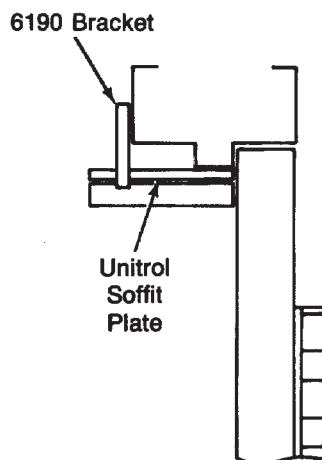


| Opening | | Dim. A | Dim. B | Dim. C |
|-------------|------|--------|--------|--------|
| Hold Open ★ | Stop | | | |
| 85° | 90° | 15 | 13-1/4 | 14-1/4 |
| 90° | 95° | 14-1/4 | 12-1/2 | 13-1/2 |
| 95° | 100° | 13-5/8 | 11-7/8 | 12-7/8 |
| 100° | 105° | 13 | 11-1/4 | 12-1/4 |
| 105° | 110° | 12-1/2 | 10-3/4 | 11-3/4 |
| 110° | 115° | 12 | 10-1/4 | 11-1/4 |

★ 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.

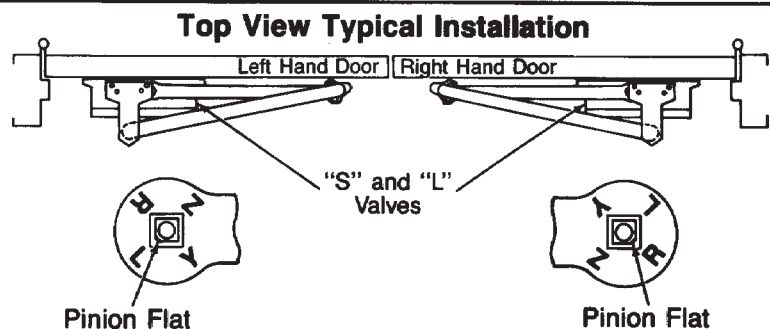
Models with a Hold Open arm suffix are not permitted to be used on fire doors.

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).

Follow Conversion Chart for metric dimensions.

| inches | mm. | inches | mm. | inches | mm. |
|--------|------|--------|-------|--------|-------|
| | | 2-3/4 | 70 | 12-1/4 | 311 |
| 3/8 | 9.5 | 4 | 101.5 | 12-1/2 | 317.5 |
| 7/16 | 11 | 4-1/2 | 114 | 12-7/8 | 327 |
| 1/2 | 13 | 7 | 178 | 13 | 330 |
| 3/4 | 19 | 9-1/16 | 230 | 13-1/4 | 336.5 |
| 1-1/8 | 28.5 | 10-1/4 | 260 | 13-1/2 | 342.5 |
| 1-1/4 | 31.5 | 10-3/4 | 273 | 13-5/8 | 346 |
| 1-1/2 | 38 | 11-1/4 | 285.5 | 14-1/4 | 361.5 |
| 1-5/8 | 41 | 11-3/4 | 298 | 15 | 380.5 |
| 1-7/8 | 47.5 | 11-7/8 | 301.5 | | |
| 2 | 51 | 12 | 304.5 | | |



| Fastener | Frame | Door | Drill |
|--------------------------------|-------|------------------|--|
| 1/4-20 machine screw | metal | none | #7 (.201" dia.) or 5.10mm. drill. . 1/4-20 tap |
| #14 type "A" sheet metal screw | wood | none | 7/32" (5.5mm) |
| SNB | none | hollow-metal | 9/32" (7.00mm.) thru 3/8" (9.50mm.) door face opposite to closer |
| | | aluminum or wood | 3/8" (9.50mm.) thru |

UNI-1600 or UNI-1600H Series Unitrol Door Closers
 Parallel Arm Application for Doors 42" to 48" (1.05-1.02m) Wide
 With Standard 6190 Bracket & With or Without 1688 Drop Plate
 Non Hold Open or Hold Open Arm - All Arms With Spring Cushioned Stop
 Individually Sized Units 3 and 4 & Multi-size Unit 1-6



ASSA ABLOY

| TEMPLATE NUMBER | REV | DATE |
|------------------|----------|--------------|
| 7316-2356 | 4 | 12/21 |