TECHNICAL INFORMATION

SINGLE-MOTION UNLOCKING DOOR PULL

FOR SWING AND SLIDING DOORS

PATENT

no. 11,519,199

SINGLE MOTION

UNLOCK AND OPEN DOOR WITH A SINGLE MOVEMENT USING THE ACTIVATION BAR

ADA

< 5 lbf

WITH THE DOOR LATCHED, THE ACTIVATION BAR IS OPERATED BY A FORCE LOWER THAN 5 LBF (22 N) UNTIL THE LOCKING BOLT IS COMPLETELY RETRACTED (ADA 309.4 – OPERABLE PARTS AND ANSI/BHMA A 156.3 REF. 8.2.1)

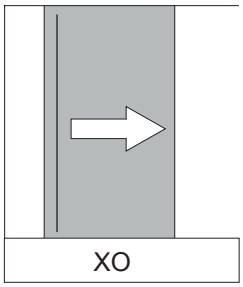
ACTIVATION BAR

With the door latched, the activation bar is operated by a force lower than 5 lbf (22 N) until the locking bolt is completely retracted (ADA 309.4 – OPERABLE PARTS and ANSI/BHMA A 156.3 ref. 8.2.1).

Black Activation Bar - Polyamide-6 Black Caps
Silver Activation Bar - Polyamide-6 Grey Caps
On request: Champagne Activation Bar - Polyamide-6 Grey Caps

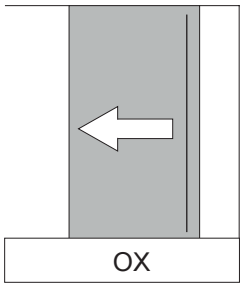
SLIDING DOOR HANDING

"HANDEDNESS" OF A SLIDING DOOR IS EXPRESSED AS SEEN BY AN OBSERVER OUTSIDE THE BUILDING. A LEFT-HANDED DOOR OPENS ON THE LEFT SIDE, AND A RIGHT-HANDED DOOR OPENS ON THE RIGHT. THESE RELATIONSHIPS ARE SOMETIMES DESCRIBED WITH THE LETTERS **O** AND **X**, WHERE **O** IS THE FIXED PANEL AND **X** IS THE SLIDING PANEL.



LEFT HANDED

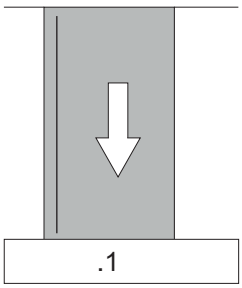
LEFT PANEL SLIDES RIGHT



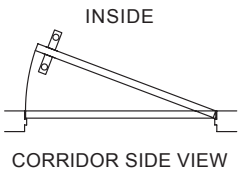
RIGHT HANDED

RIGHT PANEL SLIDES LEFT

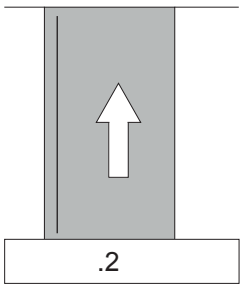
SWING DOOR



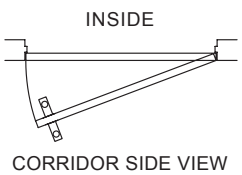
SWING - PULL



PULL TO EXIT (room side)
PUSH TO ENTER (corridor side)



SWING - PUSH

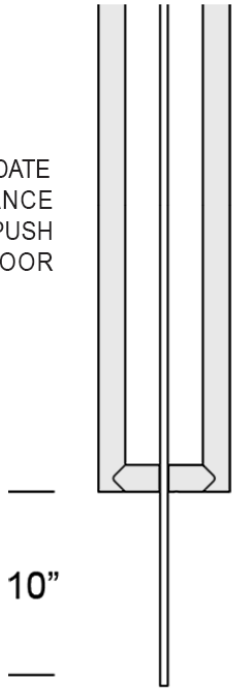


PUSH TO EXIT (room side)
PULL TO ENTER (corridor side)

CONFIGURATION TO COMPLY WITH ADA STANDARD

A D A
10”
clearance
l a y o u t

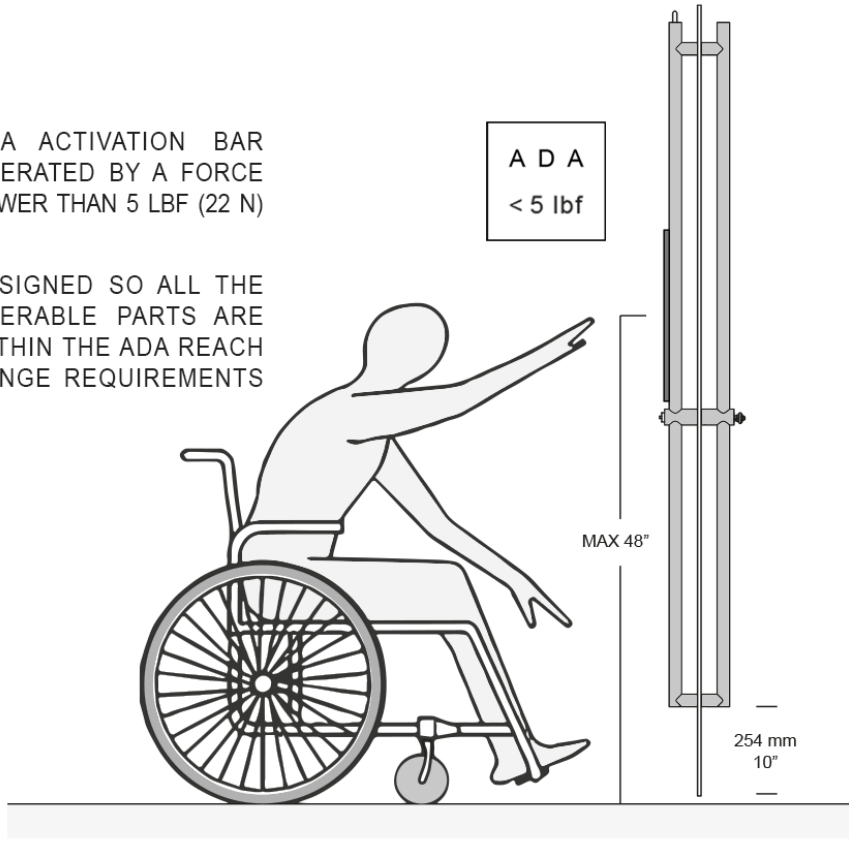
DESIGNED TO ACCOMMODATE THE ADA 10” CLEARANCE REQUIREMENT AT THE PUSH SIDE OF A SWING DOOR



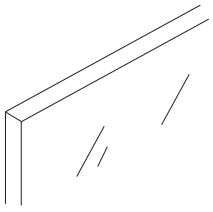
ADA ACTIVATION BAR OPERATED BY A FORCE LOWER THAN 5 LBF (22 N)

DESIGNED SO ALL THE OPERABLE PARTS ARE WITHIN THE ADA REACH RANGE REQUIREMENTS

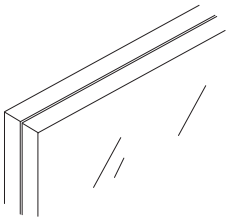
A D A
< 5 lbf



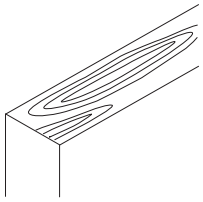
INSTALLATION ON ANY TYPE OF MATERIAL



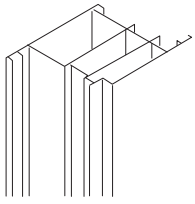
GLASS DOORS



DOUBLE GLAZED DOORS



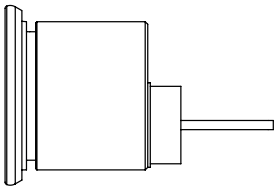
WOOD DOORS

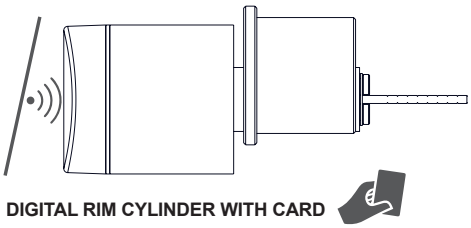


METAL DOORS

CYLINDER COMPATIBILITY

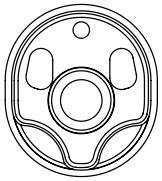
RIM CYLINDERS - FOR ALUMINUM LOCKING LADDER PULLS



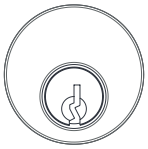


DIGITAL RIM CYLINDER WITH CARD

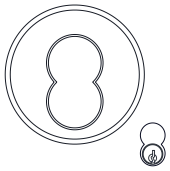
PBA UNIVERSAL BACKPLATE INCLUDED WITH LOCKING PULL
ALLOWS TO ACCOMODATE ANY RIM CYLINDER BRAND OR FORMAT



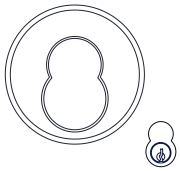
AVAILABLE FORMATS:



CONVENTIONAL



HOUSING FOR SFIC

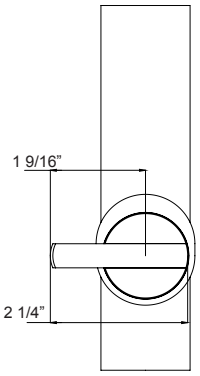


HOUSING FOR LFIC

ADA COMPLIANT THUMBTURN

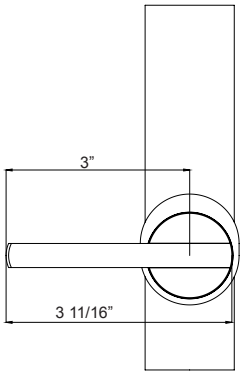
STANDARD:
ADA 1-9/16” COMPLIANT THUMBTURN

STANDARD
ALUMINUM



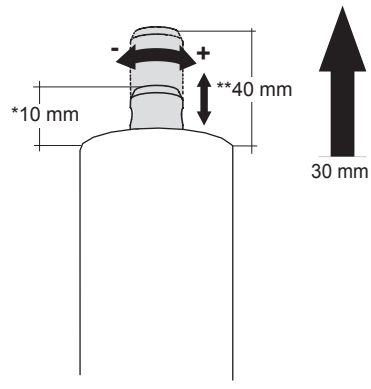
ON REQUEST:
ADA 3” COMPLIANT THUMBTURN

ON REQUEST
ALUMINUM



LOCKING BOLT ADJUSTMENT

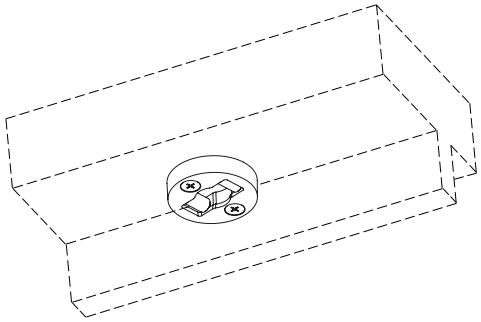
STANDARD EXTENSION* 10 mm
ADDITIONAL EXTENSION 30 mm
MAXIMUM EXTENSION** 40 mm



MANDATORY STRIKE WITH ROLLERS (INCLUDED)

TO ENSURE PROPER OPERATION, THE SINGLE MOTION UNLOCKING DOOR PULL SHOULD BE USED WITH THE pba “ROLLERS” STRIKE SHIPPED WITH THE PRODUCT. THE pba STRIKE SHOULD BE REVIEWED AND APPROVED BY THE DESIGN TEAM FOR USE WITH THE INTENDED DEMOUNTABLE PARTITION SYSTEM. WHEN REQUIRED, CUSTOM STRIKES ARE AVAILABLE TO ADAPT THE PULL TO VIRTUALLY ANY DEMOUNTABLE PARTITION SYSTEM. CONTACT PBA FOR MORE INFORMATION.

STANDARD:
STANDARD TOP STRIKE WITH ROLLERS INCLUDED



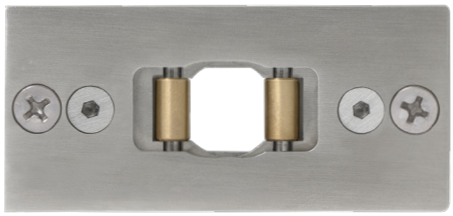
KLO.SKI.0001.40:
STANDARD TOP STRIKE WITH ROLLERS FOR BLACK ANODIZED ALUMINUM SINGLE MOTION UNLOCKING DOOR PULL

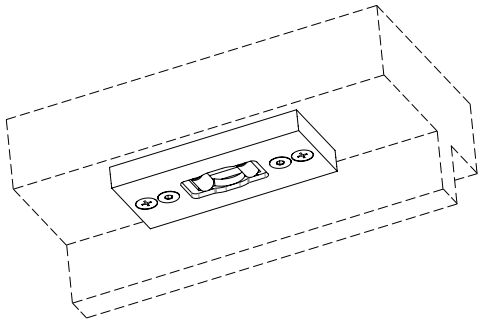
KLO.SKI.0001.39:
STANDARD TOP STRIKE WITH ROLLERS FOR BRONZE ANODIZED ALUMINUM SINGLE MOTION UNLOCKING DOOR PULL

KLO.SKI.0001.41:
STANDARD TOP STRIKE WITH ROLLERS FOR SILVER ANODIZED ALUMINUM SINGLE MOTION UNLOCKING DOOR PULL

KLO.SKI.0001.38:
STANDARD TOP STRIKE WITH ROLLERS FOR CHAMPAGNE ANODIZED ALUMINUM SINGLE MOTION UNLOCKING DOOR PULL

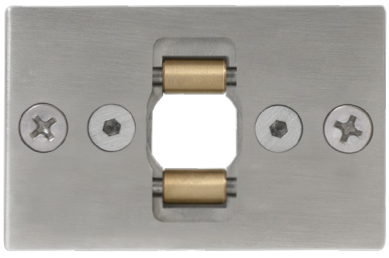
ON REQUEST:
ADJUSTABLE TOP STRIKE PLATE IN 316L STAINLESS STEEL WITH ROLLERS

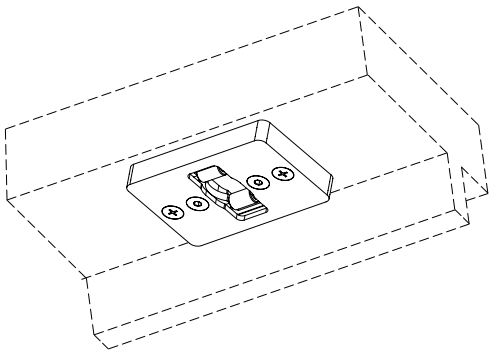




KLO.SKI.0002.44:
ADJUSTABLE STRIKE PLATE WITH ROLLERS FOR SLIDING DOORS

ON REQUEST:
ADJUSTABLE TOP STRIKE PLATE IN 316L STAINLESS STEEL WITH ROLLERS

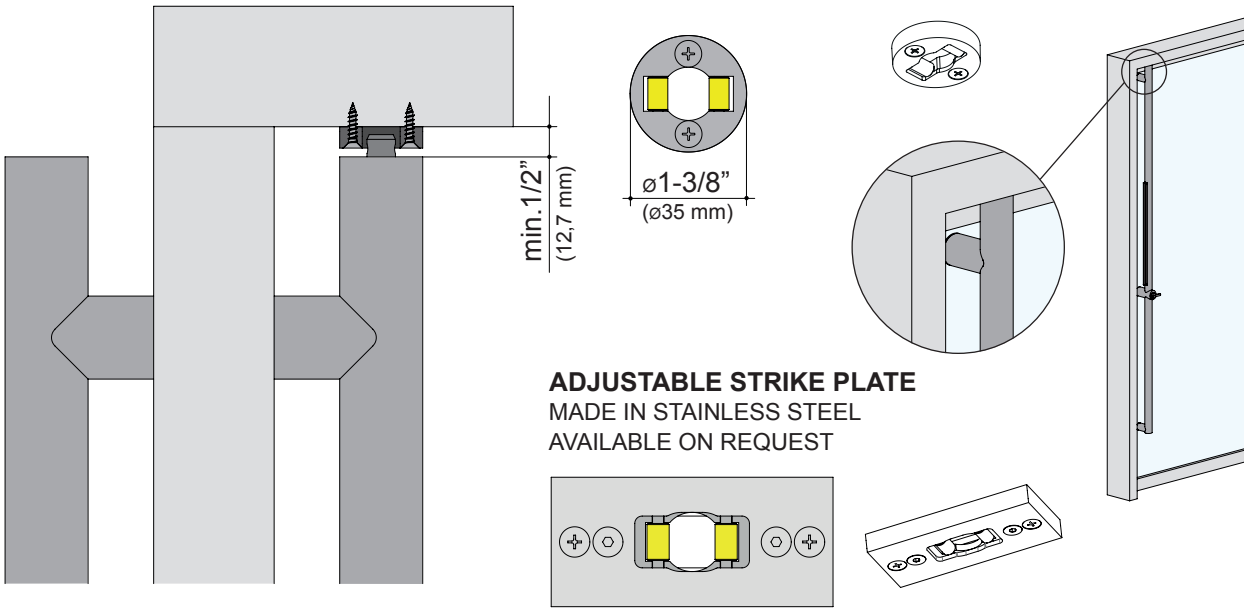




KLO.SKI.0005.44:
ADJUSTABLE STRIKE PLATE WITH ROLLERS FOR SWING DOORS

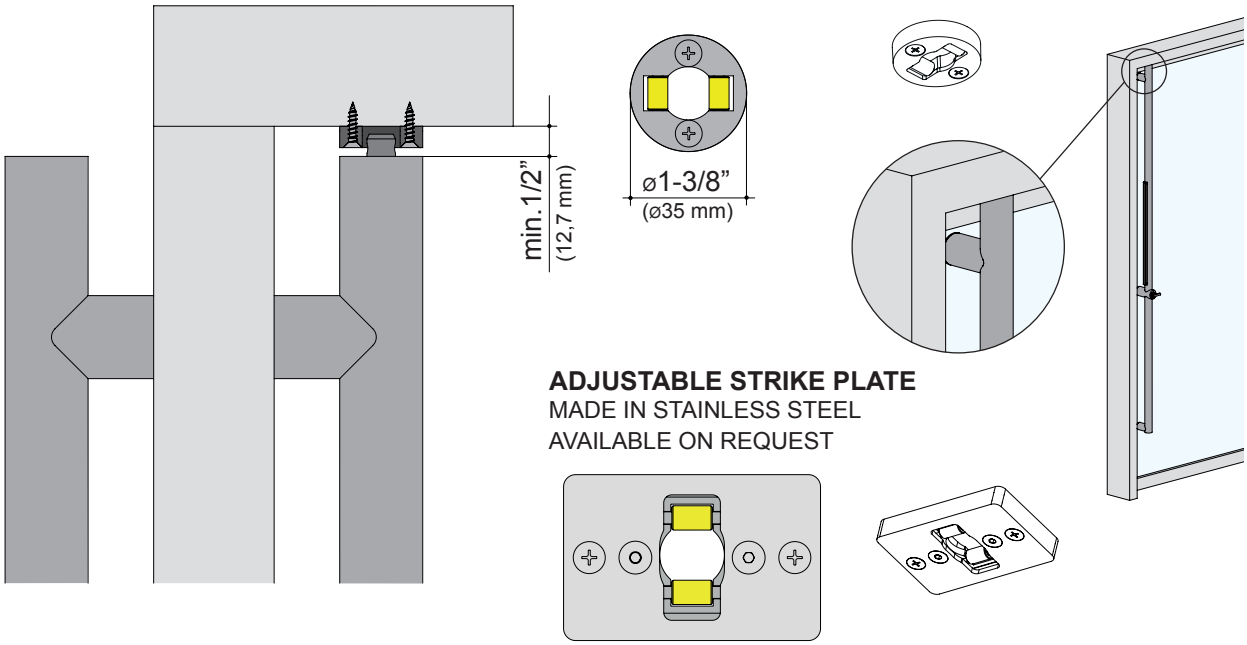
STRIKES OPTIONS FOR TOP LOCKING PULLS

STANDARD STRIKES FOR SLIDING DOORS INCLUDED



ADJUSTABLE STRIKE PLATE
MADE IN STAINLESS STEEL
AVAILABLE ON REQUEST

STANDARD STRIKES FOR SWING DOORS INCLUDED

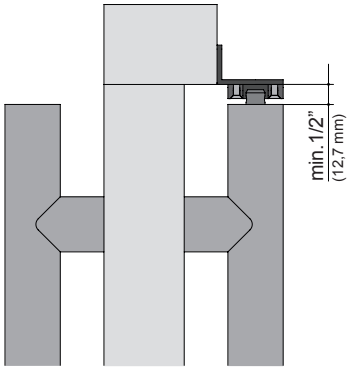


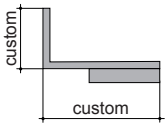
ADJUSTABLE STRIKE PLATE
MADE IN STAINLESS STEEL
AVAILABLE ON REQUEST

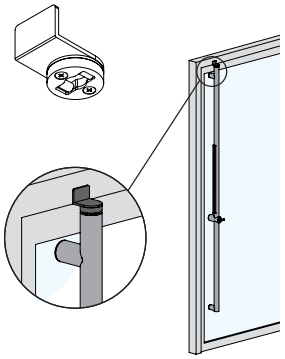
STRIKES OPTIONS FOR TOP LOCKING PULLS

CUSTOM "L" STRIKE PLATE
IN 316L STAINLESS STEEL
ON REQUEST

KLO.SKI.9993

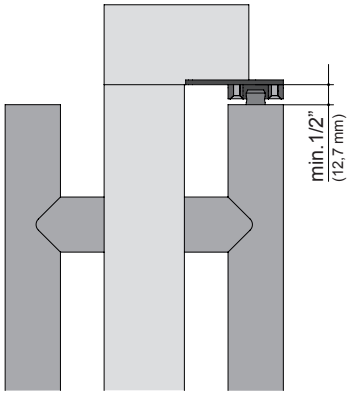


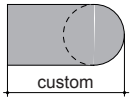


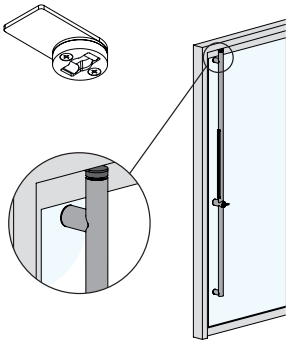


CUSTOM STRAIGHT STRIKE PLATE
IN 316L STAINLESS STEEL
ON REQUEST

KLO.SKI.9994

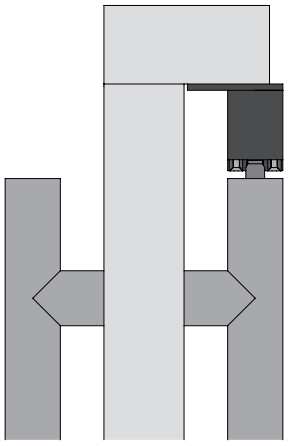


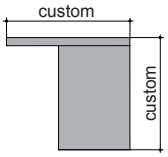


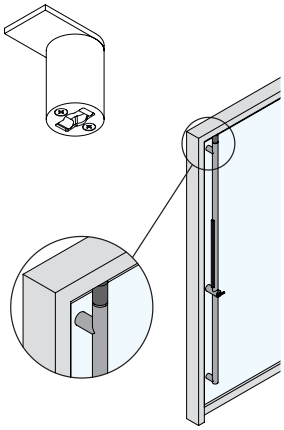


CUSTOM STRAIGHT TUBOLAR STRIKE
IN 316L STAINLESS STEEL
ON REQUEST

Frame Installation

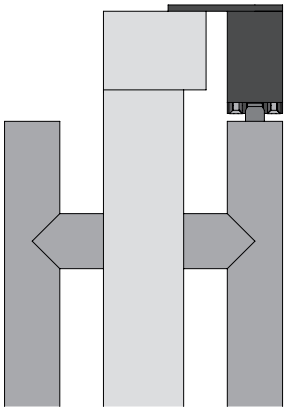


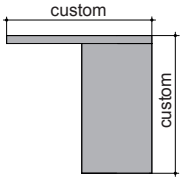


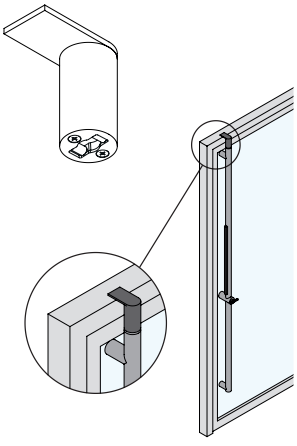


CUSTOM STRAIGHT TUBOLAR STRIKE
IN 316L STAINLESS STEEL
ON REQUEST

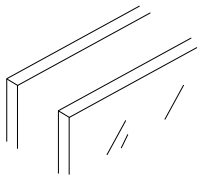
Ceiling Installation



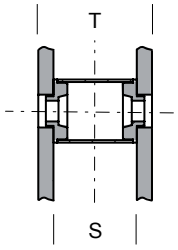




SPACERS FOR DOUBLE GLAZED DOOR



Double glazed doors

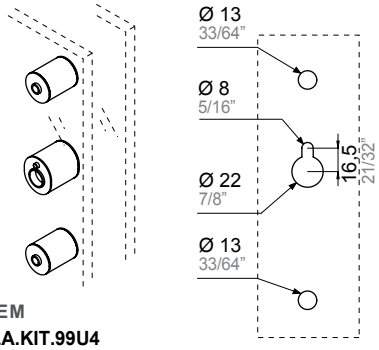


T = custom
S = custom

OVAL + ROUND SPACERS

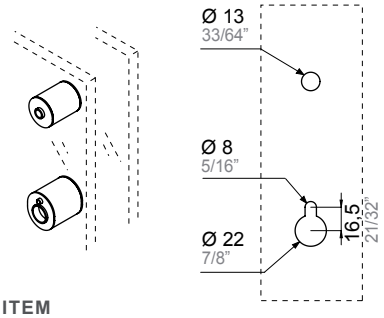
KLA LINE RIM - SPACERS FOR ALUMINIUM Ø37 LOCKING AND NON LOCKING PULLS

1 OVAL POST (CENTER) + 2 Ø35 ROUND POSTS (TOP/BOTTOM)



ITEM
KLA.KIT.99U4

1 OVAL POST (BOTTOM) + 1 Ø35 ROUND POST (TOP)

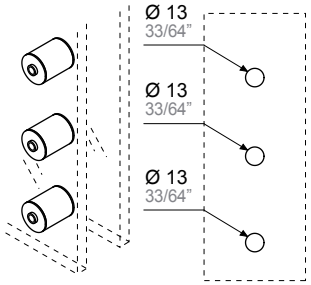


ITEM
KLA.KIT.9RU2

ROUND SPACERS

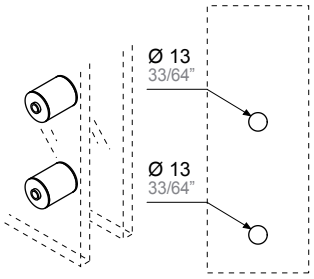
SPACERS FOR ALUMINIUM NON LOCKING PULLS

3 ROUND POSTS



ITEM	Ø
2AT.KIT.9910	35 mm

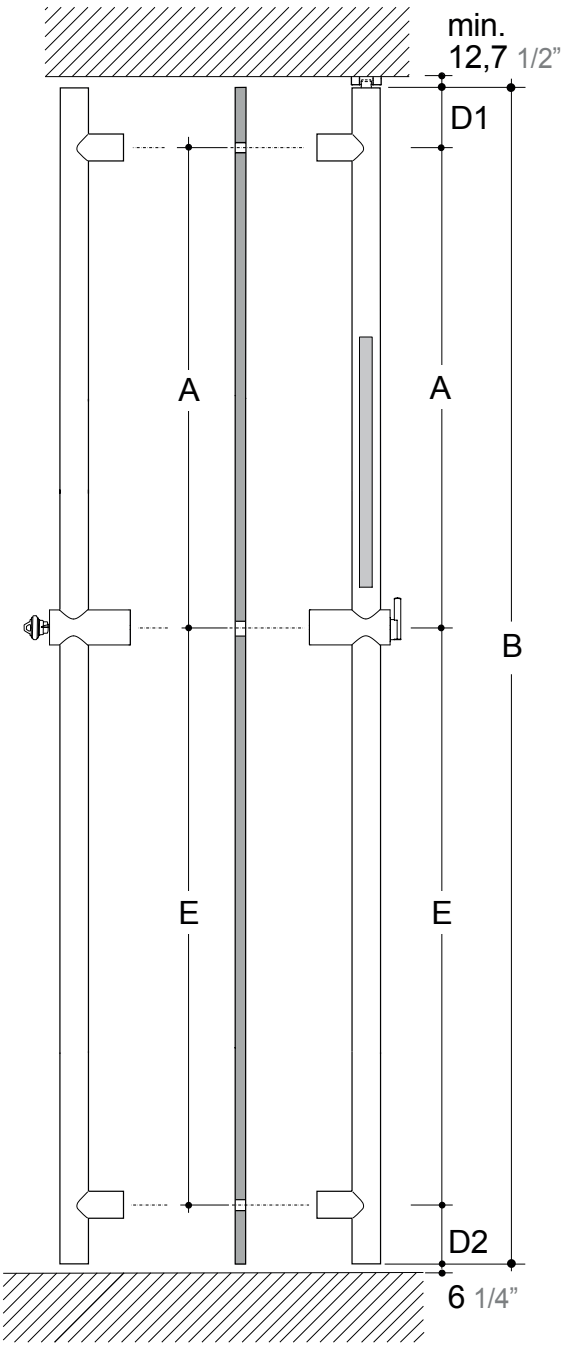
2 ROUND POSTS

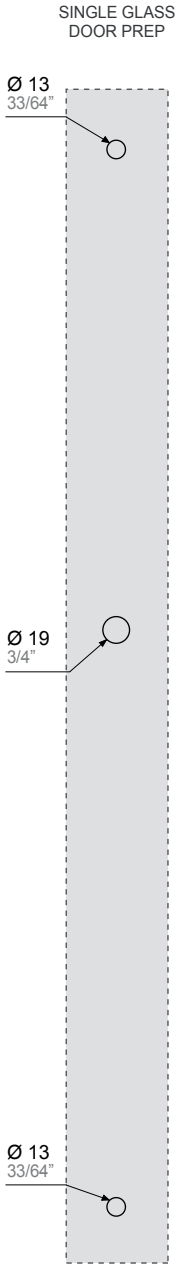


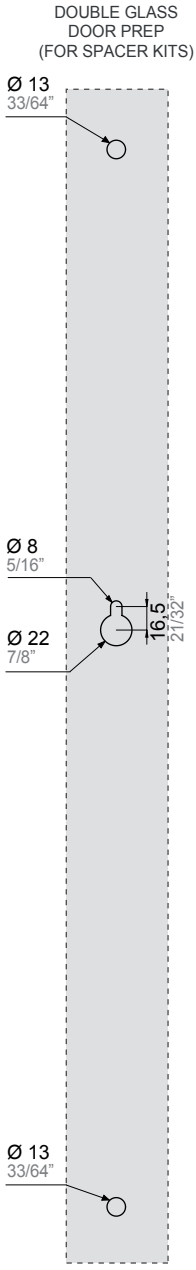
ITEM	Ø
2AT.KIT.9909	35 mm

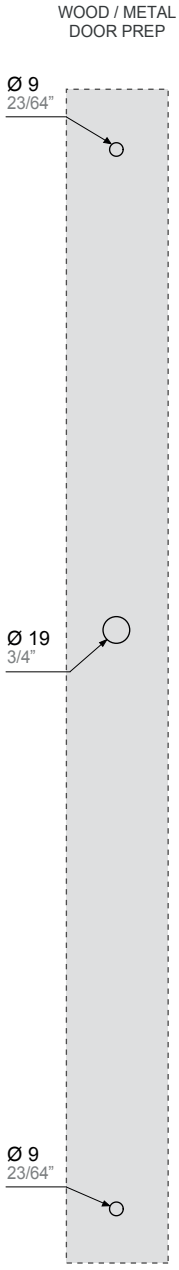
DP6 - DOOR PREPARATION FOR FULL SIZE SINGLE-MOTION UNLOCKING DOOR PULLS

HOLES DIAMETERS AND CENTER TO CENTER SIZES



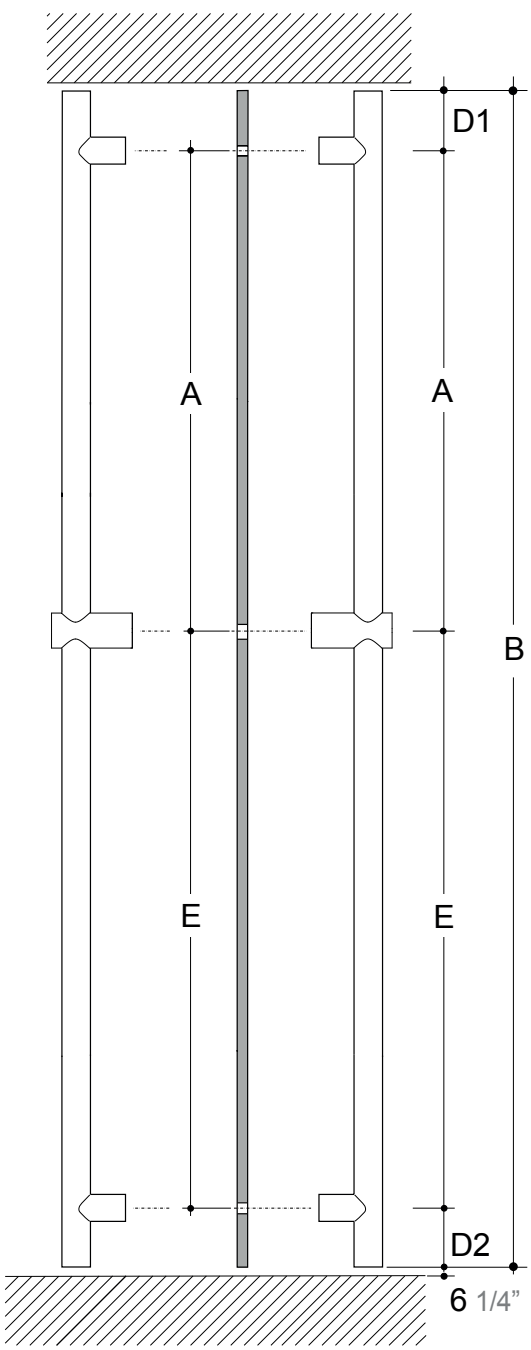


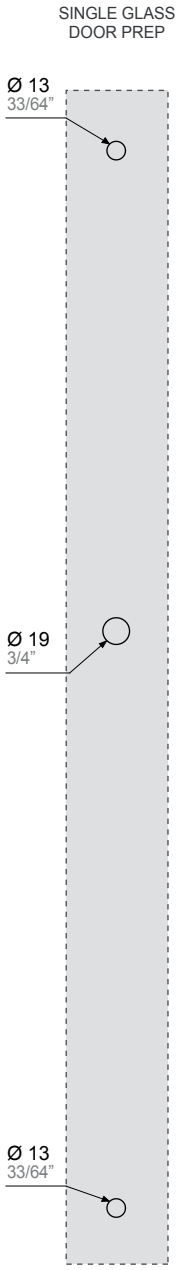


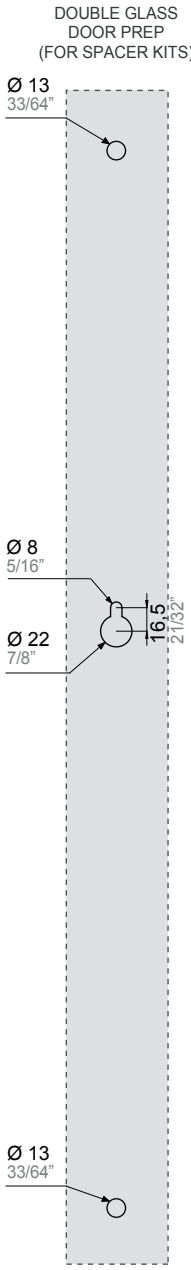


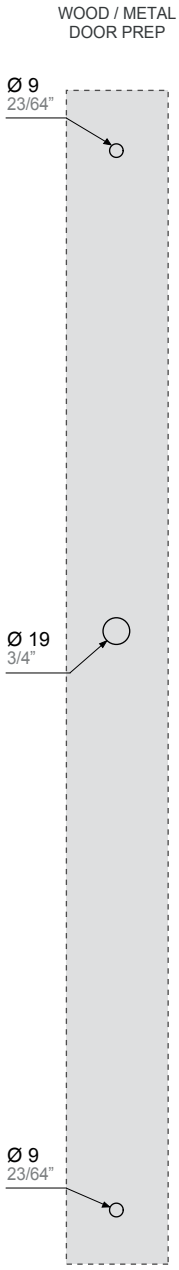
DP1 - DOOR PREPARATION FOR FULL SIZE LADDER PULLS NON LOCKING

HOLES DIAMETERS AND CENTER TO CENTER SIZES



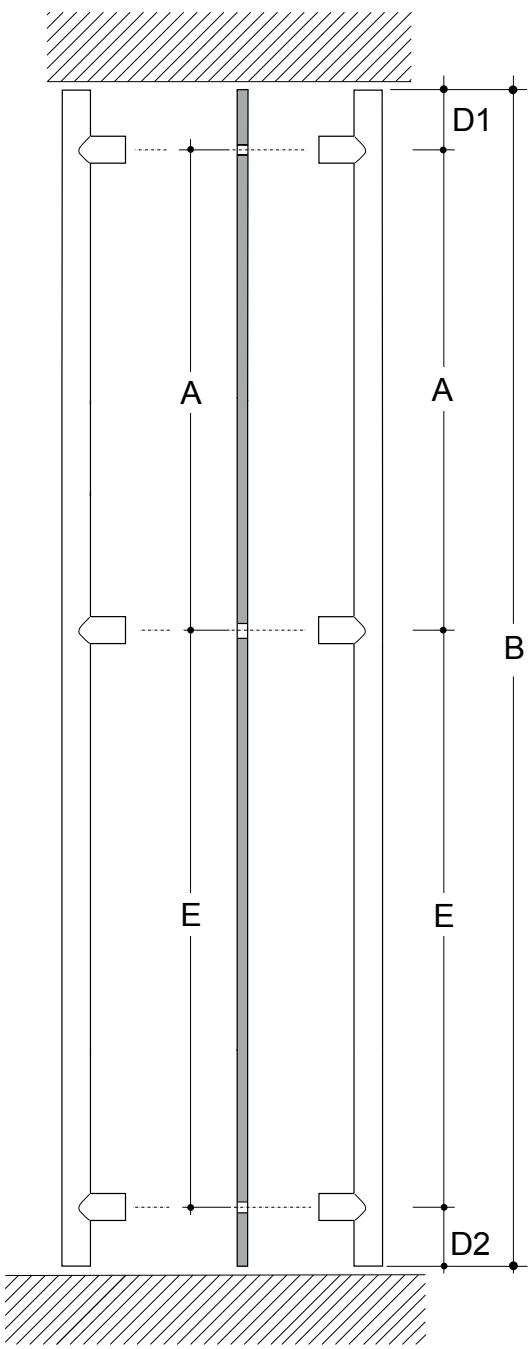


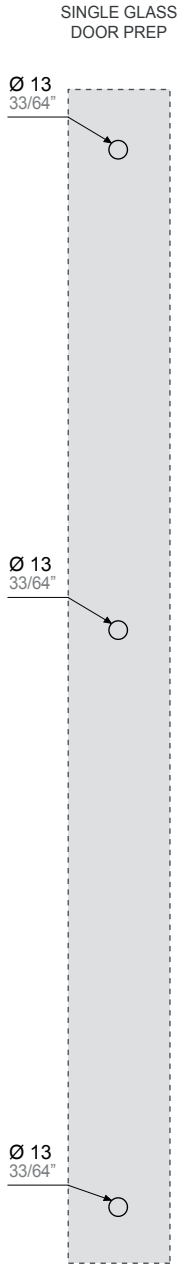


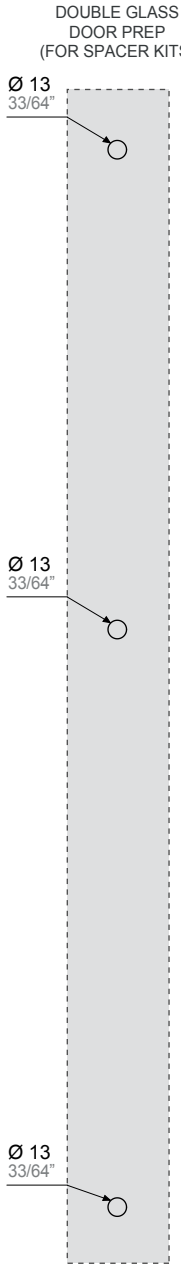


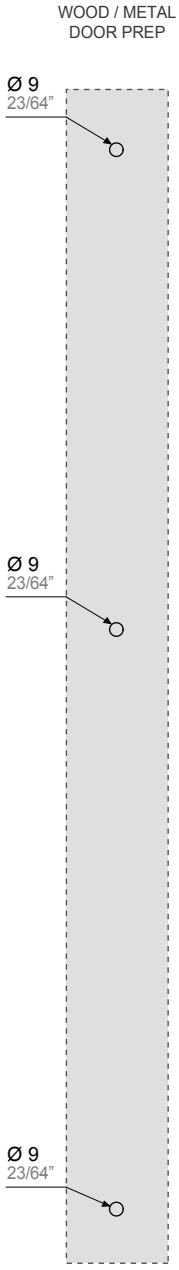
DP4 - DOOR PREPARATION FOR FULL SIZE LADDER PULLS NON LOCKING (ONLY ROUND POSTS)

HOLES DIAMETERS AND CENTER TO CENTER SIZES



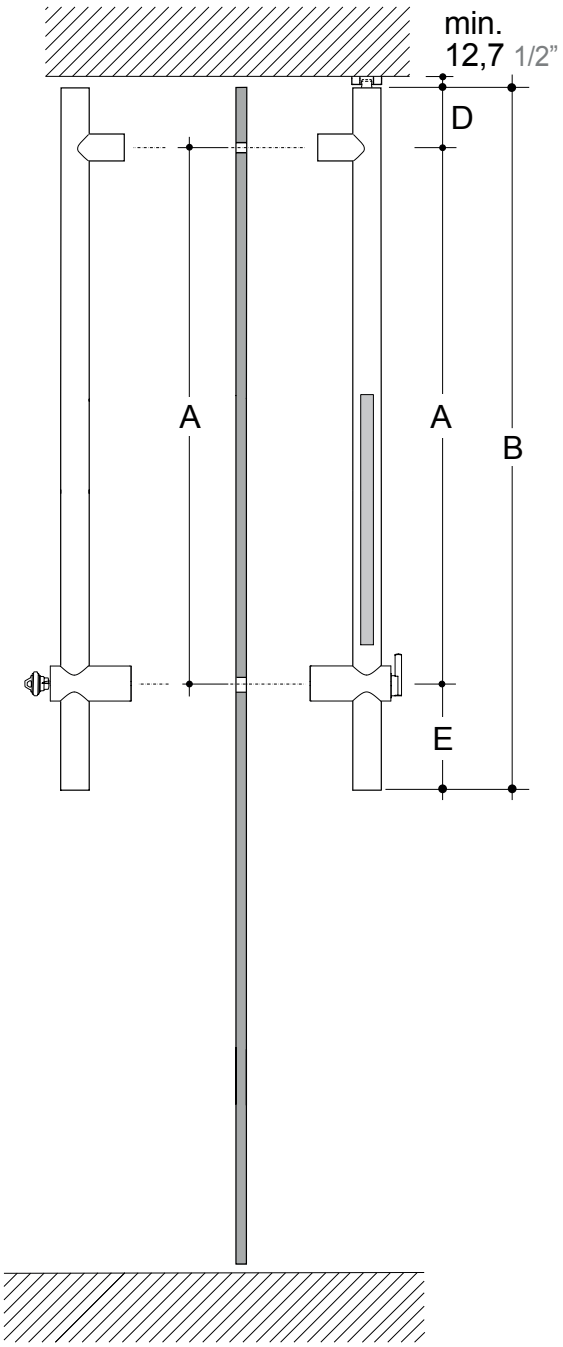


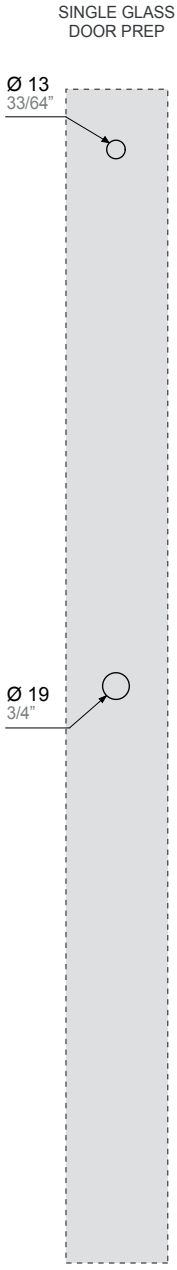


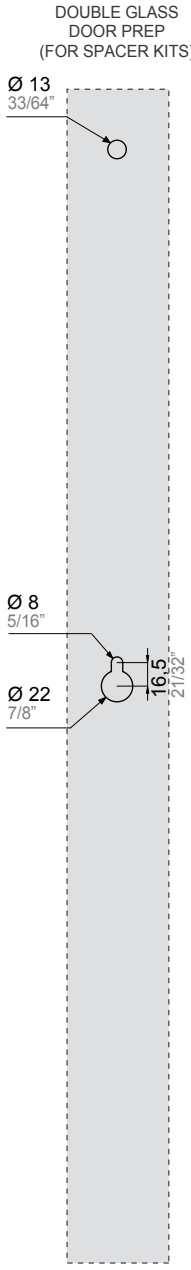


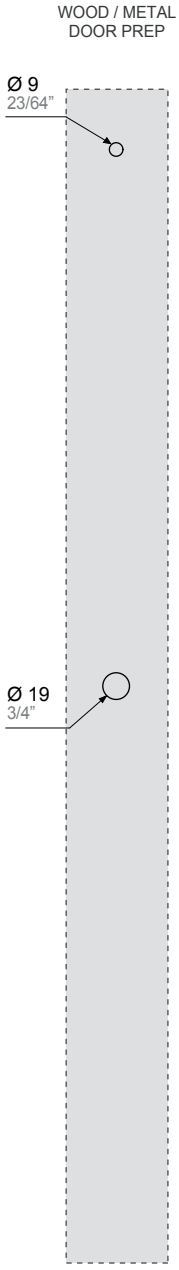
DP8 - DOOR PREPARATION FOR HALF SIZE SINGLE-MOTION UNLOCKING DOOR PULLS

HOLES DIAMETERS AND CENTER TO CENTER SIZES



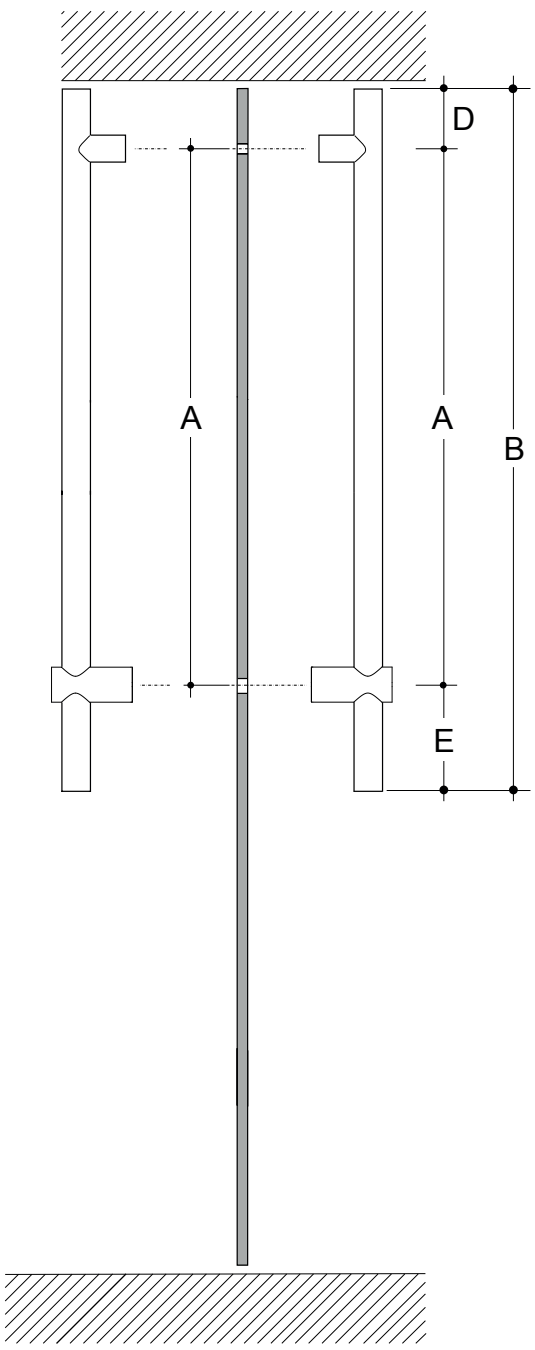


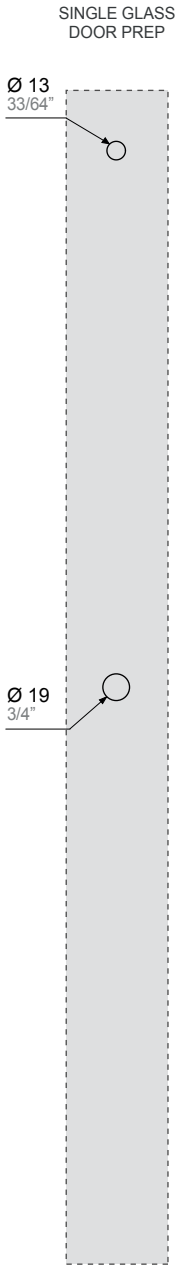


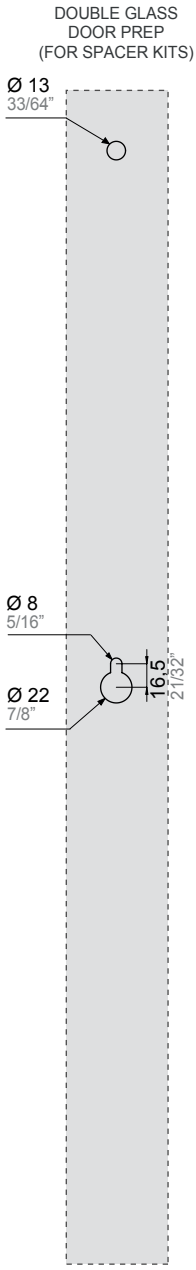


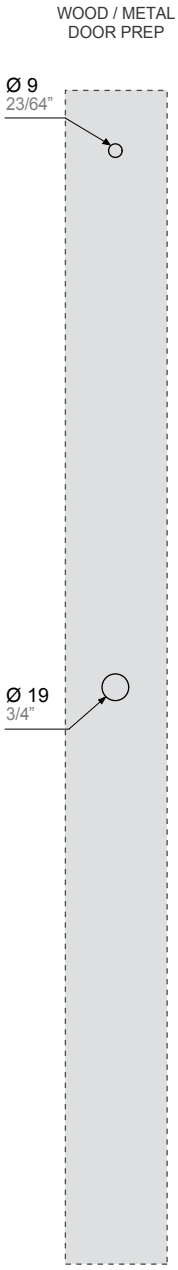
DP3 - DOOR PREPARATION FOR HALF SIZE LADDER PULLS NON LOCKING

HOLES DIAMETERS AND CENTER TO CENTER SIZES



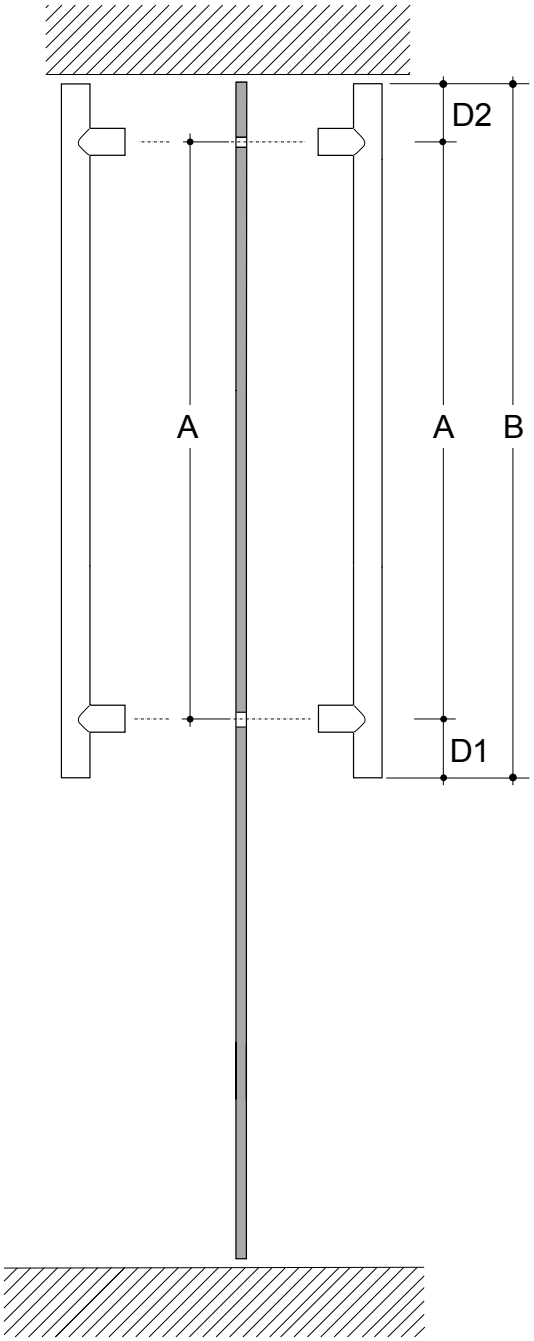


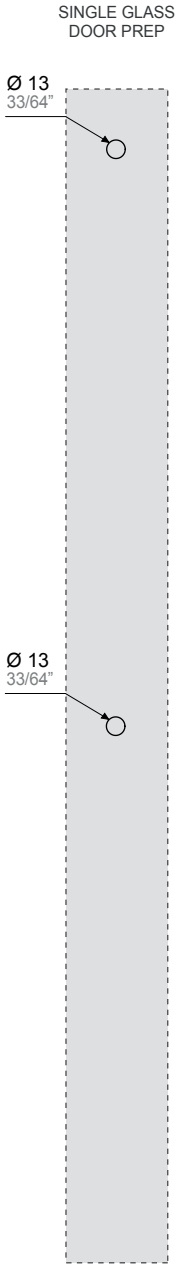


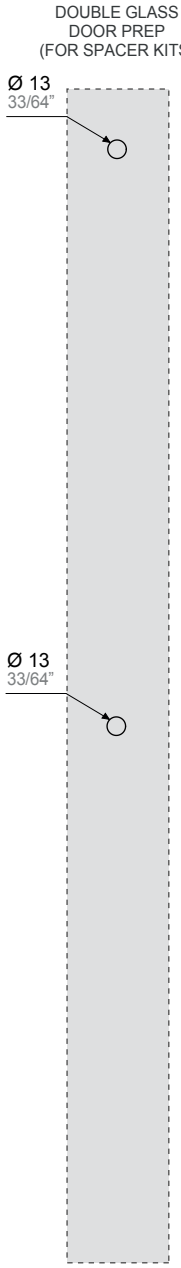


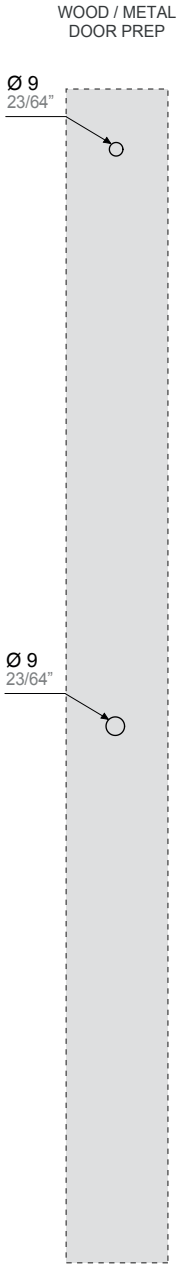
DP5 - DOOR PREPARATION FOR HALF SIZE LADDER PULLS NON LOCKING (ONLY ROUND POSTS)

HOLES DIAMETERS AND CENTER TO CENTER SIZES

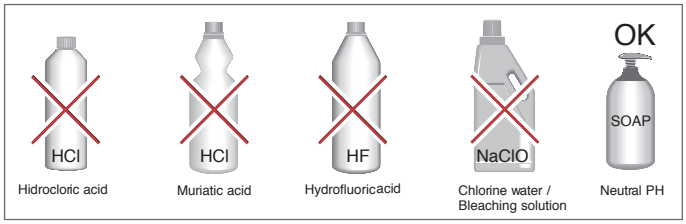


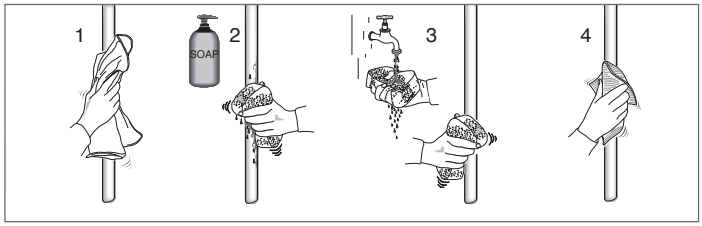






MAINTENANCE





ADA

The Americans with Disabilities Act of 1990 (ADA), including the following amendments, fixes that door and gate hardware shall be operable with one hand and shall not require tight grasping, pinching and twisting of the wrist. Moreover a force of maximum 5 pounds (22,2 N) is required to operate the hardware. All pba ADA products are designed and produced in compliance of the above requirements. Final interpretation of ADA compliance is the responsibility of the specifier and should be determined relative to specific project conditions and local codes.