



★ Door must be free to swing 5° beyond hold-open position.

Notes:

- Do not scale drawing.
- Left hand door shown.
- Dimensions are in inches (mm).
- Hollow-metal doors require channel or box-type reinforcement when thru-bolt mount is specified.
- Sex-bolts may be required for wood or plastic faced fire-door mounting.
- Minimum thickness recommended for reinforcements in hollow-metal doors and frames: .1046" (2.66mm).
- UNI-3110, UNI-3310 and UNI-3510 Series have a hold open arm feature and are not permitted to be used on fire door assemblies.

Preparation for Fasteners

| Fasteners | Application | Door or Frame | Drill Sizes |
|--|------------------------------|------------------|---|
| Sex Nuts and Bolts | Closer Drop Plate | Hollow Metal | 9/32" (7.00mm) through 3/8" (9.50mm) door face opposite to closer |
| | | Aluminum or Wood | 3/8" (9.50mm) through |
| #14 x 1-1/4" (32mm) type "A" S.M. screws | Soffit Plate 6190 Bracket | Wood | 7/32" (5.5 mm) |
| 1/4-20 Machine Screw | | Metal | drill: #7 (.201") tap: 1/4-20 |
| Through Bolts and Grommet Nuts | Optional | All | 9/32" (7.00mm) through 3/8" (9.50mm) dia. x 3/8" (10mm) deep door face opposite to closer |

| Door Opening Angle | | Dimensions | | | |
|--------------------|-----------|-------------------------|----------------|---------------|----------------|
| Hold Open ★ | Dead Stop | Butts and Offset Pivots | | Center Pivots | |
| | | A | B | A | B |
| 85° | 90° | 7-1/2 (190.5) | 12-3/4 (324) | 8 (203) | 13-1/4 (336.5) |
| 90° | 95° | 6-3/4 (171.5) | 12 (305) | 7-3/8 (187.5) | 12-5/8 (320.5) |
| 95° | 100° | 6-1/4 (159) | 11-1/2 (292) | 6-3/4 (171.5) | 12 (305) |
| 100° | 105° | 5-3/4 (146) | 11 (279.5) | 6-1/4 (159) | 11-1/2 (292) |
| 105° | 110° | 5-1/4 (133) | 10-1/2 (266.5) | 5-7/8 (149) | 11-1/8 (282.5) |
| 110° | 115° | 4-7/8 (124) | 10-1/8 (257) | 5-1/2 (139.5) | 10-3/4 (273) |

Experience a safer and more open world

Copyright © 2023, ASSA ABLOY Access and Egress Hardware Group, Inc. All rights reserved. Reproduction in whole or in part without the express written permission of ASSA ABLOY Access and Egress Hardware Group, Inc. is prohibited.

UNI-3100, UNI-3300, UNI-3500 Non Hold Open/Stop Arm
 UNI-3110, UNI-3310, UNI-3510 Hold Open/Stop Arm
 Door Closer Sizes 1, 1BF, 2, 3, 4, 5 or 6 Parallel Arm Application with 6190 Bracket Doors 33"-41" (0.85-1.00m) Wide Parallel Arm Installation
 Template Stop Only or Hold Open Unitrol Backcheck or Delayed Action Door Closer With or Without 3148 Drop Plate

Template Number: 7303-1352
 Sheet: 1 of 1
 Date: 12/23

ASSA ABLOY

1-855-557-5078
 www.assaabloy.com