



Optional

Through-bolts and

arommet-nuts

Left hand door shown Dimensions are in inches (mm.)

Do not scale drawing

Caution: Door swing may be limited by door, frame, wall, or hardware conditions.

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.) unless otherwise noted.

> P7580 and P7780 Series Door Closers With or Without 7788 Drop Plate Parallel Arm Installation With Non-Hold Open Arm



Drill-Sizes

9/32" (7.00mm.) through;

3/8" (9.50mm.) on door or

transom-face opposite

3/8" (9.50mm.) through

9/32" (7.00mm.) through;

3/8" (9.50mm.) dia. x

3/8" (10mm.) deep on

door or transom-face opposite to closer

3/16° (4.30mm.)

7/32" (5.50mm.)

tap: 1/4-20

to closer

Aluminum

or Wood

AII

drill: #7 (.201" dia.)

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TEMPLATE NUMBER 7377-0209

07-08