9-1/16

1-3/4

2-1/8

→ Holes

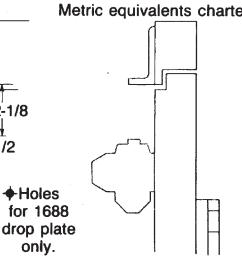
for 1688

only.

¹ 1/2

NOTES:

- Do not scale drawing.
- Left hand door shown.
- Dimensions shown in inches. Metric equivalents charted.



- .1046" (2.7mm.) minimum recommended for hollow-metal door and frame reinforcements.
- SNB required to mount closer on steel covered composite type. sheet metal type, or hollow-metal type fire doors provided without reinforcements.
- Hold Open Arm door closers without Fusible-link release are not permitted to be used on fire doors.
- SNB or TBGN may be required to mount closer on wood or plastic faced composite type fire doors.
- Hollow-metal doors require channel or box-type reinforcements when TBGN mount is specified for closers.

OPENING	DIM. A	DIM. B	DIM. C
To 100°	9-3/8	7-5/8	8-5/8
100° to 130°	7-7/8	6-1/8	7-1/8
Over 130°	5-7/8	4-1/8	5-1/8

1/2-

3-1/4

3/4

Hinge or Pivot

METRIC CONVERSION						
inches	mm.	inches	mm.	inches	mm.	
1/2	12.7	4	101.6	7-1/8	181	
3/4	19.1	4-1/8	105	7-5/8	194	
1-1/2	38.1	5-1/8	130	7-7/8	200	
1-3/4	44	5-7/8	149	8-5/8	219	
2-1/8	54	6-1/8	156	9-1/16	230.2	
2-1/2	63.5	7	177.8	9-3/8	238	
3-1/4	83					

PREPARATION FOR FASTENERS					
FASTENER	DOOR or FRAME	DRILL			
#14 type "A" sheet metal screw	wood	7/32" <i>(5.5mm)</i>			
1/4-20 machine screw	20 machine screw metal #7 (.201"				
SNB (optional)	hollow-metal	9/32" (7.00mm.) thru 3/8" (9.50mm.) door face opposite to closer			
	aluminum or wood	3/8" (9.50mm.) thru			
TBGN (optional)	all	9/32" (7.00mm.) thru 3/8" (9.50mm.) diameter x 3/8" (10mm.) deep, door face opposite to closer			

(P)1600 and (P)1600H Series Door Closers Parallel Arm Applications with 2022 Flush Transom Bracket and with or without 1688 Drop Plate Non Hold Open or Hold Open Arm Individually Sized Units 3 and 4 & Multi-sized Unit 1-6



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TEMPLATE NUMBER

7316-1208