



| Door Opening Angle | | Dimensions | | | |
|--------------------|-----------|-------------------------|--------|---------------|--------|
| Hold Open ★ | Dead Stop | Butts and Offset Pivots | | Center Pivots | |
| | | A | B | A | B |
| 85° | 90° | 9-3/4 | 15-1/4 | 10-1/8 | 15-5/8 |
| 90° | 95° | 8-7/8 | 14-3/8 | 9-3/8 | 14-7/8 |
| 95° | 100° | 8-1/4 | 13-3/4 | 8-5/8 | 14-1/8 |
| 100° | 105° | 7-5/8 | 13-1/8 | 8-1/8 | 13-5/8 |
| 105° | 110° | 7-1/8 | 12-5/8 | 7-5/8 | 13-1/8 |
| 110° | 115° | 6-3/4 | 12-1/4 | 7-1/8 | 12-5/8 |

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

Notes:

Do not scale drawing.

Left hand door shown.

Dimensions are in inches.

Hollow-metal doors require channel or box-type reinforcement when thru-bolt mount is specified.

Sex-bolts required for wood or plastic faced fire-door mounting.

Minimum thickness recommended for reinforcements in hollow-metal doors and frames: .1046" (2.66mm).

Follow Conversion Chart for metric dimensions.

| Preparation for Fasteners | | | |
|--------------------------------|-----------------------------------|------------------|--|
| Fasteners | Application | Door or Frame | Drill Sizes |
| Sex nuts and bolts | Closer Drop Plate 2022 Bracket | Hollow Metal | 9/32" (7.00mm) through 3/8" (9.50mm) door face opposite to closer |
| | | Aluminum or Wood | 3/8" (9.50mm) through |
| 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 |

| inches | mm. | inches | mm. | inches | mm. |
|--------|-------|--------|-------|--------|-------|
| 5/16 | 8 | 7-5/8 | 193.5 | 13-1/8 | 333.5 |
| 1/2 | 12.5 | 8-1/8 | 206.5 | 13-5/8 | 346 |
| 3/4 | 19 | 8-1/4 | 209.5 | 13-3/4 | 349.5 |
| 1-1/8 | 28.5 | 8-5/8 | 219 | 14-1/8 | 359 |
| 1-1/2 | 38 | 8-7/8 | 225.5 | 14-3/8 | 365 |
| 1-3/4 | 44.5 | 9-3/8 | 238 | 14-7/8 | 378 |
| 2-1/2 | 63.5 | 9-3/4 | 247.5 | 15-1/4 | 387.5 |
| 3 | 76 | 10-1/8 | 257 | 15-5/8 | 397 |
| 4 | 101.5 | 12 | 305 | | |
| 6-3/4 | 171.5 | 12-1/4 | 311 | | |
| 7-1/8 | 181 | 12-5/8 | 320.5 | | |

**Unitrol® With 2022 Bracket
Series UNI-8300, UNI-8301,
UNI-8500, UNI-8501
Doors 42" - 48" (1.05-1.20m) Wide**

**Parallel Arm Installation Template
Flush Partitions
Stop Only or Hold Open Unitrol®
Backcheck or Delayed Action Door Closer
With or Without 8148 Drop Plate**



ASSA ABLOY

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TEMPLATE NUMBER

7380-1356

DATE

09-08