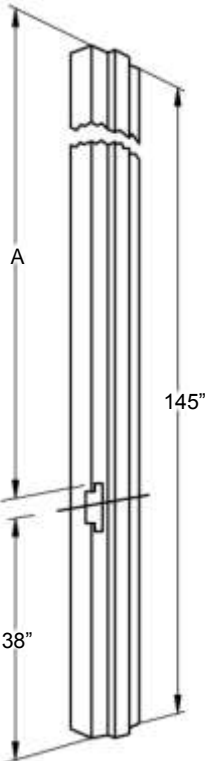
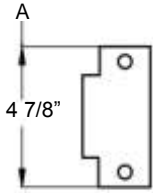


TECHNICAL DATA – STICKS

HARDWARE

**ENGINEERING DETAILS for
STANDARD STRIKE LOCATION – STICKS- L 12'-1" SHOWN**

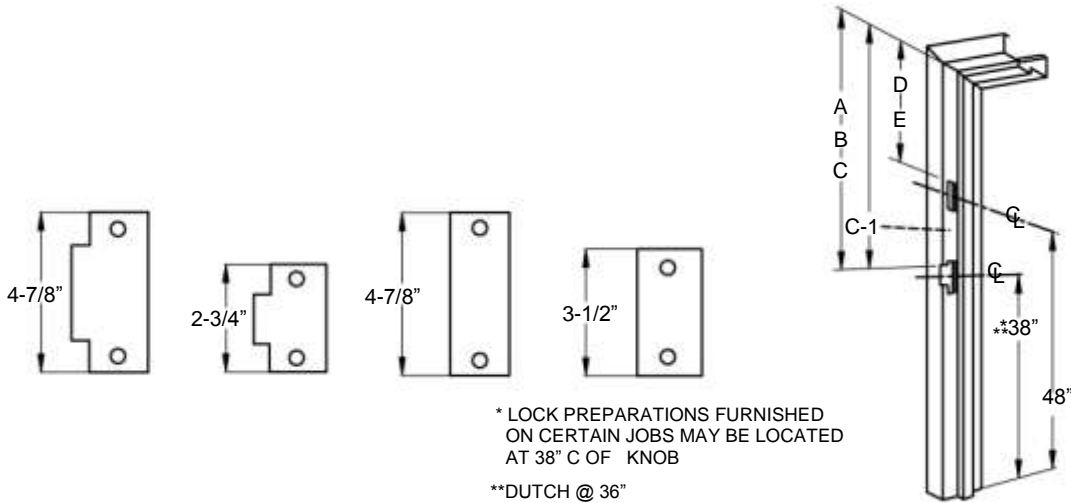
NOMINAL DOOR OPENING HEIGHT	4-7/8" UNIVERSAL STRIKE ANSI A156.115.
	A
All Door Heights	104-9/16"



TECHNICAL DATA – FRAMES

HARDWARE

**ENGINEERING DETAILS for
STANDARD STRIKE LOCATIONS FRAMES**



NOMINAL DOOR OPENING HEIGHT	4-7/8" UNIVERSAL STRIKE ANSI A115.1 & A115.2	2-3/4" STRIKE ANSI A115.2	DUTCH 4- 7/8" UNIVERSAL STRIKE ANSI A115.1 & A115.2	UL DUTCH 4-7/8" STRIKE FOR TOP DOOR LEAF	DEADLOCK 4-7/8" STRIKE (No Lip)	DEADLOCK 3-1/2" STRIKE (No Lip)
	A	B	C	C-1	D	E
6'-0"	31-9/16"	32-5/8"	33-9/16"	21-3/4"	21-9/16"	22-1/4"
6'-2"	33-9/16"	34-5/8"	35-9/16"	23-3/4"	23-9/16"	24-1/4"
6'-4"	35-9/16"	36-5/8"	37-9/16"	25-3/4"	25-9/16"	26-1/4"
6'-6"	37-9/16"	38-5/8"	39-9/16"	27-3/4"	27-9/16"	28-1/4"
6'-8"	39-9/16"	40-5/8"	41-9/16"	29-3/4"	29-9/16"	30-1/4"
6'-10"	41-9/16"	42-5/8"	43-9/16"	31-3/4"	31-9/16"	32-1/4"
7'-0"	43-9/16"	44-5/8"	45-9/16"	33-3/4"	33-9/16"	34-1/4"
7'-2"	45-9/16"	46-5/8"	47-9/16"	35-3/4"	35-9/16"	36-1/4"
7'-4"	47-9/16"	48-5/8"	49-9/16"	37-3/4"	37-9/16"	38-1/4"
7'-6"	49-9/16"	50-5/8"	51-9/16"	39-3/4"	39-9/16"	40-1/4"
7'-8"	51-9/16"	52-5/8"	53-9/16"	41-3/4"	41-9/16"	42-1/4"
7'-10"	53-9/16"	54-5/8"	55-9/16"	43-3/4"	43-9/16"	44-1/4"
8'-0"	55-9/16"	56-5/8"	57-9/16"	45-3/4"	45-9/16"	46-1/4"
8'-2"	57-9/16"	58-5/8"	59-9/16"	47-3/4"	47-9/16"	48-1/4"
8'-4"	59-9/16"	60-5/8"	61-9/16"	49-3/4"	49-9/16"	50-1/4"
8'-6"	61-9/16"	62-5/8"	63-9/16"	51-3/4"	51-9/16"	52-1/4"
8'-8"	63-9/16"	64-5/8"	65-9/16"	53-3/4"	53-9/16"	54-1/4"
8'-10"	65-9/16"	66-5/8"	67-9/16"	55-3/4"	55-9/16"	56-1/4"
9'-0"	67-9/16"	68-5/8"	69-9/16"	57-3/4"	57-9/16"	58-1/4"
9'-2"	69-9/16"	70-5/8"	71-9/16"	59-3/4"	59-9/16"	60-1/4"
9'-4"	71-9/16"	72-5/8"	73-9/16"	61-3/4"	61-9/16"	62-1/4"
9'-6"	73-9/16"	74-5/8"	75-9/16"	63-3/4"	63-9/16"	64-1/4"
9'-8"	75-9/16"	76-5/8"	77-9/16"	65-3/4"	65-9/16"	66-1/4"
9'-10"	77-9/16"	78-5/8"	79-9/16"	67-3/4"	67-9/16"	68-1/4"
10'-0"	79-9/16"	80-5/8"	81-9/16"	69-3/4"	69-9/16"	70-1/4"
10'-2"	81-9/16"	82-5/8"	83-9/16"	71-3/4"	71-9/16"	72-1/4"
10'-4"	83-9/16"	84-5/8"	85-9/16"	73-3/4"	73-9/16"	74-1/4"
10'-6"	85-9/16"	86-5/8"	87-9/16"	75-3/4"	75-9/16"	76-1/4"

TECHNICAL DATA – FRAMES

GENERAL

10'-8"	87-9/16"	88-5/8"	89-9/16"	77-3/4"	77-9/16"	78-1/4"
10'-10"	89-9/16"	90-5/8"	91-9/16"	79-3/4"	79-9/16"	80-1/4"
11'-0"	91-9/16"	92-5/8"	93-9/16"	81-3/4"	81-9/16"	82-1/4"
11'-2"	93-9/16"	94-5/8"	95-9/16"	83-3/4"	83-9/16"	84-1/4"
11'-4"	95-9/16"	96-5/8"	97-9/16"	85-3/4"	85-9/16"	86-1/4"
11'-6"	97-9/16"	98-5/8"	99-9/16"	87-3/4"	87-9/16"	88-1/4"
11'-8"	99-9/16"	100-5/8"	101-9/16"	89-3/4"	89-9/16"	90-1/4"
11'-10"	101-9/16"	102-5/8"	103-9/16"	91-3/4"	91-9/16"	92-1/4"
12'-0"	103-9/16"	104-5/8"	105-9/16"	93-3/4"	93-9/16"	94-1/4"

TECHNICAL DATA - FRAMES

HARDWARE

**ENGINEERING DETAILS for
STANDARD HINGE AND STRIKE BACKSET**

FRAME — HINGE BACKSET

GAGE	DOOR THICKNESS	3-1/2" HINGE	4" HINGE	4-1/2" .134 HINGE	4-1/2" .180 HINGE	5" .146 HINGE	5" .190 HINGE
12	1-3/4"	11/16"	5/16"	5/16"	5/16"	5/16"	5/16"
14	1-3/4"	11/16"	5/16"	5/16"	11/32"	5/16"	11/32"
16	1-3/4"	11/16"	5/16"	5/16"	11/32"	5/16"	11/32"
16	1-3/8"	5/16"	-	-	-	-	-
18	1-3/4"	11/16"	5/16"	5/16"	5/16"	5/16"	11/32"
18	1-3/8"	5/16"	-	-	-	-	-

*Mortise or Welded-On Hinge

DOOR — HINGE BACKSET

GAGE	DOOR THICKNESS	3-1/2" HINGE	4" HINGE	4-1/2" .134 HINGE	4-1/2" .180 HINGE	5" .146 HINGE	5" .190 HINGE
14	1-3/4"	7/32"	7/32"	7/32"	1/4"	7/32"	1/4"
16	1-3/4"	7/32"	7/32"	7/32"	1/4"	7/32"	1/4"
18	1-3/4"	7/32"	7/32"	7/32"	1/4"	7/32"	1/4"
20	1-3/4"	7/32"	7/32"	7/32"	1/4"	7/32"	1/4"
20	1-3/8"	7/32"	-	-	-	-	-

STRIKE BACKSET

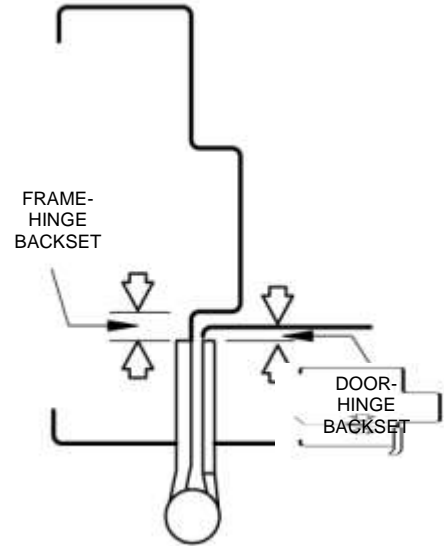
GAGE	DOOR THICKNESS	4-7/8" STRIKE	2-3/4" STRIKE
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WITHOUT SILENCERS

12	1-3/4"	1/4"	5/16"
14	1-3/4"	1/4"	5/16"
16	1-3/4"	1/4"	5/16"
16	1-3/8"	-	-
18	1-3/4"	1/4"	5/16"
18	1-3/8"	-	-

WITH SILENCERS

12	1-3/4"	11/32"	13/32"
14	1-3/4"	11/32"	13/32"
16	1-3/4"	11/32"	13/32"
16	1-3/8"	7/32"	7/32"
18	1-3/4"	11/32"	13/32"
18	1-3/8"	7/32"	7/32"



STRIKE BACKSET