

Closers, 110 & 100 Series

ORDERING INFORMATION

How to Order

- 1 Select number from pages 8-9, i.e., 110.
- 2 Add closer size from table below*, i.e., 110-3.

Regular or Top Jamb Closers				Parallel Arm or Corner Bracket Closers		
Closer Size	Maximum Size of Door			Closer Size	Maximum Size of Door	
	Interior	Exterior, Inswinging	Exterior, Outswinging		Interior	Exterior, Outswinging
2	3'0"	—	—	2	2'6"	—
3	3'6"	2'6"	3'0"	3	3'0"	2'6"
4	4'0"	3'0"	3'6"	4	3'6"	3'0"
5	4'6"	3'6"	4'0"	5	4'0"	3'6"
6	5'0"	4'0"	4'6"	6	4'6"	4'0"

*Door sizes for Track Type closers are shown on page 9.

- 3 Specify finish, i.e., 110-3 DBL.

DBL Dull Bronze Lacquer
GBL Gold Brass Lacquer

SBL Silver Aluminum Lacquer
USP Prime Coat for Painting

Other finishes to order:

OBL Very Dark Statuary Bronze Lacquer
(matches 20A)

LBL Bronze Color Spray Paint
(matches US10B and US10BL)

US28 Satin Aluminum, Anodized

US26 Polished Chrome

US10 Satin Bronze

US26D Satin Chrome

(When plated or natural finish covers are furnished, arms are spray painted to match)

- 4 Specify Hand of Closer — required on Fusible Link and Delayed Action Closers only.

- 5 Backcheck — Regularly furnished on 110 series
Prefix BC to number on 100 series, i.e., BC100.

- 6 Delayed Action, if required — Prefix DA to number, i.e., DA110.

- 7 Bracket, if required — See page 10 for brackets available.

- 8 Arm for Special Reveal — APPLIES TO TOP JAMB MOUNTED CLOSERS ONLY.

As regularly furnished, closer arm will adjust to accept 3¼ in. reveal. If reveal is greater than 3¼ in., select special arm required from following chart and suffix to closer number, i.e., 110-3 x A78-5, etc.

Type Closer	Arm No. for Reveals over 3¼" to 7¼" inclusive	Arm No. for Reveals over 7¼" to 11" inclusive
Non Hold-Open	A78-5	A78-9
Hold-Open	A79-5	A79-9
Reg. Fusible H.O.	A76F-5	A76F-9
Par. Fusible H.O.	Not Available	Not Available

- 9 Carton Stamping for Top-Jamb closers:

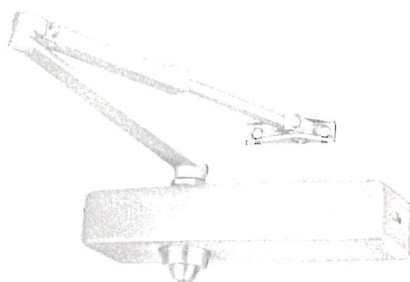
110 and 100 series Closers are reversible and universal. Either series may be Top Jamb mounted without alteration. As a guide to the installer to

insure proper installation we will stamp letter J on closer cartons where Top Jamb mounting is desired. Prefix J to number when ordering, i.e., J100-3, etc.

Closers, 110 & 100 Series

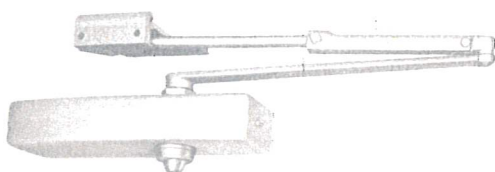
CLOSER NUMBERS

Surface Closer x Surface Arm Bracket



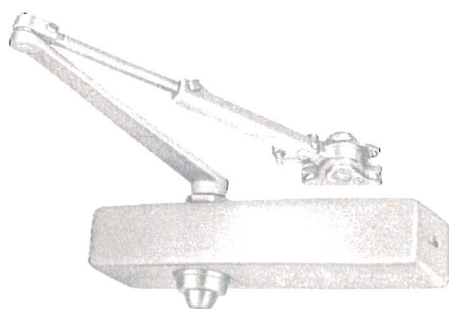
Type Hold-Open	Arm Assem. Number	Degree Of Hold-Open	Maximum Degree Of Opening	CLOSER NUMBER
Non Hold-Open	A78	—	180°	110-Size or 100-Size
Hold-Open	A79	85°-180°	180°	110H-Size or 100H-Size

Parallel Arm Closer Applied to Stops $1\frac{1}{8}$ inch or greater—When Stop is less than $1\frac{1}{16}$ inch, apply to Soffit.



Non Hold-Open	A78x721	—	180°	P110-Size or P100-Size
Hold-Open	A79x721	45°-180°	180°	P110H-Size or P100H-Size

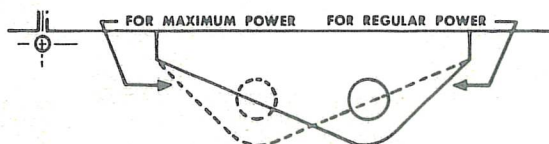
Fusible Link Arm Closer



Regular Hold-Open	A76F	85°-180°	180°	110H-Size-F or 100H-Size-F (Specify hand)
Parallel Arm Hold-Open	A72F	45°-180°	180°	P110H-Size-F or P100H-Size-F (Specify hand)

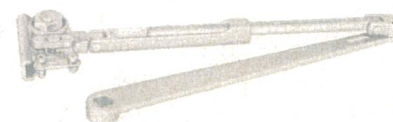
Power Adjustment Arm Bracket:

Furnished regularly with both 100 and 110 series door closers equipped with non hold-open arms. As illustrated below, the bracket may be mounted to supply normal closing power or reversed to supply a minimum of 15 percent greater closing power.



Hold-Open Arm
(Not Handed)

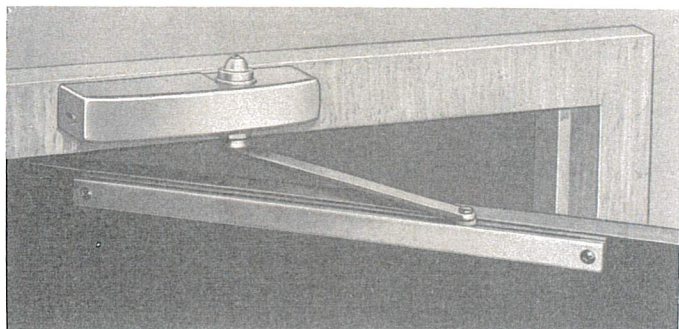
Fusible Link Arm
(Handed)



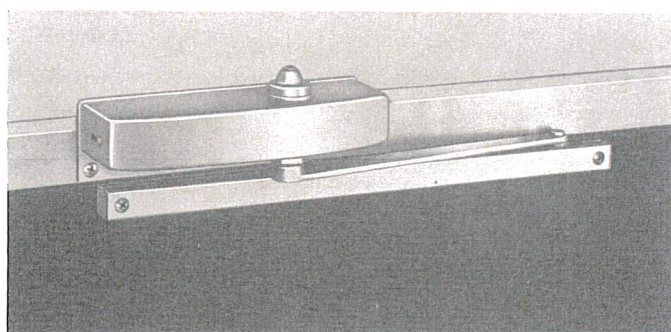
Closers, 110 & 100 Series

CLOSER NUMBERS

Top Jamb Closer — Track Type



Shown mounted on Frame
Minimum Frame required: 3 in.



Shown mounted on Frame Adapter Plate
Minimum Frame required: 1 in.

Frame Adapter Plate:

No. 722T-10 for 110 series Closer. $11\frac{1}{8} \times 2\frac{3}{4} \times \frac{1}{4}$ in.
No. 722T for 100 series Closer. $10\frac{3}{8} \times 2\frac{3}{4} \times \frac{1}{4}$ in.

Closer Number		Type Closer
110 Series	100 Series	
110T-SIZE	100T-SIZE	Non Hold-Open
110TH-SIZE	100TH-SIZE	Hold-Open

Top Jamb mounted on hinge side of door.

Maximum degree of opening: 100°.

Arm and track are reversible.

Specifications: (See pages 6 and 7 for additional specifications).

Arm: drop forged steel for extra strength, reversible.

Hold-open: hardened spring loaded hold-open mechanism with screw adjustment for variable hold-open tension.

Hold-open may be set at any of the following points:
85°, 90°, 95° and 100°.

Size: available in all closer sizes — see ordering chart below.

Track: reversible, surface applied to door, size $21\frac{3}{4} \times 1\frac{1}{2}$ in., $1\frac{1}{2}$ in. max. projection.

Backcheck: takes effect at approximately 70°. Regularly furnished with 110 series. Prefix "BC" to number on 100 series.

Finishes: DBL dull bronze lacquer.
SBL silver aluminum lacquer.
GBL gold brass lacquer.

Closer Size	Maximum Door Size		
	Interior	Exterior, Inswinging	Exterior, Outswinging
2	2'0"	—	Not Recommended
3	2'6"	—	
4	3'0"	2'0"	
5	3'6"	2'6"	
6	4'0"	3'0"	