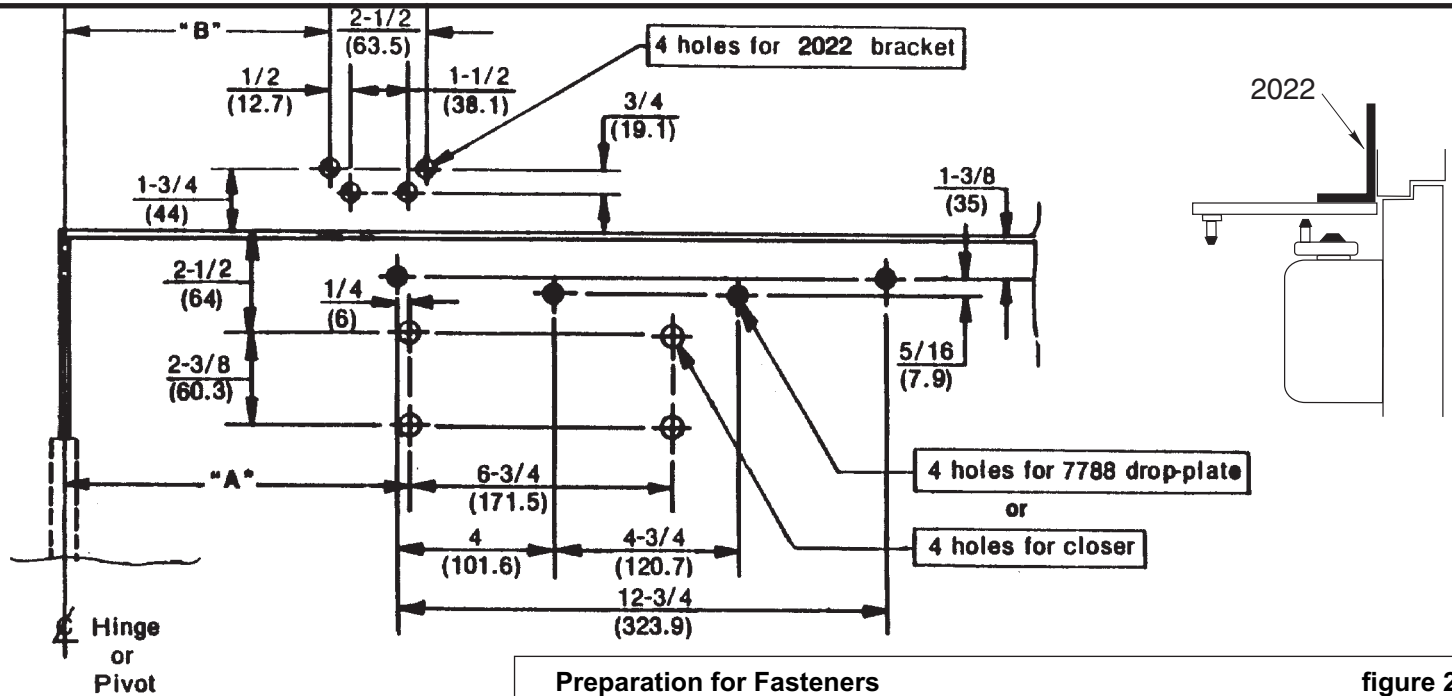


Opening	Dim. "A"		Dim. "B"	
	inches	mm	inches	mm
To 100°	8-3/4	222	9-3/8	238
101° to 130°	7-1/4	184	7-7/8	200
131° to 150°	6-1/4	159	6-7/8	175
151° to 180°	5-1/4	133	5-7/8	149



Do not scale drawing
 Left hand door shown
 Dimensions are in inches (mm)

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.

Always consult door/frame manufacturer for fastener compatibility with the material of their door/frame.

Preparation for Fasteners figure 2

		Fasteners	Door or Frame	Drill-Sizes
Standard	Self-Drilling Screw		Aluminum or Metal	No drill required
			Wood	3/16" (4.30 mm) Pilot hole required.
	1/4" - 20 machine screw	Metal	Drill: #7 (0.201" dia.) Tap: 1/4" - 20	
Optional	Sleeve nuts and bolts		Hollow Metal	9/32" (7 mm) through; 3/8" (9.5 mm) door face opposite to closer
			Aluminum or Wood	3/8" (9.5 mm) through
	Through-bolts and grommet-nuts		All	9/32" (7 mm); 3/8" (9.5 mm) dia. x 3/8" (9.5 mm) deep on door opposite to closer

**P7500 and P7700 Series Door Closers
 With 2022 Bracket
 With or Without 7788 Drop Plate
 Parallel Arm Installation With Non-Hold Open Arm**



ASSA ABLOY

TEMPLATE NUMBER	REV	DATE
7377-0206	3	12/21

Approved 2022-02-25