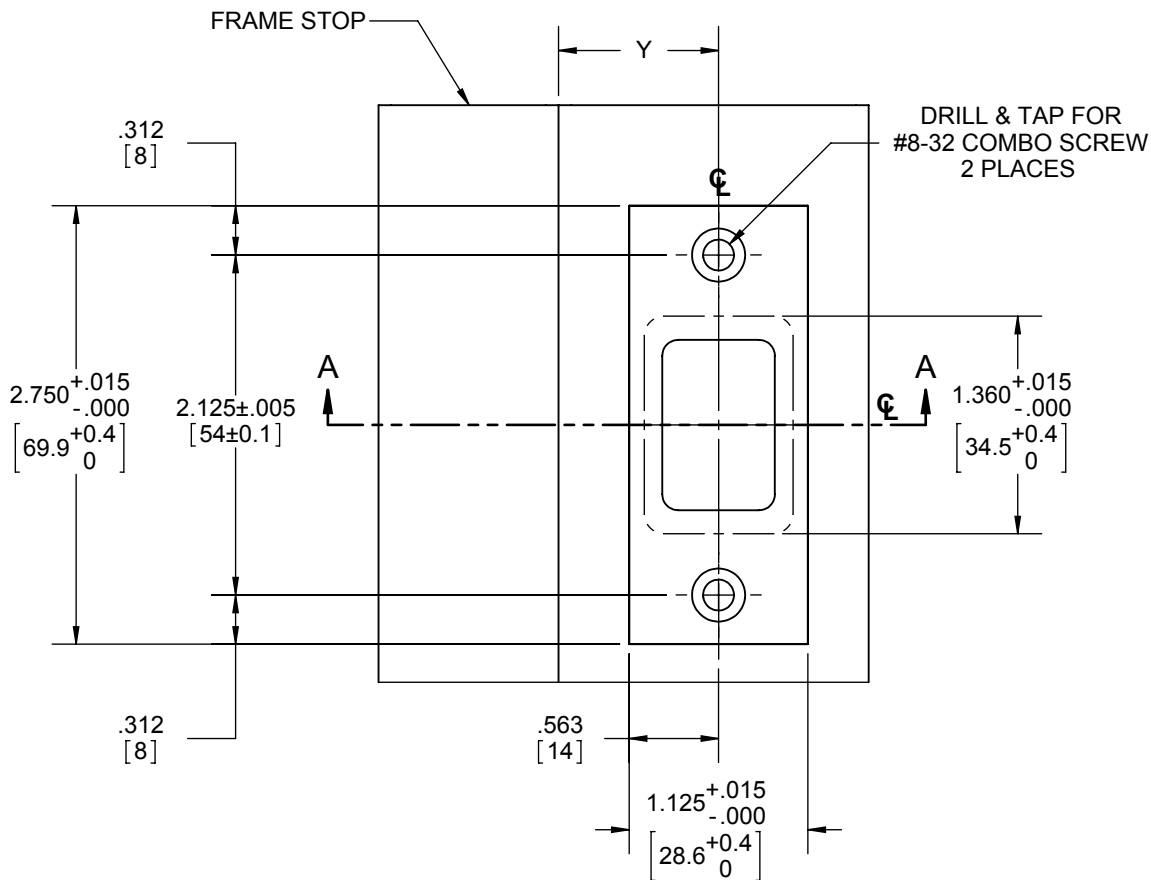
FINISH
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DO NOT SCALE DRAWING

DRAWN	MRJ	12/13/2007
ENG. APPR.	-	-
Q.A.		
TOLERANCES:		
FRACTIONAL: ± 0.015 "		
ANGULAR: MACH: $\pm 1^\circ$ BEND: $\pm 1^\circ$		
TWO PLACE DECIMAL: ± 0.01 "		
THREE PLACE DECIMAL: ± 0.004 "		

**3100 SERIES DEADBOLT
METAL DOOR PREP TEMPLATE,
2-3/4" BACKSET**

SIZE A	DWG. NO. T-LS00189	REV. 04
SCALE: 1:2	WEIGHT: 0.09	SHEET 1 OF 1



NOTES:

1. DIMENSION "Y" IS A FUNCTION OF DOOR THICKNESS
2. STRIKE LOCATION MUST BE CHANGED RELATIVE TO THICKNESS OF DOOR SILENCER OR WEATHERSTRIPPING WHEN USED.



HAGER RESERVES THE RIGHT TO MAKE DESIGN CHANGES WITHOUT NOTICE. CALL HAGER ENGINEERING AT 1-800-325-9995 FOR THE LATEST REVISION DATE OF TEMPLATE.

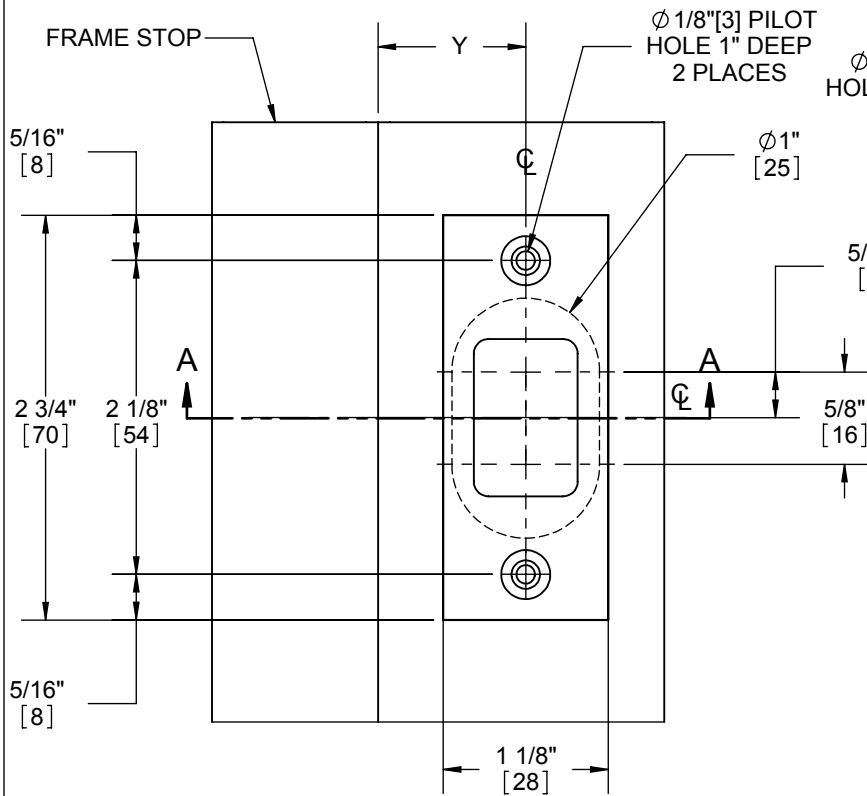
PRIMARY DIMENSIONS SHOWN IN INCHES, DIMENSIONS IN [] ARE MILLIMETERS.

MATERIAL	Material <not specified>
FINISH	-
DO NOT SCALE DRAWING	

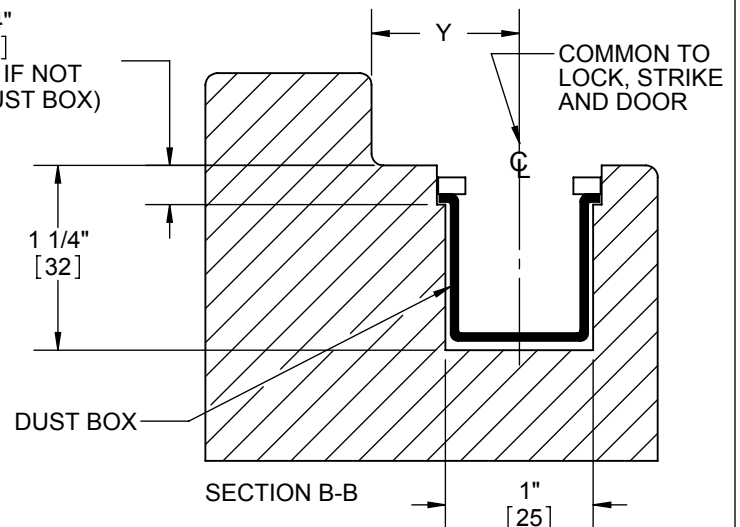
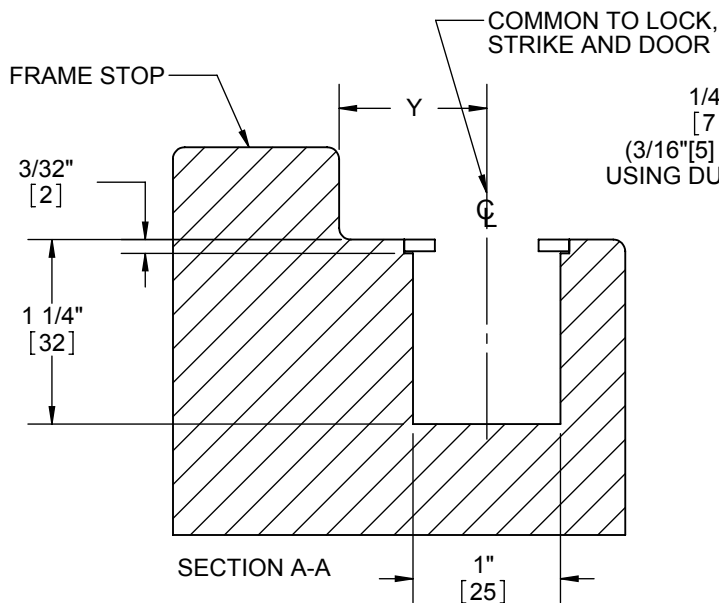
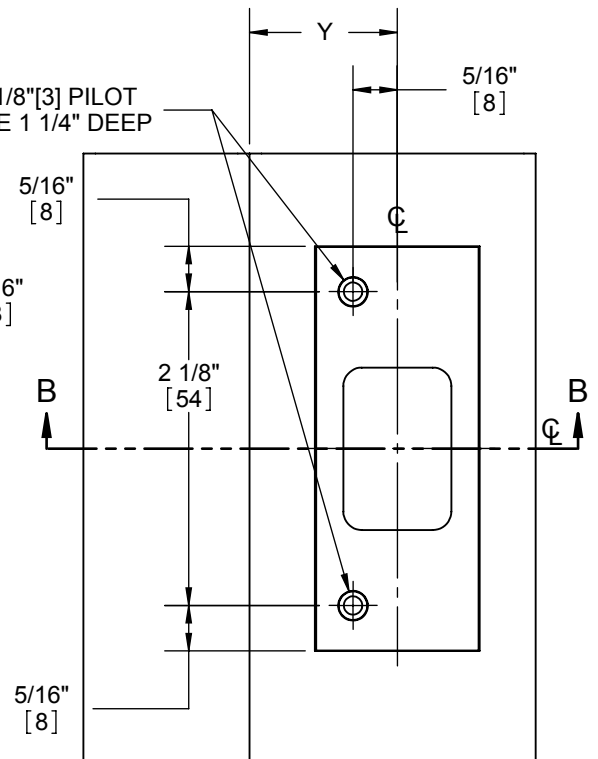
DRAWN	MRJ	12/10/2007
ENG. APPR.	-	-
Q.A.		
TOLERANCES:		
FRACTIONAL: ± 0.015 "		
ANGULAR: MACH: $\pm 1^\circ$ BEND: $\pm 1^\circ$		
TWO PLACE DECIMAL: ± 0.01 "		
THREE PLACE DECIMAL: ± 0.004 "		

3930 STRIKE PLATE		
METAL JAMB PREP TEMPLATE FOR 3100 AND 3200 SERIES DEADBOLTS		
SIZE	DWG. NO.	REV.
A	T-LS00180	02
SCALE: 1:2	WEIGHT: 0.18	SHEET 1 OF 1

STANDARD INSTALLATION



REINFORCER/DUST BOX INSTALLATION



NOTES:

1. DIMENSION "Y" IS A FUNCTION OF DOOR THICKNESS.
2. STRIKE LOCATION MUST BE CHANGED RELATIVE TO THICKNESS OF DOOR SILENCER OR WEATHERSTRIPPING WHEN USED.



HAGER RESERVES THE RIGHT TO MAKE DESIGN CHANGES WITHOUT NOTICE. CALL HAGER ENGINEERING AT 1-800-325-9995 FOR THE LATEST REVISION DATE OF TEMPLATE.

PRIMARY DIMENSIONS SHOWN IN INCHES, DIMENSIONS IN [] ARE MILLIMETERS.

MATERIAL
Material <not specified>

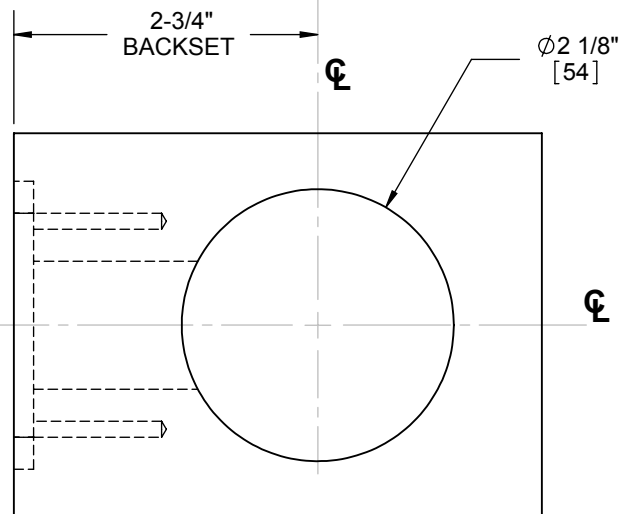
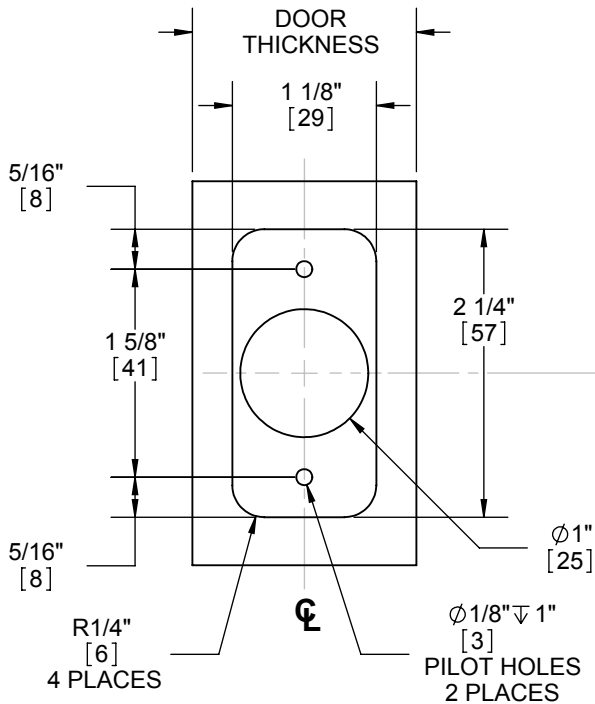
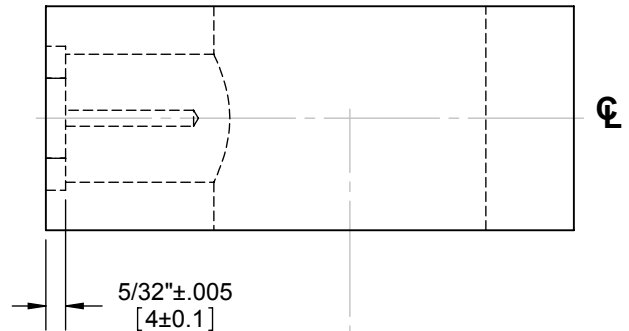
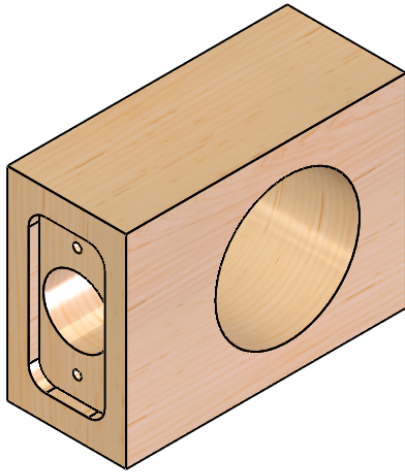
FINISH
-

DO NOT SCALE DRAWING

DRAWN	MRJ	12/10/2007
ENG. APPR.	-	-
Q.A.		
TOLERANCES:		
FRACTIONAL: $\pm 0.015"$		
ANGULAR: MACH: $\pm 1^\circ$ BEND: $\pm 1^\circ$		
TWO PLACE DECIMAL: $\pm 0.01"$		
THREE PLACE DECIMAL: $\pm 0.004"$		

3930 STRIKE PLATE
WOOD JAMB PREP TEMPLATE FOR
3100 AND 3200 SERIES DEADBOLTS

SIZE A	DWG. NO. T-LS00164	REV. 02
SCALE: 1:2	WEIGHT: 2.02	SHEET 1 OF 1



DOOR TYPE: WOOD OR COMPOSITE, FLAT OR BEVELED

DOOR THICKNESS: 1 3/4"[45] - 2"[51]

FACEPLATE: 1/4"R, 1 1/8"[29] WIDTH

BACKSETS: 2 3/4"[70]

DIMENSIONS SHOWN IN BRACKETS [] ARE IN MILLIMETERS



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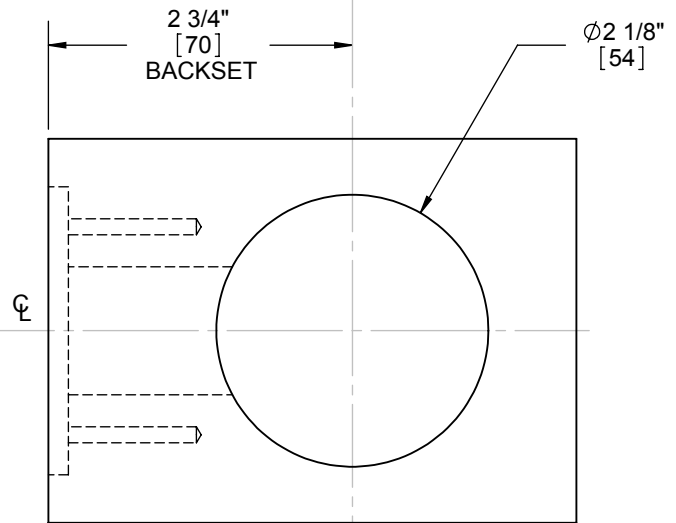
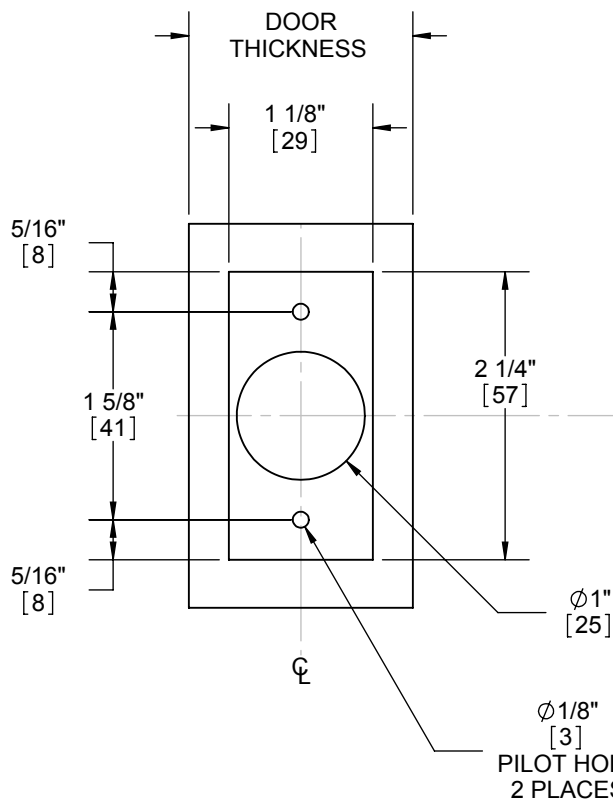
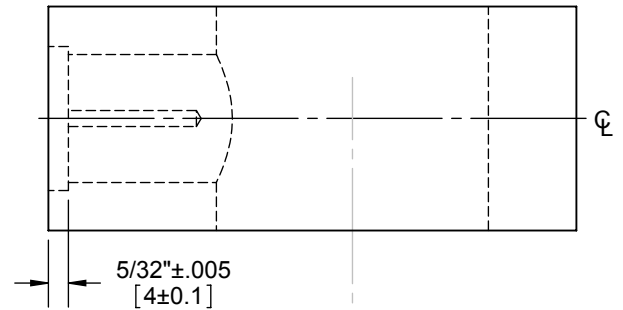
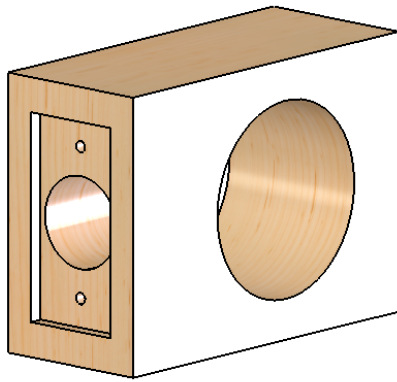
PRIMARY DIMENSIONS SHOWN IN INCHES, DIMENSIONS IN [] ARE MILLIMETERS.

MATERIAL	
FINISH	-
DO NOT SCALE DRAWING	

DRAWN	MRJ	11/19/2007
ENG. APPR.	MAM	12/5/2007
TOLERANCES:		
FRACTIONAL: ±0.015"		
ANGULAR: MACH: ± 1° BEND: ± 1°		
TWO PLACE DECIMAL: ±0.01"		
THREE PLACE DECIMAL: ±0.004"		

3100 SERIES DEADBOLT
WOOD DOOR PREP TEMPLATE,
ROUND CORNER OPTION,
2-3/4" BACKSET

SIZE	DWG. NO.	REV.
A	T-LS00157	06
SCALE: 1:2	WEIGHT: 0.25	SHEET 1 OF 1



DOOR TYPE: WOOD OR COMPOSITE, FLAT OR BEVELED

DOOR THICKNESS: 1 3/4" [45] - 2" [51]

FACEPLATE: SQUARE 1 1/8" [29] WIDTH

BACKSETS: 2 3/4" [70]

DIMENSIONS SHOWN IN BRACKETS [] ARE IN MILLIMETERS



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MATERIAL	
FINISH	-
DO NOT SCALE DRAWING	

DRAWN	M MCRAE	9/27/2007
ENG. APPR.	MRJ	12/5/2007-
Q.A.		
TOLERANCES:		
FRACTIONAL:	±0.015"	
ANGULAR:	MACH: ± 1° BEND: ± 1°	
TWO PLACE DECIMAL:	±0.01"	
THREE PLACE DECIMAL:	±0.004"	

3100 SERIES DEADBOLT WOOD DOOR PREP TEMPLATE, 2-3/4" BACKSET		
SIZE A	DWG. NO. T-LS00140	REV. 07
SCALE: NTS	WEIGHT:	SHEET 1 OF 1