Please read the Template carefully before drilling and mortising the door.

**Cylinder Hole**
- Drill only if you have cylinder on this side of door
- Dia 1.25” (32mm)

**Thumb Turn Hole**
- Drill only if you have T. Turn on this side of door
- Dia 0.625” (16mm)

**Lever/Knob Hole**
- Drill all the way through door
- Dia 0.625” (16mm)

**Thumb Piece/Handle Hole**
- Drill / cut only if you have a Grip Handle Trim either side. Drill all the way through.
- Dia 0.875” (22mm)

**Insert lock in mortise. Mark outline of the lock front and mortise 7/32” (5.5mm) deep for flush mount.**

**ASA Strike Lip Location**
- 1-1/8” Wx5/8” Deep for Anti-friction latch

**Center Line**
- Mark the ASA strike lip location on door frame. Attach the Strike on door frame, center the screw holes, using the the Strike Lip Lines as reference to mark outline of the strike, mortise 2mm deep for flush mount. If door gasketing or silencers are used, proper allowances must be made for strike location to maintain a common centerline with lock and door as shown so that bolt/latch will freely enter strike.
Mark the ASA strike lip location on door frame. Attach the Strike on door frame, center the screw holes, using the Strike Lip Lines as reference to mark outline of the strike, mortise 2mm deep for flush mount. If door gasketing or silencers are used, proper allowances must be made for strike location to maintain a common centerline with lock and door as shown so that bolt/latch will freely enter strike.

Insert lock in mortise. Mark outline of the lock front and mortise 7/32" (5.5mm) deep for flush mount.

1-1/8" Wx5/8" Deep for Anti-friction latch

1-1/4" (31.8mm)

2.4475" (62.2mm)

2.125" (54mm)

1.695" (43mm)

+ 0.38"

+ 1.5675"

+ 2.9425"

+ 4.0675"

3-1/2" backset: mortise minimum 4-5/8" (117mm) Deep

2-3/4" backset: mortise mini. 3-7/8" (98mm) Deep

2-1/2" backset: mortise mini. 3-5/8" (92mm) Deep

2" backset: mortise mini. 3-1/8"(79mm) Deep

AS4 Strike Lip Location

ASA Strike Lip Location

Strike Center Line

Template/ Lock/ Face

Line up/vertical on door Face

Cylinder Hole

Drill only if you have cylinder on this side of door

Dia 1.25" (32mm)

KK,LL,HH,HK,HL

Thumb Turn Hole

Drill only if you have T. Turn on this side of door

Dia 0.625" (16mm)

KK,LL,HH,HK,HL

Lever/Knob Hole

Drill all the way through door

Dia 0.625" (16mm)

KK,LL,HH,HK,HL

Thumb Piece/ Handle Hole

Drill / cut only if you have a Grip Handle Trim either side. Drill all the way through.

Dia 0.875" (22mm)

HK,HH,HL