STANLEY
Security

45H/47H Drilling Instructions/Template

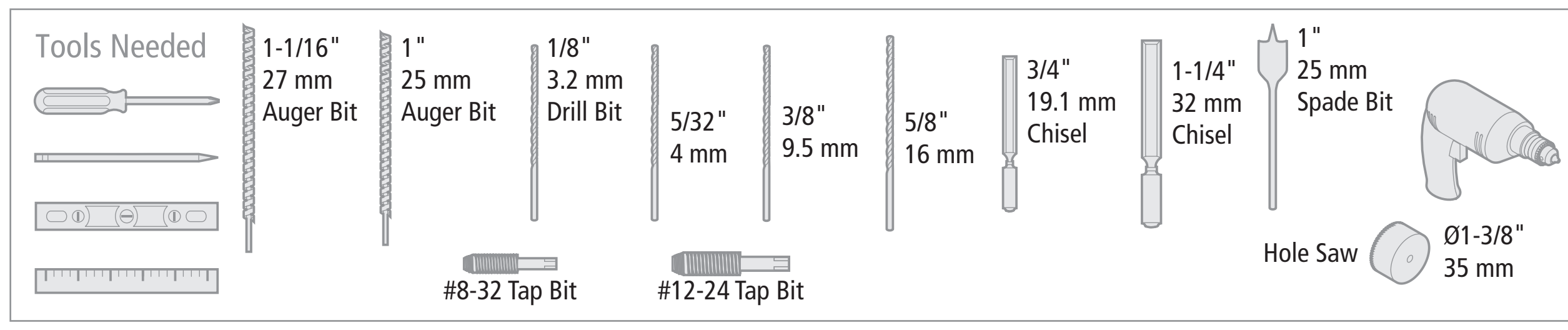
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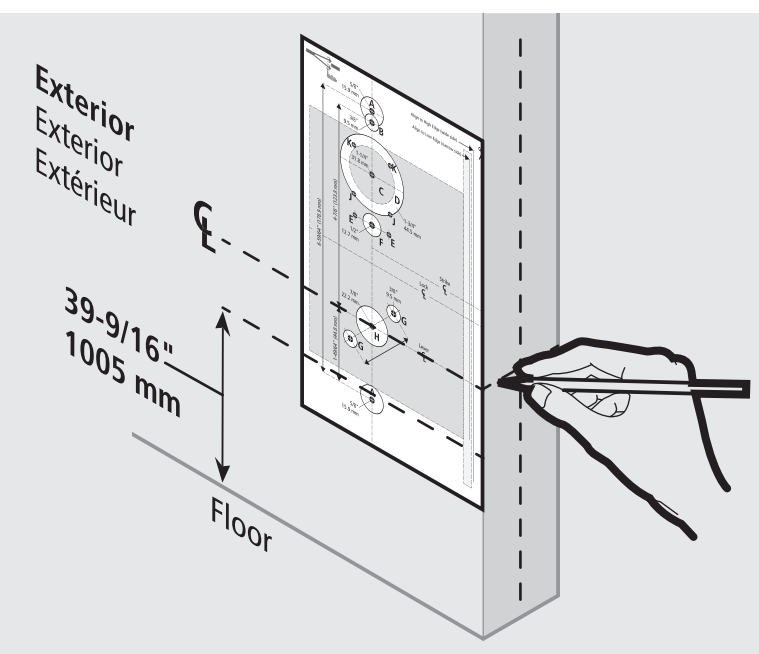
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Holes		A, D R, RHB, B5, DEL, DEU		AB, AT, B, BA, BW, HJ, T, TA, TD, TDEL, TDEU		AD		C, CHB, G, IND, INL, S, W, B7, TWEL, TWEU, WEL, WEU		H		L, LB, LT, LEL, LEU		N, NX, NXEL, NXEU		RD, WD		YD		1DT, 2DT	
		IN	EX	IN	EX	IN	EX	IN	EX	IN	EX	IN	EX	IN	EX	IN	EX	IN	EX	IN	EX
A	*M & N forged trim (2)	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	†Through Door	†Through Door
B	*J trim (1)	Through Door	Through Door	Through Door	Through Door			Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door	Through Door					†Through Door	†Through Door
C	‡Cylinder (1)		•		•		•	•	•		•					•	•		•		
D	High security cylinder (1)		•		•		•	•	•		•					•	•		•		
E	*H, R, & S trim thumb turn (2)			•		•				•		•									
F	Emergency key/thumb turn access (1)			•		•				•	•	•	•								
G	††Trim mounting (2)	•	•	•	•			•	•	•	•	•	•	•	•					†•	•
H	††Lever (1)	•	•	•	•			•	•	•	•	•	•	•	•						
J	*H & R trim visual indicator (2)										•										
J&K	Visual Indicator Thumb Turn			•		•						•				•					

*** † ‡ †† See Notes on second page.**

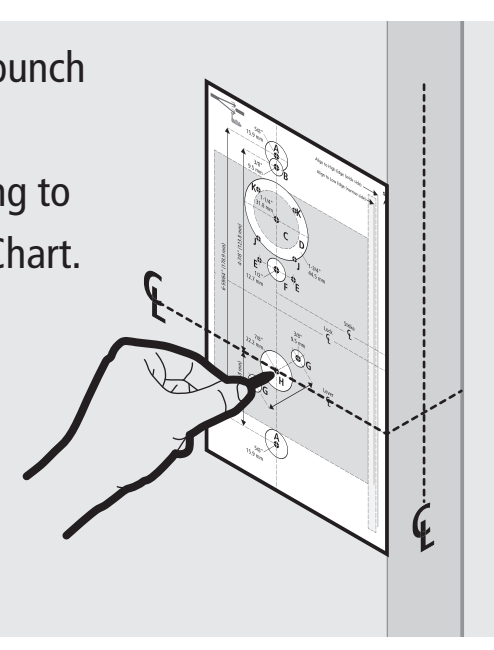


1

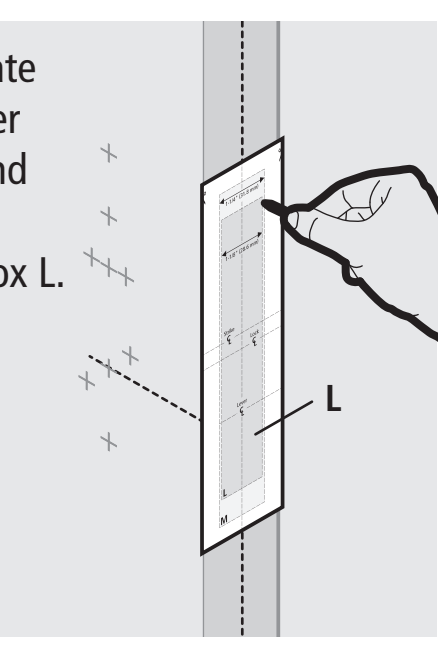


Place the template on the exterior edge of door and mark horizontal line for door edge template based on hole **H**. Suggested height from bottom of the door to hole **H** is 39-9/16" (1005 mm). Mark centerline of lockset on the door face and continued onto door edge.

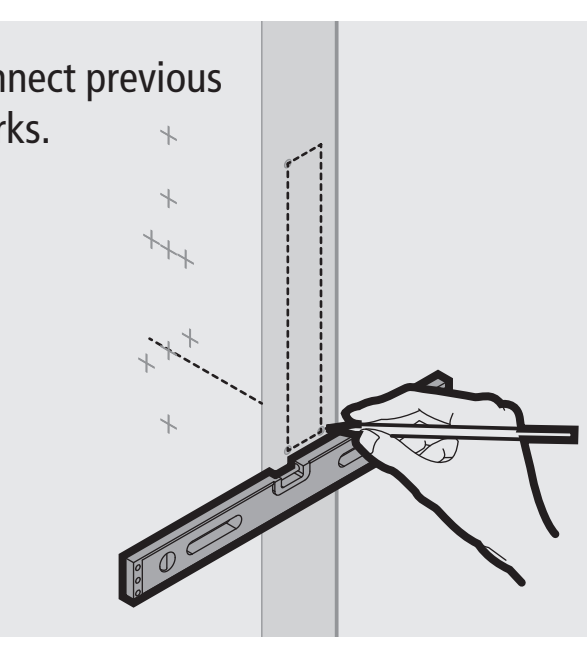
2 Center punch holes according to Model Chart.



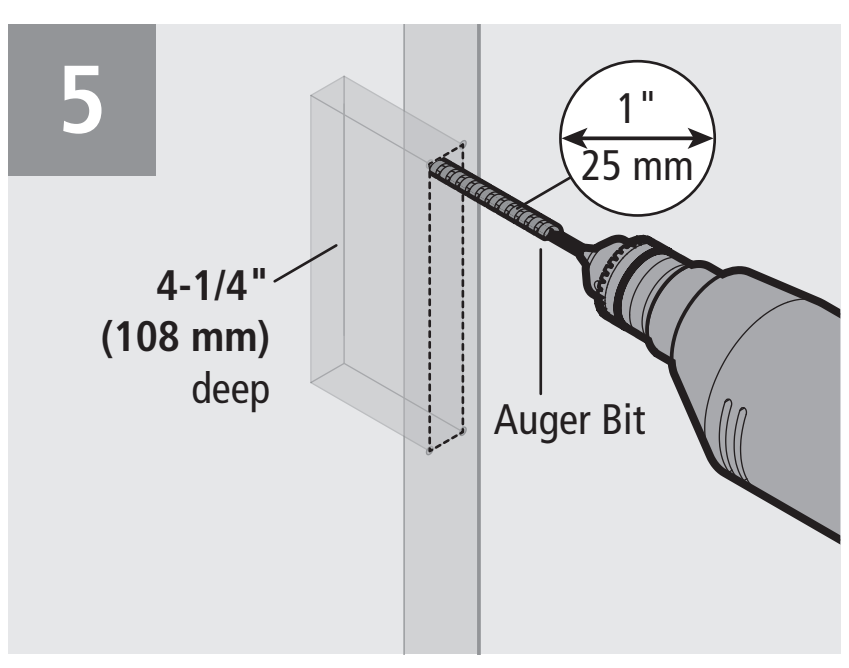
3 Align template with the lever centerline and centerpunch corners of box L.



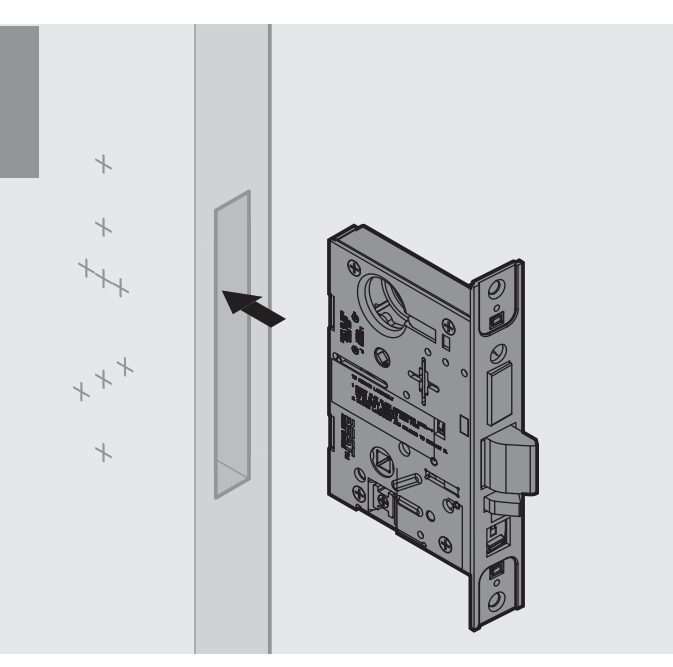
4 Connect previous marks.



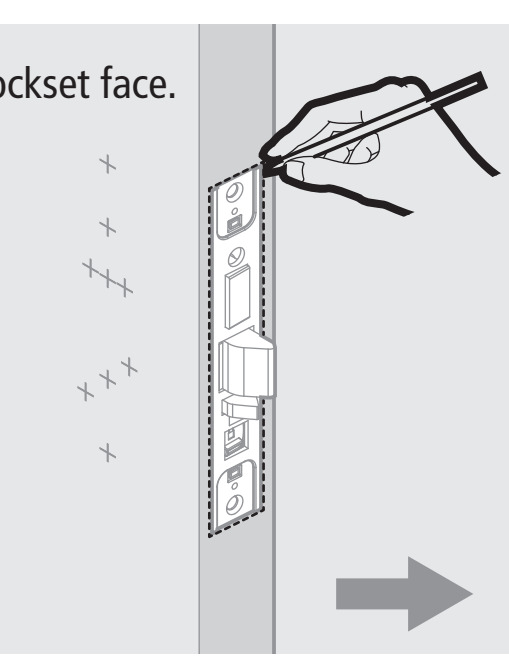
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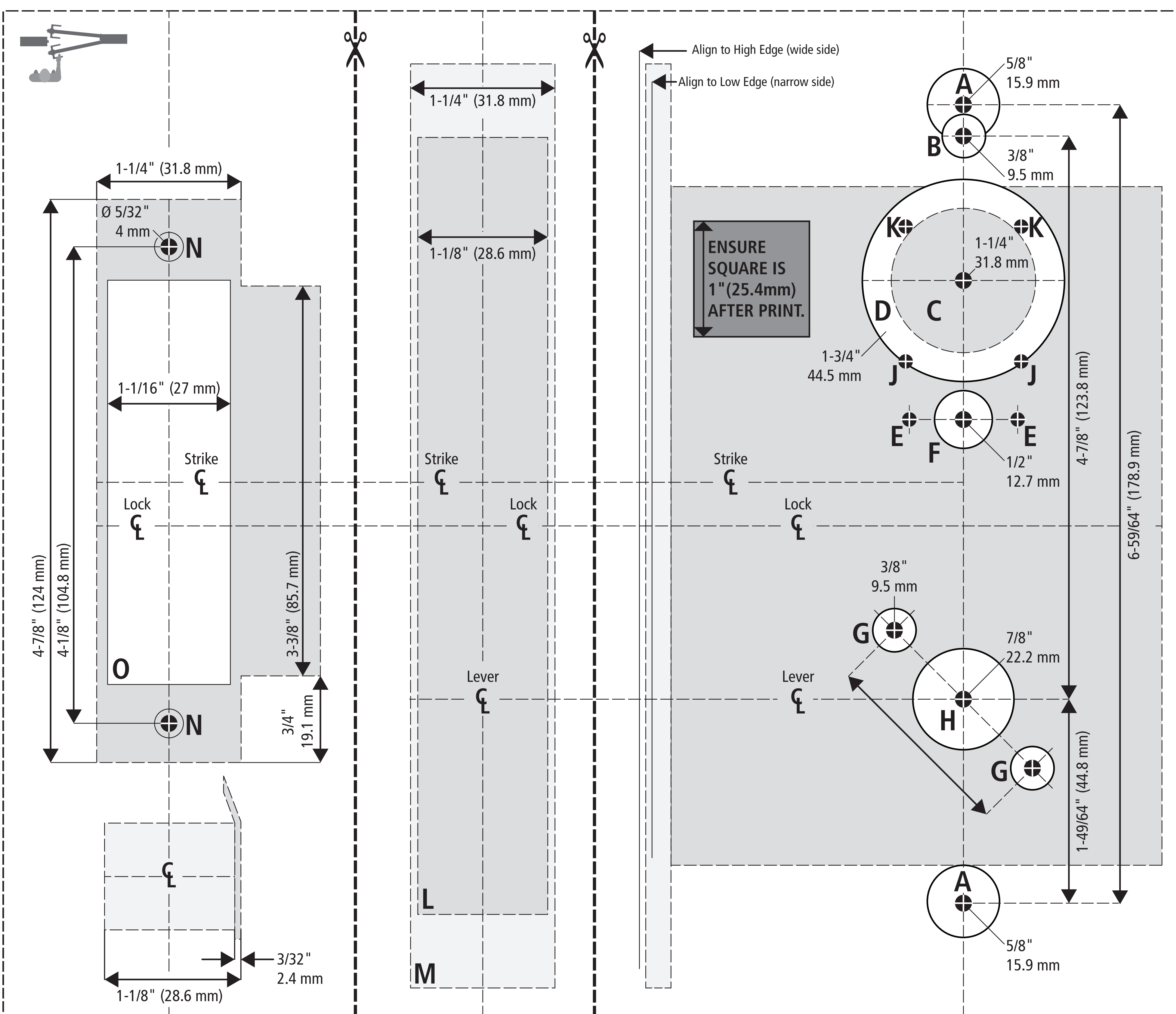


6



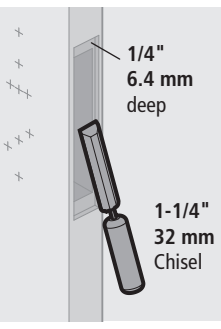
7 Trace Lockset face.



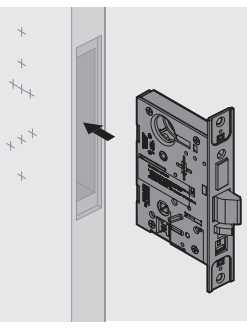


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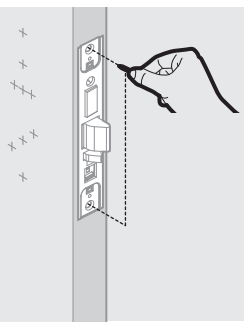
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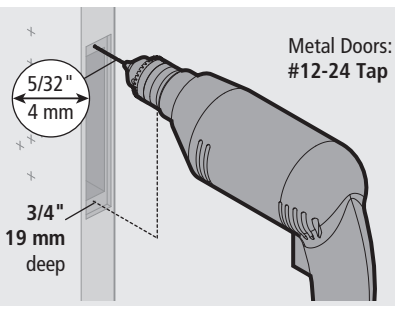
9



10 Mark holes

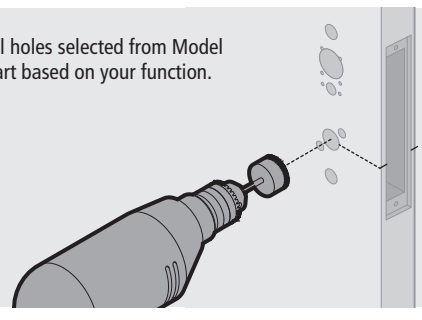


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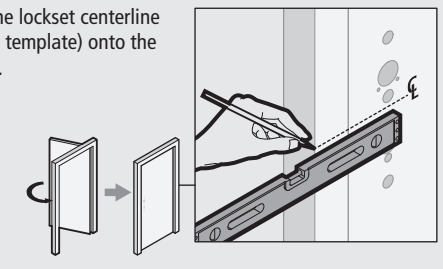


Metal Doors:
#12-24 Tap

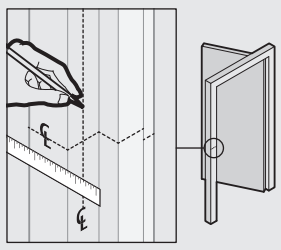
12 Drill holes selected from Model Chart based on your function.



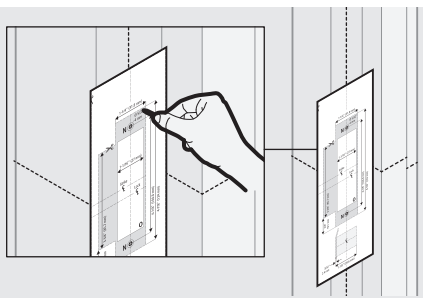
13 Continue the lockset centerline (located on template) onto the door frame.



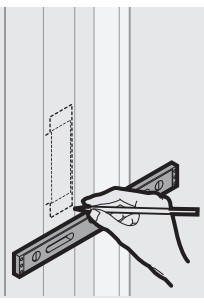
14 Locate center of strike hole by measuring back from door stop, 1/2 the thickness of door.



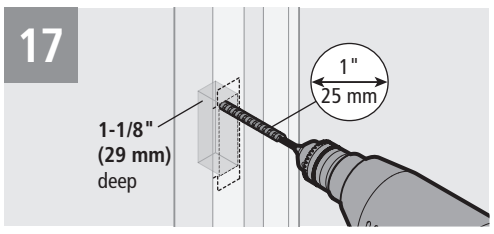
15 Place strike template centerline on lever centerline made on the previous step. Centerpunch edges of strike and box, O.



16 Connect previous marks.



17

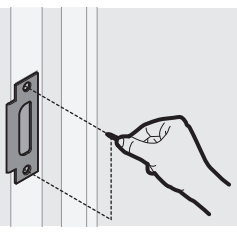


18 **3/32" (2.4 mm)** deep

5/32" (4 mm) deep w/ dust box

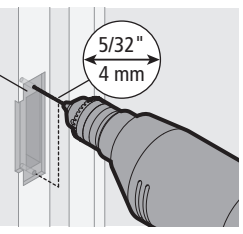
1-1/4"
32 mm
Chisel

19 Mark holes

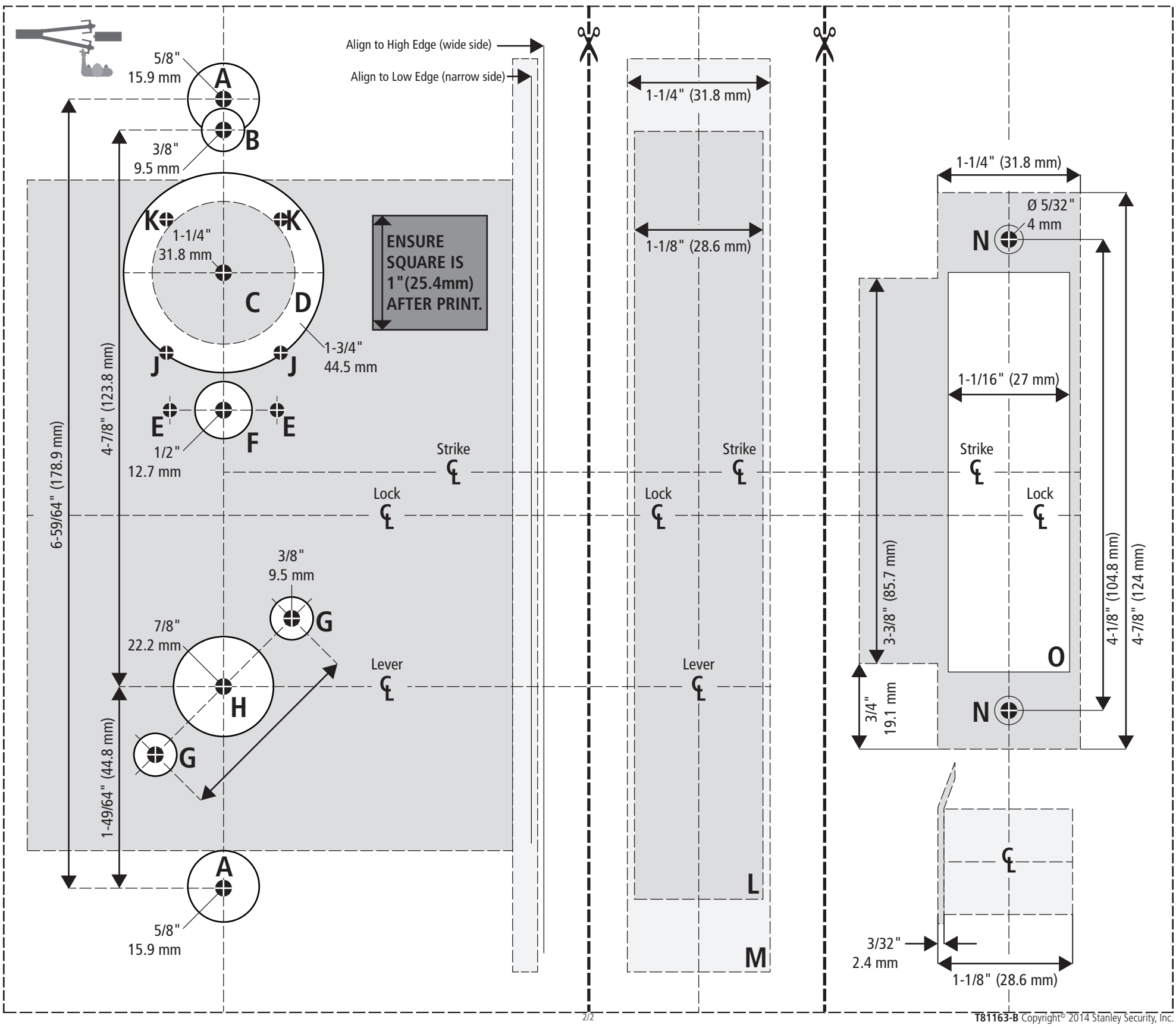


20 **3/4" (19 mm)** deep

Metal Doors:
#12-24 Tap



* For trim outside only functions (such as ZD and ZR) and trim inside only functions (such as XD and XR), prepare surface mount trim holes on the trim side of the door as needed.
† For 1DT, drill 7/64 in. (11 mm) holes halfway into the door at the centerpoints indicated.
‡ To qualify for the UL 437 high security listing, use the M escutcheon and the 1E7J4 cylinder. The1E7K4 cylinder is available for use with either M trim or sectional trim, but does not qualify for the UL 437 high security listing. This option is not available for H and HJ function locks.
†† Because these holes pass through the mortise pocket, it is recommended that each hole be drilled separately rather than straight through.



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