

SERIES 8050

Adjustable Spring Power • Surface Mounted



Features:

- Underwriters' Laboratories Inc. Listed
- ADA (Handicap) multi-sized closers with adjustable spring power for a range of sizes adjustable after installation:

8051 8 1/2 lb. opening force to a size 5
8052 5 lb. opening force to a size 4

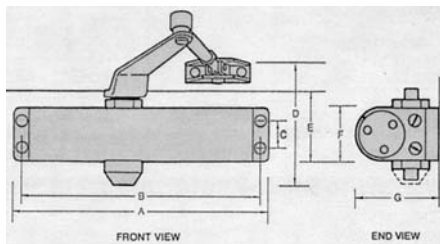
- Two Speed Control Valves: Closing and Latching speeds controlled by separate regulating valves, adjustable after installation.
- Universal application. Non-handed for standard, top jamb or parallel arm installation.
- Rack and pinion mechanism contained in a high tensile precision cast aluminum housing.
- Stable hydraulic door check fluid for any climactic operation and constant lubrication.
- Furnished with regular, hold-open or fusible link hold-open arms.
- Hold-open arms are adjustable for holding from 90° to 180°.
- Attractive baked enamel finishes:

AL — Aluminum
DU — Storefront Bronze

Closer Functions:

INT 8051: Adjustable spring power with adjustable Back-Check controlled by a separate regulating valve, adjustable after installation.

INT 8052: Adjustable spring power with adjustable Delayed Closing Action controlled by a separate regulating valve, adjustable after installation.



Description	Size
Length of Closer (A) -----	9 3/4"
Horizontal Mounting Holes (B) -----	9 1/16"
Vertical Mounting Holes (C) -----	3/4"
Overall Height (D) -----	4 21/32"
Top of Door to Bottom of Closer Body (E) -----	2 1/16"
Height of Closer (F) -----	1 21/32"
Projection from Door (G) -----	2 29/32"

Part No.	Type
INT 8051 -----	BackCheck
INT 8052 -----	Delayed Action

SERIES 850

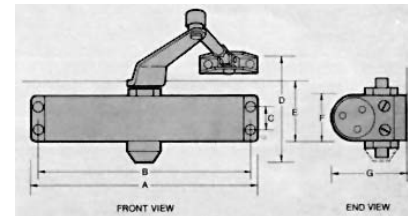
Adjustable Back-Check



Features:

- Underwriters' Laboratories Inc. Listed
- Range of Sizes:
Standard: 852, 853, 854 and 855
Back-Check: 883, 884, and 885
- Two Speed Control Valves: Closing and Latching speeds controlled by separate regulating valves, adjustable after installation
- Series 880 has adjustable Back-Check function controlled by a separate regulating valve, adjustable after installation
- Universal application. Non-handed for standard, top jamb or parallel arm installation
- Available with regular, hold-open or fusible link hold-open arms.
- Regular arms are equipped with a 15% (±1/2%) power adjustment bracket
- Hold open arms are adjustable for holding from 90° to 180°
- Rack and pinion mechanism contained in a high tensile precision cast aluminum housing assures the highest quality
- Stable hydraulic door check fluid for any climactic operation and constant lubrication
- Narrow design permits installation on most modern glass and aluminum doors without adapters

AL — Aluminum
DU — Storefront Bronze

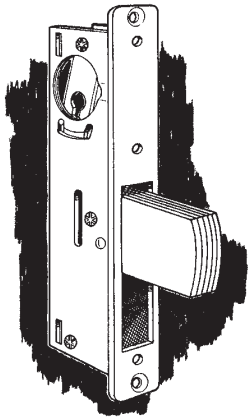


Description	Sizes		
	2	3	4 & 5
Length of Closer ----- (A) -----	8 1/8"	8 7/8"	9 3/4"
Horizontal Mounting Holes ----- (B) -----	7 3/8"	8 3/16"	9 1/16"
Vertical Mounting Holes ----- (C) -----	3/4"	3/4"	3/4"
Overall Height ----- (D) -----	4 9/16"	4 9/16"	4 9/16"
Top of Door to Bottom of Closer Body --- (E) ---	2 3/16"	2 3/16"	2 3/16"
Height of Closer ----- (F) ---	1 21/32"	1 21/32"	1 21/32"
Projection from Door ----- (G) ---	2 27/32"	2 27/32"	2 27/32"

Part No.	Type	Int. Door Size	Ext. Door Size Swing Out/In
INT 852 P -----	Parallel Arm -----	32"	28"/24"
INT 853 P -----	Parallel Arm -----	36"	32"/28"
INT 854 P -----	Parallel Arm -----	42"	36"/32"
INT 855 P -----	Parallel Arm -----	48"	42"/36"

SWINGING DOOR HARDWARE

“Long Throw” Deadlock

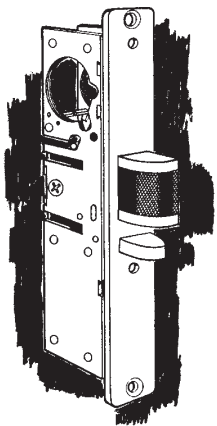


- Cylinder backset available — 31/32", 1 1/8", and 1 1/2"
- Bolt 1 3/8" throw, made of five-ply laminated steel with a hardened roller pin in a case hardened center ply for maximum security
- Lock accepts standard 1 5/32" Mortise key or Thumbturn cylinders with AR MS-Type cam
- Radius faceplate supplied

Specify: Cylinder Backset and Faceplate finish: AL or DU

Part No.
INT DT 1852

Deadlatch Lock

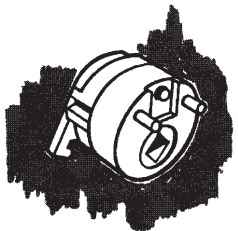


- Cylinder backset available — 31/32" and 1 1/8"
- Field reversible for opposite hand
- Key controlled dogging
- Latchbolt 1/2" throw, chrome plated with Delrin insert for smooth, quiet latching
- Lock accepts standard 1 5/32" Mortise key or Thumbturn cylinders with AR MS-Type cam
- SS-4510 Strike included, US 26D
- Radius Faceplate Supplied

Specify: Cylinder Backset, Hand if pre-handing required and Faceplate finish: AL or DU

Part No.
INT DL 4510

Cam Plug

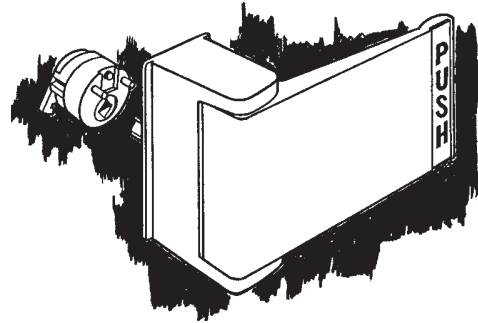


- For use with HL-4560 Lever Handle and PH-4520 Paddle Handle
- Non-handed, field reversible

Specify: Hand if pre-handing required

Part No.
INT CP 4560

Paddle Handle



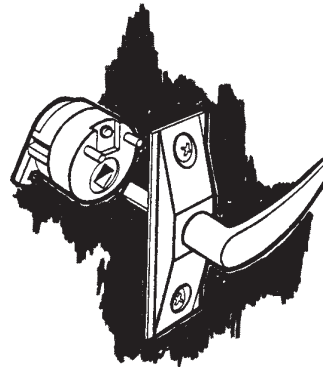
- For use with DL-4510 type Latch Lock
- “Push” or “Pull” (F/O) Paddle Handle
- Field reversible for opposite hand with plates included
- Cam plug, field reversible, included
- Extruded Aluminum handle
- Finishes Available:

AL: Handle anodized Satin Aluminum, Housing baked Satin Aluminum paint

DU: Handle anodized Storefront Bronze, Housing baked Storefront Bronze paint

Part No.
INT PH 4521 Push to Left
INT PH 4522 Push to Right

Lever Handle



- For use with DL-4510 type Latch Lock
- Cam Plug, field reversible, included
- Finishes Available:
AL: Baked Satin Aluminum Paint
DU: Baked Storefront Bronze Paint

Specify: Hand if pre-handing required, finish

Part No.
INT HL 4560