

**Mark & drill holes**

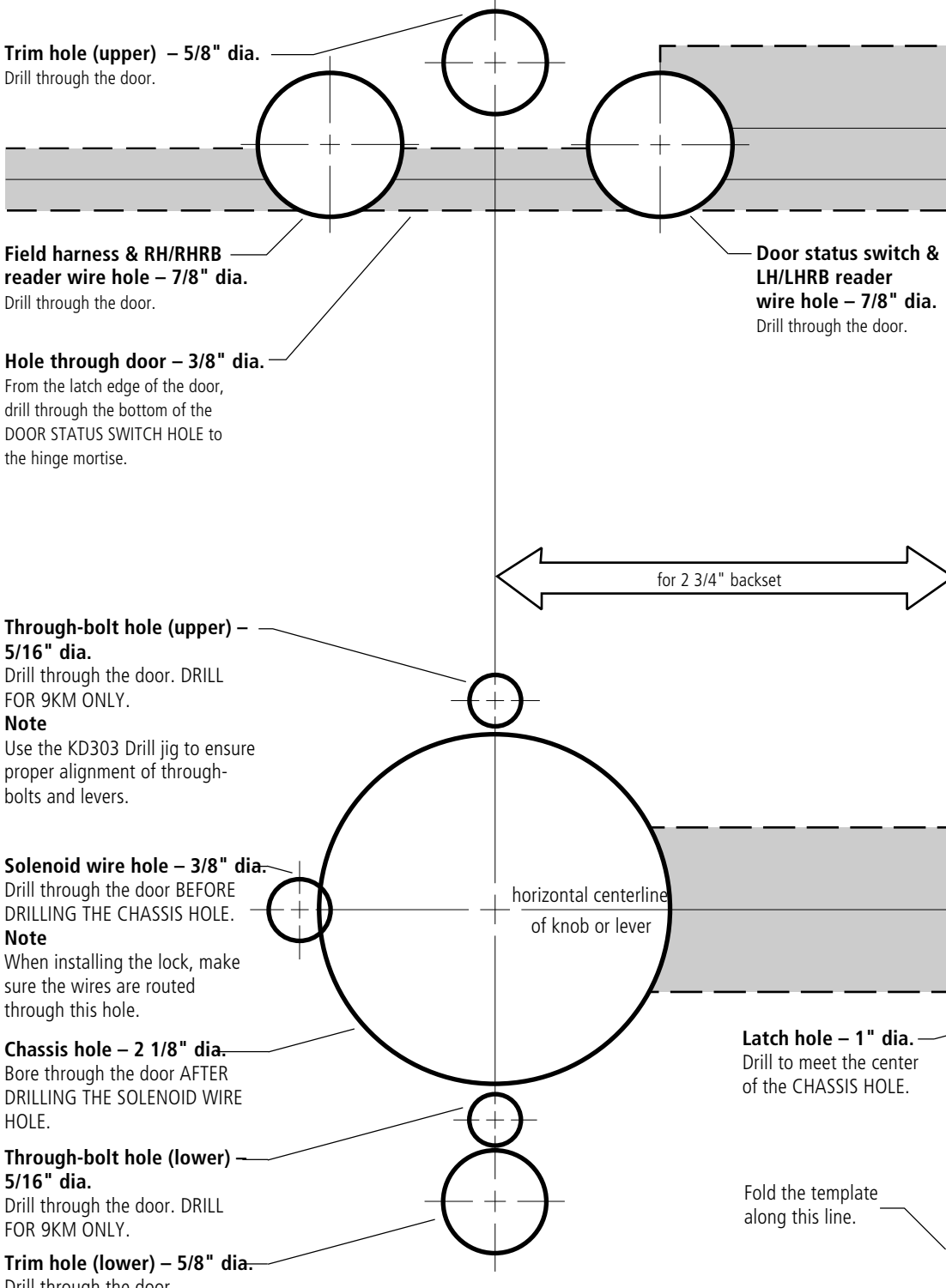
- Determine the proper backset for the door.  
**Note** For backsets other than 2 3/4" and for metal doors, see the W14 Template—Installation Specifications for 83KM/93KM–85KM/95KM IDH Max Cylindrical Locks.
- Mark** the centerlines on the door and door jamb. See the Installation Instructions for 83KW/93KW–85KW-95KW IDH Max Cylindrical Locks (T60771).

- For uncut doors:** Fold the template on the dashed line and carefully place it in position on the door.

**For doors with standard cylindrical preparation:**

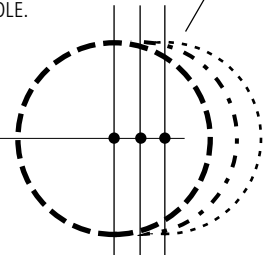
Looking through the hole from the opposite side of the door, align the template so that you see the template outline of the 2 1/8" diameter hole.

- Tape the template to the door and center punch the appropriate drill points.
- Drill the holes. See the installation instructions.



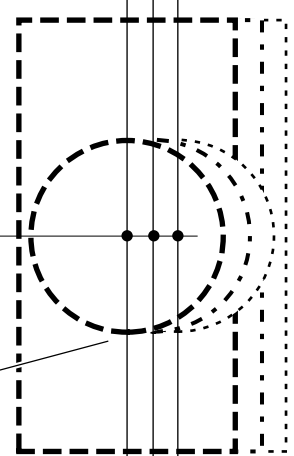
**Door status switch hole – 1" dia.**

Drill to meet the center of the DOOR STATUS SWITCH & LH/LHRB READER WIRE HOLE.



**Drill & mortise door edge**

- 1 Mark the centerline of the door edge, and the drilling points for the LATCH HOLE and the DOOR STATUS SWITCH HOLE.
- 2 Drill the LATCH HOLE (1" dia.) into the edge of the door to meet the center of the CHASSIS HOLE.
- 3 Mortise the edge of the door to fit the latch face.
- 4 Drill the DOOR STATUS SWITCH HOLE (1" dia.) into the edge of the door to meet the center of the DOOR STATUS SWITCH & LH/LHRB READER WIRE HOLE.
- 5 Drill a HOLE THROUGH THE DOOR (3/8" dia.) from the bottom of the DOOR STATUS SWITCH HOLE to the hinge mortise.



**Latch hole – 1" dia.**  
Drill to meet the center of the CHASSIS HOLE.

Fold the template along this line.

Door edge centerline (based on door thickness)

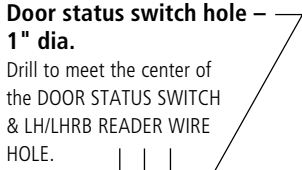
**Mark & drill holes**

- 1 Determine the proper backset for the door.  
**Note** For backsets other than 2 3/4" and for metal doors, see the W14 Template—Installation Specifications for 83KM/93KM–85KM/95KM IDH Max Cylindrical Locks.
- 2 Mark the centerlines on the door and door jamb. See the Installation Instructions for 83KW/93KM–85KM-95KM IDH Max Cylindrical Locks (T60771).

3 **For uncut doors:** Fold the template on the dashed line and carefully place it in position on the door.

**For doors with standard cylindrical preparation:** Looking through the hole from the opposite side of the door, align the template so that you see the template outline of the 2 1/8" diameter hole.

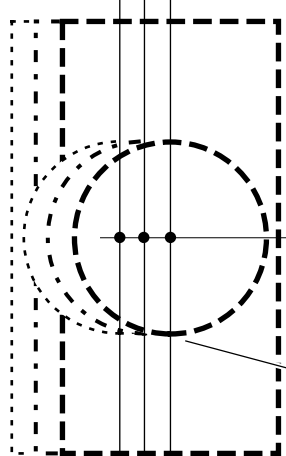
- 4 Tape the template to the door and center punch the appropriate drill points.
- 5 Drill the holes. See the installation instructions.



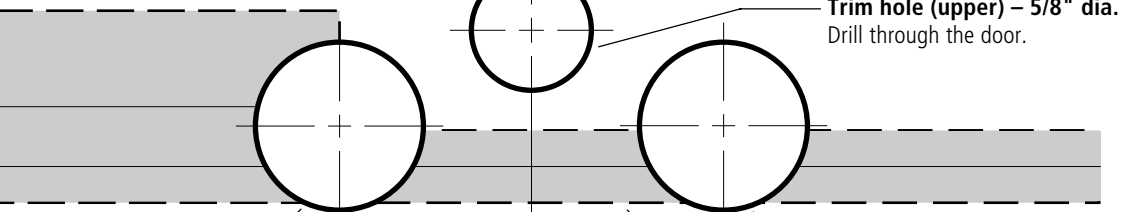
**Door status switch hole – 1" dia.**  
 Drill to meet the center of the DOOR STATUS SWITCH & LH/LHRB READER WIRE HOLE.

**Drill & mortise door edge**

- 1 Mark the centerline of the door edge, and the drilling points for the LATCH HOLE and the DOOR STATUS SWITCH HOLE.
- 2 Drill the LATCH HOLE (1" dia.) into the edge of the door to meet the center of the CHASSIS HOLE.
- 3 Mortise the edge of the door to fit the latch face.
- 4 Drill the DOOR STATUS SWITCH HOLE (1" dia.) into the edge of the door to meet the center of the DOOR STATUS SWITCH & LH/LHRB READER WIRE HOLE.
- 5 Drill a HOLE THROUGH THE DOOR (3/8" dia.) from the bottom of the DOOR STATUS SWITCH HOLE to the hinge mortise.



1 3/4"  
 2"  
 2 1/4"  
 Door edge centerline (based on door thickness)

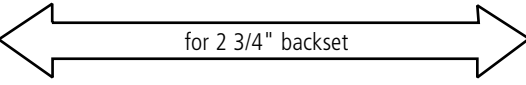


**Door status switch & LH/LHRB reader wire hole – 7/8" dia.**  
 Drill through the door.

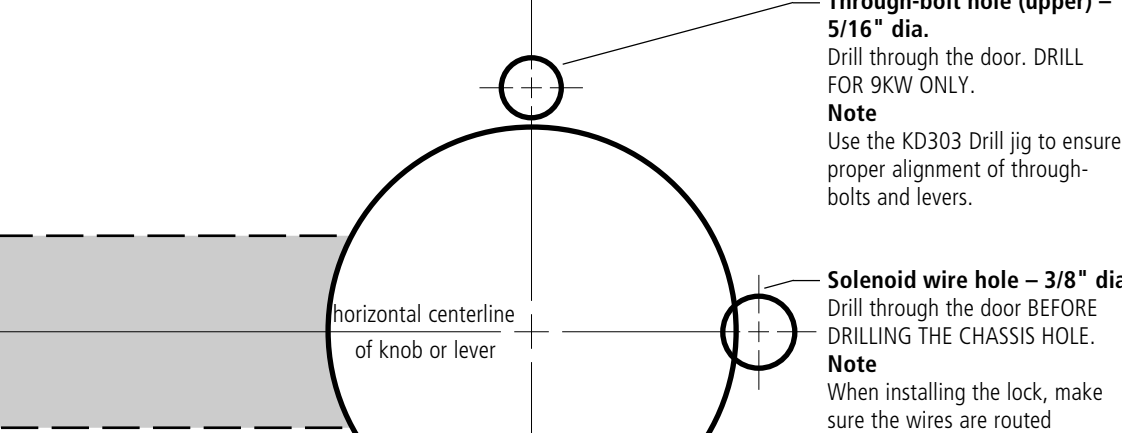
**Trim hole (upper) – 5/8" dia.**  
 Drill through the door.

**Field harness & RH/RHRB reader wire hole – 7/8" dia.**  
 Drill through the door.

**Hole through door – 3/8" dia.**  
 From the latch edge of the door, drill through the bottom of the DOOR STATUS SWITCH HOLE to the hinge mortise.



for 2 3/4" backset



**Through-bolt hole (upper) – 5/16" dia.**  
 Drill through the door. DRILL FOR 9KW ONLY.  
**Note** Use the KD303 Drill jig to ensure proper alignment of through-bolts and levers.

**Solenoid wire hole – 3/8" dia.**  
 Drill through the door BEFORE DRILLING THE CHASSIS HOLE.  
**Note** When installing the lock, make sure the wires are routed through this hole.

**Chassis hole – 2 1/8" dia.**  
 Bore through the door AFTER DRILLING THE SOLENOID WIRE HOLE.

**Through-bolt hole (lower) – 5/16" dia.**  
 Drill through the door. DRILL FOR 9KW ONLY.

**Trim hole (lower) – 5/8" dia.**  
 Drill through the door.

**Latch hole – 1" dia.**  
 Drill to meet the center of the CHASSIS HOLE.

Fold the template along this line.

Title <b>Installation Template for 83KM/93KM IDH Max Cylindrical Locks</b>				<b>BEST ACCESS SYSTEMS</b>		
Series <b>83KM/93KM</b>	Backset <b>2 3/4"</b>	Trim style <b>MS, PH, PM</b>	Door thickness <b>1 3/4" to 2 1/4"</b>			
				Rev	<b>A</b>	