



| Door Opening Angle | | Dimensions | | | |
|--------------------|-----------|-------------------------|--------|---------------|--------|
| Hold Open ★ | Dead Stop | Butts and Offset Pivots | | Center Pivots | |
| | | A | B | A | B |
| 85° | 90° | 5-1/8 | 10-1/2 | 5-3/4 | 11-1/8 |
| 90° | 95° | 4-1/2 | 9-7/8 | 5-1/8 | 10-1/2 |
| 95° | 100° | 4 | 9-3/8 | 4-5/8 | 10 |
| 100° | 105° | 3-5/8 | 9 | 4-1/4 | 9-5/8 |
| 105° | 110° | 3-1/4 | 8-5/8 | 3-7/8 | 9-1/4 |
| 110° | 115° | 2-7/8 | 8-1/4 | 3-5/8 | 9 |

★ 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 | 3-5/8 | 92 | 9 | 228.5 |
| 1/2 | 12.5 | 3-7/8 | 98.5 | 9-1/4 | 235 |
| 3/4 | 19 | 4 | 101.5 | 9-3/8 | 238 |
| 1-1/8 | 28.5 | 4-1/4 | 108 | 9-5/8 | 244.5 |
| 1-1/2 | 38 | 4-1/2 | 114 | 9-7/8 | 251 |
| 1-3/4 | 44.5 | 4-5/8 | 117.5 | 10 | 254 |
| 2-1/2 | 63.5 | 5-1/8 | 130 | 10-1/2 | 266.5 |
| 2-7/8 | 73 | 5-3/4 | 146 | 11-1/8 | 282.5 |
| 3 | 76 | 8-1/4 | 209.5 | 12 | 305 |
| 3-1/4 | 82.5 | 8-5/8 | 219 | | |

Unitrol® With 2022 Bracket
Series UNI-8300, UNI-8301,
UNI-8500, UNI-8501
Doors 28" - 32" (0.70-0.80m) 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

| | | |
|------------------|----------|--------------|
| TEMPLATE NUMBER | REV | DATE |
| 7380-1354 | 3 | 12/21 |