

1460T Series



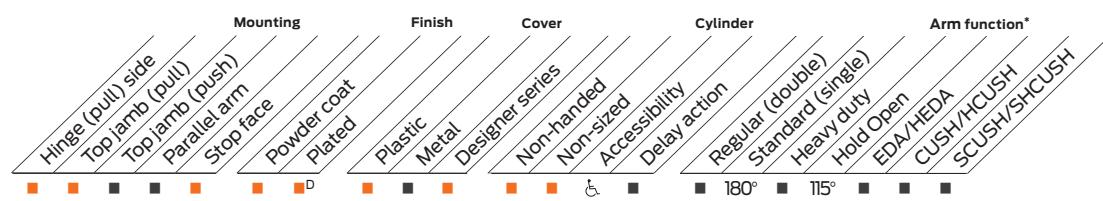
The 1460T is a fully universal slim line, single lever (track) arm closer designed for interior use on narrow head frames and top rails. The modern styling and small projection make it an excellent choice for interior doors.

Features

Certifications	Grade 1 - ANSI A156.4, UL 10C, ADA, 100 hour salt spray, meets BAA - Buy American Act	Cover	<ul style="list-style-type: none"> ▪ Slim line plastic cover, standard ▪ Full plastic or full metal designers series, optional
Body construction	<ul style="list-style-type: none"> ▪ Cast iron body ▪ Full complement bearing ▪ 1 1/4" diameter piston ▪ 5/8" diameter single heat treated pinion journal 	Fasteners	Self reaming and tapping screws (SRT)
Fluid	All weather fluid	Mounting	Hinge (pull side), top jamb (pull side), stop face (push side)
Handing	Non-handed	Arms	Single level with track roller
Templating	Peel-n-Stick templates - 1" x 7 1/2" mounting hole pattern	Finishes/colors/powder coat	<ul style="list-style-type: none"> ▪ 689 Aluminum ▪ 690 Statuary Bronze ▪ 691 Light Bronze ▪ 693 Black ▪ 695 Dark Bronze ▪ 696 Brass ▪ Custom colors optional
Size	<ul style="list-style-type: none"> ▪ 1460T adjustable size 2-4 ▪ 1461T adjustable size 1-2 		<ul style="list-style-type: none"> ▪ Optional SRI primer - powder coat only ▪ Optional plated finishes
Warranty	30 years		

Special templates

Customized installation templates or products may be available to solve non-standard applications. Contact LCN Product Support for assistance.



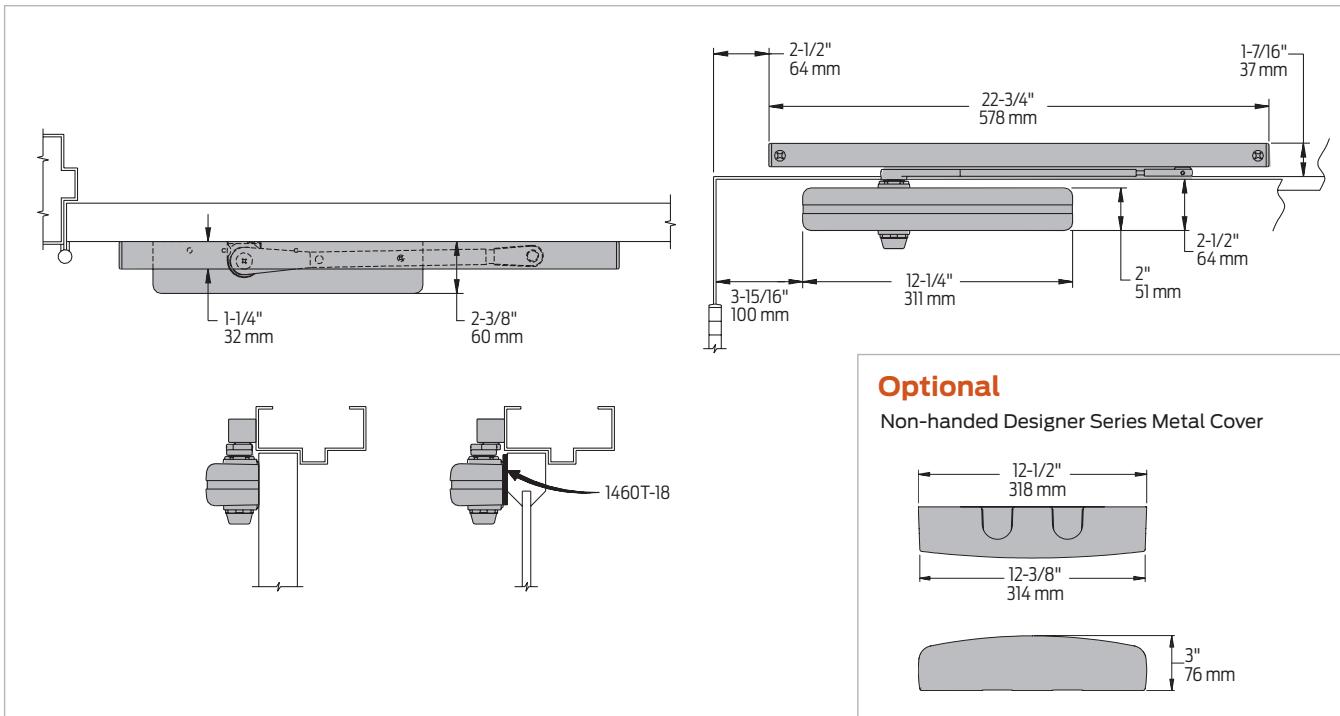
- Available
- Not available

ⓘ Closer available with less than 5.0 lbs. opening force on 36" door.
* Maximum opening/hold open point with standard template.

D For designer series only

Mounting details

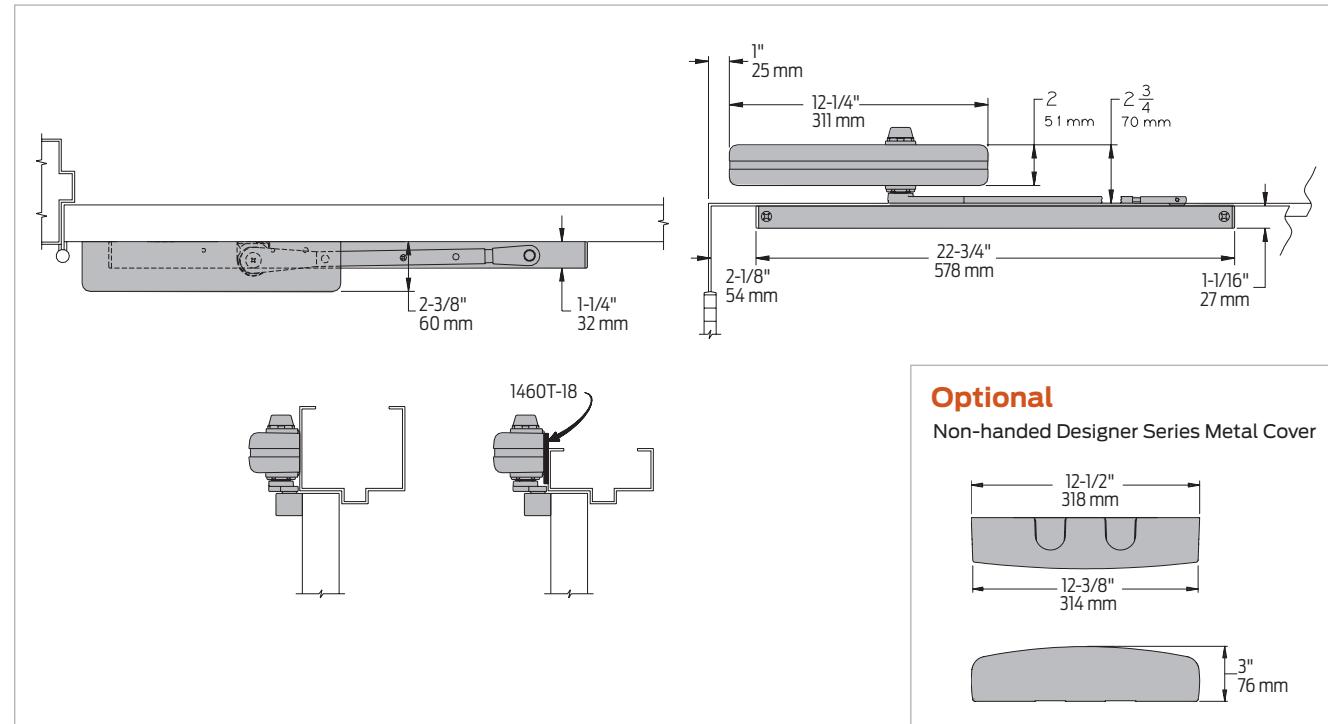
Hinge (pull side) mounting



Butt hinges	Should not exceed 5" (127 mm) in width
Auxiliary stop	<ul style="list-style-type: none"> Recommended where a door cannot swing 180° Optional track bumper assembly assists backcheck in cushioning the opening swing of the door. It is not intended to replace an auxiliary stop
Reveal	Should not exceed 1/8" (3 mm)
Top rail	<ul style="list-style-type: none"> Less than 2 1/2" (64 mm) requires plate, 1460T-18 Plate requires 1 1/2" (38 mm) minimum With Full Plastic Cover, use plate, 1460T-18FC With Designer Series Metal Cover, use plate, 1460T-18DS
Clearance	2 3/8" (60 mm) behind door required for installation
Maximum opening	<ul style="list-style-type: none"> Templating allows up to 180° trim and frame permitting, limited to 115° when optional bumper is installed Hold open points at 85°, 90°, 95°, 100°, 110° or 115° with Hold Open Tracks Please note that many track style door closers are capable of allowing 180° of door swing Be aware that the majority of track style closers are at their weakest closing force in the 180°-130° range Consult factory for applications where door must swing 180°

Mounting details

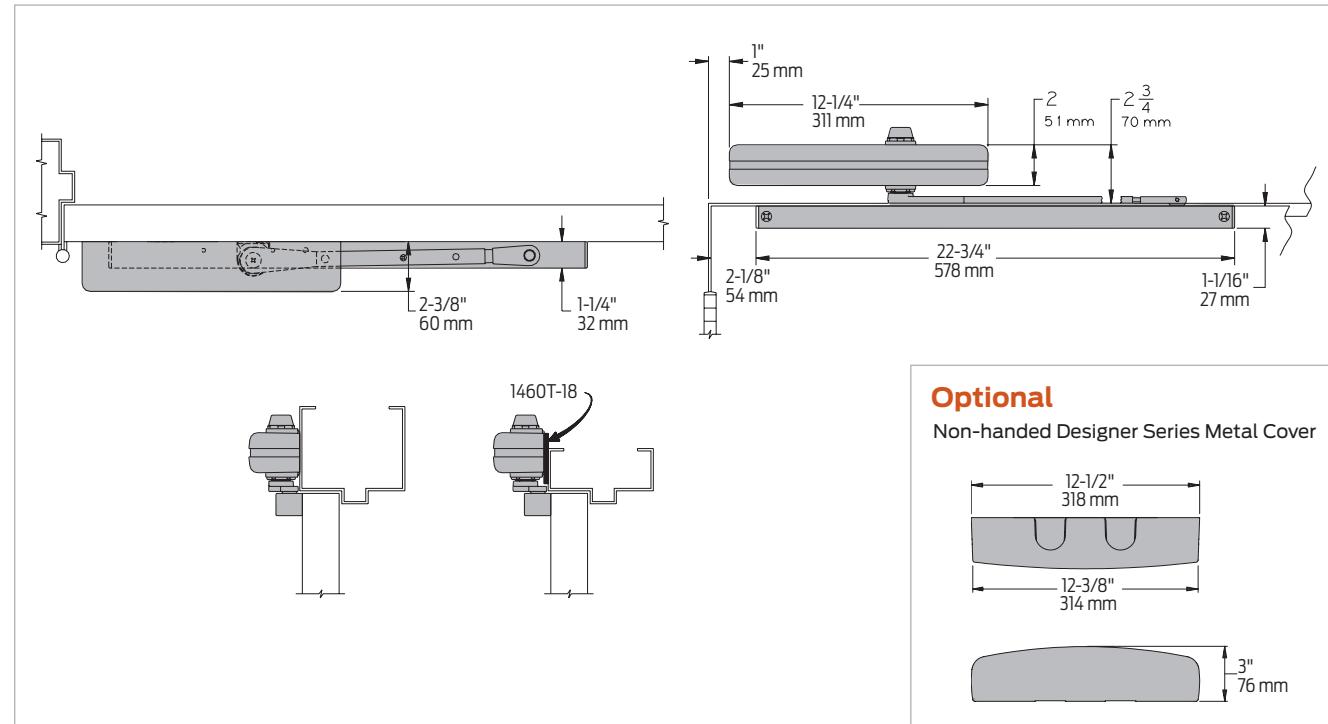
Top jamb (pull side) mounting



Butt hinges	Should not exceed 5" (127 mm) in width
Auxiliary stop	<ul style="list-style-type: none"> Recommended where a door cannot swing 180° Track bumper assembly assists backcheck in cushioning the opening swing of the door. <p>It is not intended to replace an auxiliary stop</p>
Reveal	Should not exceed 1/8" (3 mm)
Top rail	Minimum 1 1/4" (32 mm)
Head frame	<ul style="list-style-type: none"> Less than 2 3/4" (70 mm) requires plate, 1460T-18 Plate requires 1 3/4" (44 mm) minimum With Full Plastic Cover, use plate, 1460T-18FC With Designer Series Metal Cover, use plate, 1460T-18DS
Clearance	1 1/4" (32 mm) behind door for installations
Maximum opening	<ul style="list-style-type: none"> Templating allows up to 180° limited to 115° when optional bumper is installed Hold open ramp and roller design allows for variable angles Please note that many track style door closers are capable of allowing 180° of door swing Be aware that the majority of track style closers are at their weakest closing force in the 180° – 130° range Consult factory for applications where door must swing 180°

Mounting details

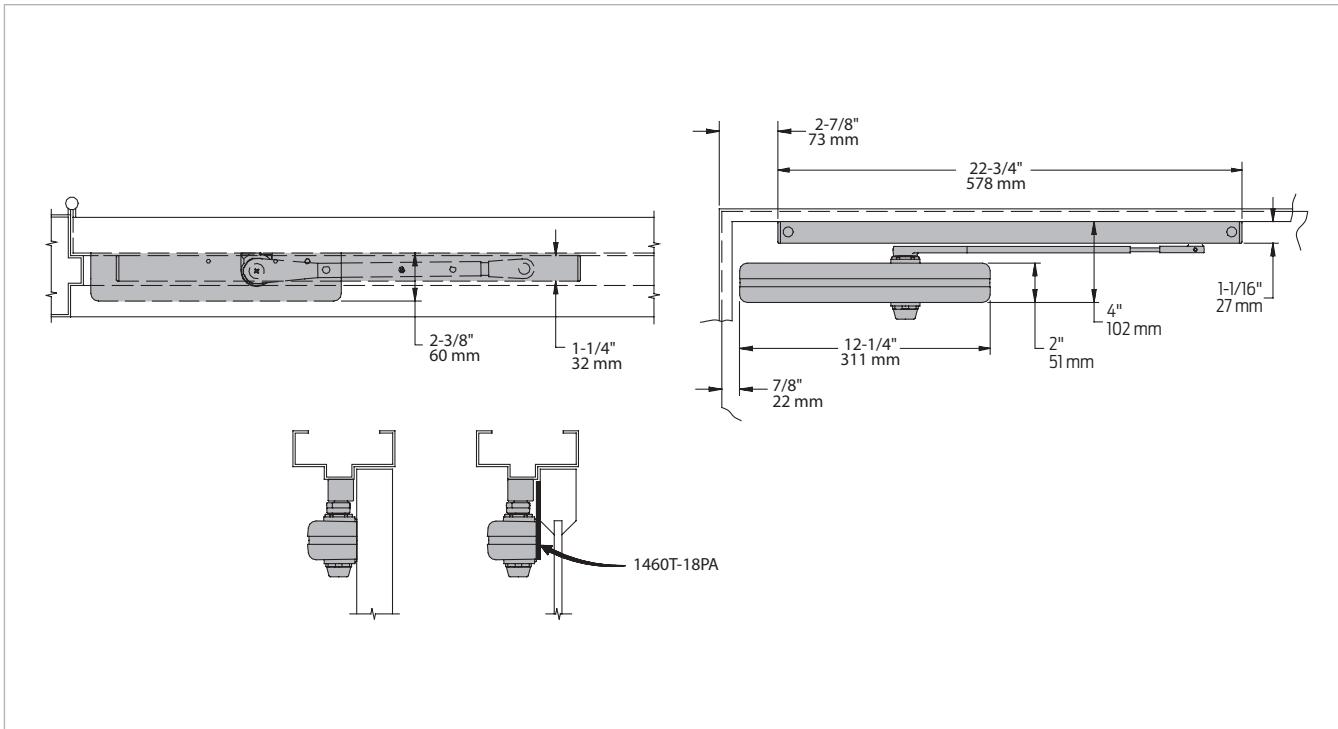
Top jamb (pull side) mounting



Butt hinges	Should not exceed 5" (127 mm) in width
Auxiliary stop	<ul style="list-style-type: none"> Recommended where a door cannot swing 180° Track bumper assembly assists backcheck in cushioning the opening swing of the door. <p>It is not intended to replace an auxiliary stop</p>
Reveal	Should not exceed 1/8" (3 mm)
Top rail	Minimum 1 1/4" (32 mm)
Head frame	<ul style="list-style-type: none"> Less than 2 3/4" (70 mm) requires plate, 1460T-18 Plate requires 1 3/4" (44 mm) minimum With Full Plastic Cover, use plate, 1460T-18FC With Designer Series Metal Cover, use plate, 1460T-18DS
Clearance	1 1/4" (32 mm) behind door for installations
Maximum opening	<ul style="list-style-type: none"> Templating allows up to 180° limited to 115° when optional bumper is installed Hold open ramp and roller design allows for variable angles Please note that many track style door closers are capable of allowing 180° of door swing Be aware that the majority of track style closers are at their weakest closing force in the 180° – 130° range Consult factory for applications where door must swing 180°

Mounting details

Stop face (push side) mounting



Butt hinges	Should not exceed 5" (127 mm) in width
Auxiliary stop	<ul style="list-style-type: none"> Recommended where a door cannot swing 110° Track bumper assembly assists backcheck in cushioning the opening swing of the door. It is not intended to replace an auxiliary stop
Top rail	<ul style="list-style-type: none"> Less than 4" (102 mm) measured from the stop face requires plate, 1460T-18PA. Plate requires 1 1/2" (38 mm) minimum With Full Plastic Cover, use plate, 1460T-18PAFC With Designer Series Metal Cover, use plate, 1460T-18PADS
Clearance	1460T projects 2 3/8" (60 mm) from door face
Stop width	Minimum 1 1/4" (32 mm)
Maximum opening	<ul style="list-style-type: none"> Templating allows 110°, limited to 100° when optional bumper is installed Variable hold open angles with infinite options

1460T Series

Accessories

Cylinders



1460(1)T-3071
Cast iron cylinder assembly (CYL)

- Non-handed
- 1461T adjustable 1-2
- 1460T adjustable 2-4
- Standard

Covers



1460T-72
Slim Line Plastic Cover (SLIMPC)

- Non-handed
- Standard



1460T-72FC
Full Plastic Cover (FPC)

- Non-handed
- Optional



1460T-72DS
Designer Series Metal Cover (DS)

- Non-handed
- Required for plating option and custom powder coat finishes
- Optional

Arm



1460T-3077T
Single Arm (STDTRKARM)

- Non-handed
- Mounts hinge side, top jamb, or stop face
- Track roller not included with arm

Tracks



1460T-3038
Standard Track (STDTRK)

- Non-handed
- Non hold open
- Mounts on either side of the door
- Will accept hold open clip and/or bumper assembly
- Standard



1460T-3038B
Track with Bumper (BUMP)

- Non-handed
- Non hold open
- Mounts on either side of the door
- Will accept hold open clip
- Optional



1460T-3038H
Hold Open Track (H)

- Non-handed
- Hold open
- Mounts on either side of the door
- Will accept bumper assembly
- Optional



1460T-3038HB
Hold Open Track with Bumper (HBMP)

- Non-handed
- Hold open
- Mounts on either side of the door
- Optional

1460T Series**Accessories****Installation accessories****1460T-18****Plate**

- Required for hinge side mount where top rail is less than $2\frac{1}{2}$ " (64 mm)
- Required for top jamb mount when head frame is less than $2\frac{3}{4}$ " (70 mm)
- Requires minimum $1\frac{1}{2}$ " (38 mm) top rail or $1\frac{3}{4}$ " (44 mm) head frame minimum

**1460T-18DS****Plate**

- Required for hinge side mount where top rail is less than $2\frac{1}{2}$ " (64 mm)
- Required for top jamb mount when head frame is less than $2\frac{3}{4}$ " (70 mm)
- Requires minimum $1\frac{1}{2}$ " (38 mm) top rail or $1\frac{3}{4}$ " (44 mm) head frame minimum
- For use with Designer Series Metal Cover

**1460T-18FC****Plate**

- Required for hinge side mount where top rail is less than $2\frac{1}{2}$ " (64 mm)
- Required for top jamb mount when head frame is less than $2\frac{3}{4}$ " (70 mm)
- Requires minimum $1\frac{1}{2}$ " (38 mm) top rail or $1\frac{3}{4}$ " (44 mm) head frame minimum
- For use with Full Cover

**1460T-18PA****Plate**

- Required for stop face mounting where top rail is less than 4" (102 mm), measured from the stop
- Requires $1\frac{1}{2}$ " (38 mm) minimum top rail

**1460T-18PADS****Plate**

- Required for stop face mounting where top rail is less than 4" (102 mm), measured from the stop
- Requires $1\frac{1}{2}$ " (38 mm) minimum top rail
- For use with Designer Series Metal Cover

**1460T-18PAFC****Plate**

- Required for stop face mounting where top rail is less than 4" (102 mm), measured from the stop
- Requires $1\frac{1}{2}$ " (38 mm) minimum top rail
- For use with Full Cover

**1460T-30A****Mounting bracket**

- Used when installing cylinder body
- Included with cylinder when ordered

**1460T-169****Track bumper**

- Mounts in track to assist backcheck, does not replace auxiliary stop
- Limits maximum opening
- Consists of bumper, bumper post, and mounting screw

**1460T-3054****Hold open clip**

- Mounts in track to provide hold open function
- Hold open point controlled by clip location

**1460T-3034****Track roller**

- Quiet, low friction roller assembly
- Shoulder dimension "X" = $\frac{1}{8}$ " (3 mm)

**1460T-3034H****Hold open track roller**

- Hold open roller
- Quiet, low friction roller assembly
- Shoulder dimension "X" = $\frac{1}{8}$ " (3 mm)
- Spring-loaded hold open mechanism

1460T Series

Ordering information

How-to-order 1460T Series closers

1. Select cylinder size

1461T (adjustable from size 1 to 2)
 1460T (adjustable from size 2 to 4)

2. Select finish

Standard powder coat _____
 Aluminum (689), Dark Bronze (695),
 Statuary Bronze (690), Light Bronze
 (691), Black (693), Brass (696).

Closer options

Cover

Full Plastic Cover (FPC)
 Designer Series Metal Cover (DS)

Finish

Custom powder coat (RAL) _____
 (DS cover required)
 Plated finish, _____ (DS cover required)
 SRI primer (use with powder coat finishes only)

Track

Track with Bumper (BUMP)
 Hold Open Track (H)
 Hold Open Track with Bumper (HBMP)

Optional screw packs

Through Bolt¹ Self Reaming And Tapping
 Screws (TBSRT)

Table of sizes

- Select closer based on width of door. The spring power of a 1460T cylinder is adjustable from size 2 to size 4 and is shipped adjusted to size 3
- The closing power of 1460T series cylinders may be increased 50%
- The spring power of a 1461T cylinder is adjustable from size 1 to size 2 and is shipped adjusted to size 1

Interior door width

	26"	34"	38"	48"
	660mm	864mm	965mm	1219mm
1460T*	size 2	size 3	size 4	

Minimum door width

→ Indicates recommended range of door width for closer size.
 *Adjustable Size 2 thru 4

Interior door width

	26"	34"
	660mm	864mm
1461T*	size 2	

Minimum door width

→ Indicates recommended range of door width for closer size.
 *Adjustable Size 1 thru 2

Closer will be shipped with:

- Standard cover
- Standard arm
- Standard track
- Track roller
- Self reaming and tapping machine screws

(unless options listed below are selected)

Wood and Machine Screws (WMS)
 Through Bolt¹ Wood and Machine Screws (TBWMS)
 Torx Machine Screws (TORX)
 Through Bolt¹ and Torx Machine Screws (TBTRX)

Installation accessories

Plate, 1460T-18
 Plate, 1460T-18DS1
 Plate, 1460T-18FC
 Plate, 1460T-18PA
 Plate, 1460T-18PADS1
 Plate, 1460T-18PAFC

Special template

ST- _____

1. Specify door thickness if other than 1 3/4".

Reduced opening force 1460T Series closers

CAUTION! Any manual door closer, including those certified by BHMA to conform to ANSI Standard A156.4, that is selected, installed and adjusted based on ADA or other reduced opening force requirements may not provide sufficient power to reliably close and latch a door.

Refer to Automatic Operators catalog for information on systems that meet reduced opening force requirements without effecting closing power.

Door width	36"	42"	48"
	8.5* lbs.	N/A	N/A
	5.0* lbs.	1461T	1461T

* Maximum opening force.