## MOUNTING INFORMATION

Sex nuts or through bolts are required for wood and plastic covered composite doors, and any type of door without reinforcements and recommended for wood core and metal clad (Kalamein) type doors.

RH SHOWN OPPOSITE

TEMPLATE CRDSS REFERENCE			
DESCRIPTION	TEMPLATE		
DC3210, DC3610 x A4 & A5	T30619		
DC3210, DC3610 x A3	T30617		
DC3210, DC3610 × A2	T30618		

## NOTES:

- DIMENSIONS GIVEN IN INCHES AND (MM).
- MINIMUM TOP RAIL: 3" (76.2)
- DIMENSIONS "A" & "B" APPLY TO CENTERLINE OF HINGE/PIVOT FOR BUTT, SWING CLEAR, OFFSET AND CENTER HUNG PIVOTS. ٦.

OPENING MAXIMUM	A		В	С
	DC2210, DC2410	DC2610	D	MINIMUM
85°	8-3/4 (222.3)	10" (254)	12-9/16 (319.1)	28-5/8 (727.1)
90°	7-7/16 (188.9)	8-11/16 (220.7)	11-5/8 (295.3)	27-5/8 (701.7)
100°	5-3/4 (146.1)	7" (177.8)	10-1/16 (255.6)	26-1/8 (663.6)
110°	4-7/16 (112.7)	5-11/16 (144.5)	8-3/4 (222.3)	24-3/4 (628.7)

 ${\bf CAUTION}$ : CLOSER TO BE INSTALLED IN A TRUE DURITURE PROPER CLOSER PERFORMANCE. SEX NUT DETAIL 9/16 DIA. ANGLE SUPPORT MUST BE DRILLED AND TAPPED IN THE FIELD TO ACCEPT FIFTH NOTE: FOR 1-3/4 (44.5) DOORS (LENGTH MAY VARY FOR OTHER (14.3) BRACKET SCREW 1-21/32 DOOR THICKNESSES) (42.1)(50.8) 1/4-20 TAP FOR MACHINE SCREW
OR DRILL FOR
#14 WOOD SCREW 1-1/2 (38.1) (25.4)3/8 DIA (2 PLACES) (9.5)- B (12.7)5/8 (15.9)5/8 (15.9)(50.8)(50.8) 3/8 15/16 (9.5)1/4 (23.8)DUUB (6.4)1 - 1/2447F14 (M85) (38.1) ANGLE SUPPORT BRACKET (76.2)OUTER STOP MOUNTING SURFACE HOLES 1/4-20 TAP FOR MACHINE SCREW OR DRILL FOR 5″ (127) 1-5/8 HINGE DR PIVOT 5/8 (41.3) (15.9)(28.6)#14 WDDD SCREW (5 PLACES) MIN. 5/8 447F13 -(15.9) SPACER (MB6) C FOR FIFTH MAX MINIMUM SCREW FOR STOP STOP FACE HOLO-OPEN (A5) 1/2 OR 5/8 STOP DEPTHS NON HOLD-OPEN (A4) (76.2)(120.7)WHEN ORDERED 1 1/16 11/16 (1.6)(76.2) (17) 3/8 (9.5)(95.3)1/4-20 TAP FOR (50.8) 3 MACHINE SCREW (76.2)OR DRILL FOR 15/16 #14 WOOD SCREW (23.8)(4 PLACES) PI ATF 1/4 FULL COVER SEX NUT APPLICATION: (M80) 9/32 DIA. (7.1) THRU CLEARANCE FOR 1/4-20 SEX NUT APPLICATION: ——ENLARGE TO 3/8 (9.5) DIA. MACHINE SCREW
(4 PLACES) 11-5/8 THIS SIDE ONLY (295.3)(4 PLACES)

## RESPONSIBILITY

DOOR AND FRAME MANUFACTURERS ARE RESPONSIBLE FOR PROVIDING ADEQUATE CONSTRUCTION OR REINFORCEMENTS FOR PROPER INSTALLATION OF HARDWARE SHOWN ALL ARCHITECTURAL BUILDERS HARDWARE MUST BE INSTALLED ON PROPERLY REINFORCED DOORS AND FRAMES, REGARDLESS OF TYPE, MATERIAL OR METHOD OF CONSTRUCTION

DC3210 Series x A4 & A5 DC3610 Series x A4 & A5 And Plate M80

Surface Door Closer ---Parallel Arm Mounting By Backstop Arm & Plate

ASSA ABLOY

www.corbinrusswin.com

SUPERSEDES T30620 DO NOT SCALE DRAWING TEMPLATE NUMBER T30620-1

04-10