



Multi-feature closers with compact design,
ideal for application on interior doors

1700 SERIES

DOOR CLOSER

CATALOG

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ASSA ABLOY

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INTRODUCTION

Norton 1700 Series Door Closers offer a compact design that is ideal for interior door applications. This narrow-style closer has distinctive lines that harmonize with most decors. The 1700 Series offers an economical alternative for those installations where a more heavy-duty closer is not necessary.



STANDARD FEATURES

- » Tri-Style® packaging: closer tri-packed for regular arm, top jamb or parallel arm installation
- » Non-handed
- » Size 3 or 4 depending on installation
- » Aluminum alloy shell
- » Rack & pinion operation
- » Adjustable closing speed
- » Adjustable latch speed
- » Adjustable backcheck cushioning: independent regulating valve
- » Non-hold open
- » Slim line cover
- » Auxiliary stop required (by others)
- » Interior doors

OPTIONAL FEATURES

- » Hold open

CERTIFICATIONS

- » ANSI/BHMA A156.4 Grade 3 certified 
- » UL / cUL listed for use on fire rated doors 
- » UL10C listed for positive pressure fire test

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LIGHT COMMERCIAL DOOR CLOSER

EXPLANATION OF FEATURES**Door Plates**

For narrow top rails, narrow frame faces, and top jamb hold open installations. Specify finish when ordering separately.

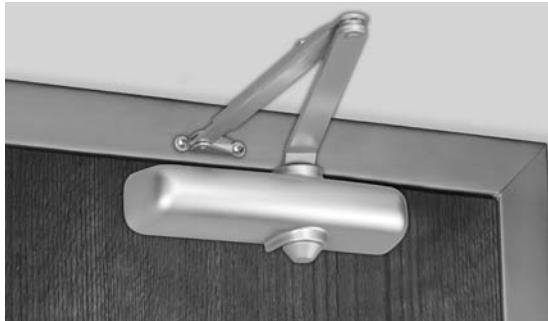
Molded Slim Line Cover

Molded of high-impact U.L. Listed material, cover encloses closer body and mounting screws.

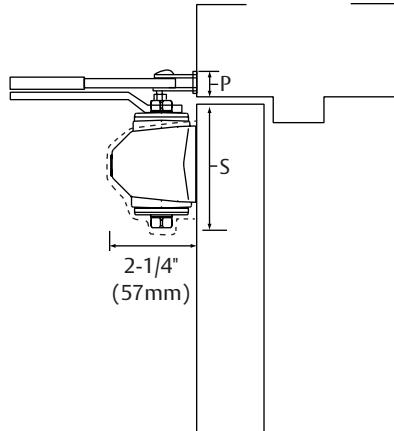
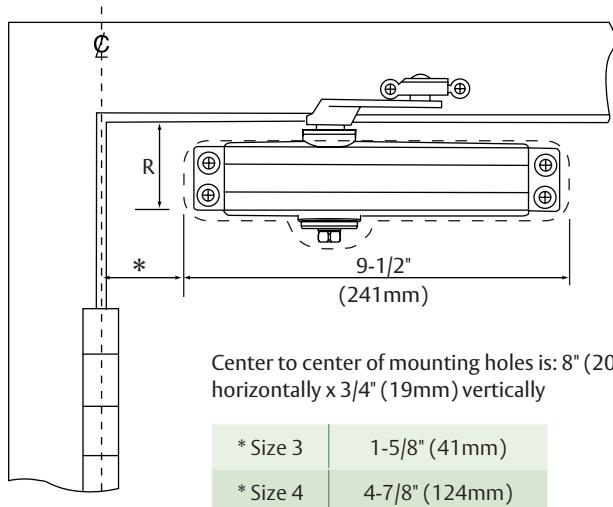
SPECIFICATIONS

Closers for interior doors shall be full rack-and-pinion type with cast aluminum alloy shell. Closer shall be non-handed to permit installation on either hand of door. Closer to be supplied with brackets to allow regular arm, parallel arm or top jamb mounting. Closer to have noncritical valves to independently regulate sweep speed (and) latch speed (and backcheck cushioning.) (Closer shall be enclosed in a molded slim line cover.) Closer to be Norton 1700 Series.

REGULAR ARM INSTALLATION



Closer mounts on door;
Arm bracket on frame face.



R Minimum Top Rail				S Minimum Top Rail Clearance		P Minimum Ceiling Clearance Without Drop Plate	
Without Drop Plate		With N1756 Drop Plate		Non-Hold Open	Hold Open	Non-Hold Open	Hold Open
Non-Hold Open	Hold Open	Non-Hold Open	Hold Open	Non-Hold Open	Hold Open	Non-Hold Open	Hold Open
2" (51mm)		1-1/4" (32mm)		2-3/4" (70mm)		1" (25mm)	1-3/8" (35mm)

Maximum door swing = 180°

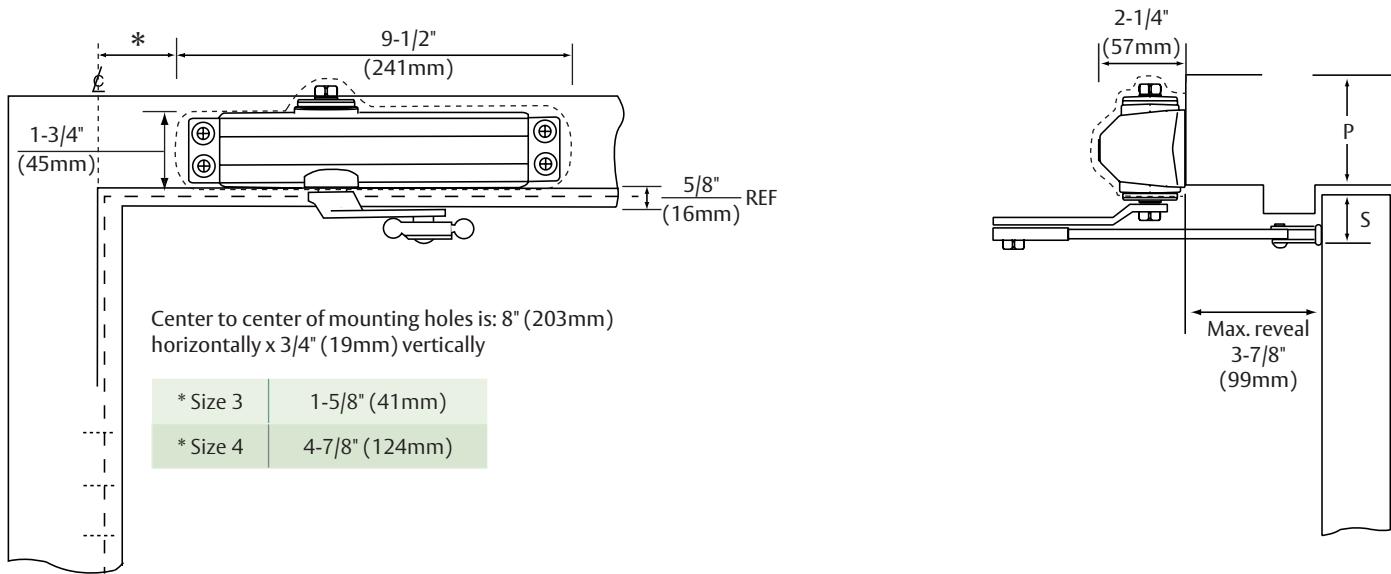
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TOP JAMB INSTALLATION



Closer mounts on push side of frame;
arm shoe mounts to door.



S Minimum Top Rail 5/8" (16mm) Frame Stop			P Minimum Ceiling Clearance			
Without Drop Plate	With N1757 Drop Plate		Without Drop Plate		With N1757 Drop Plate	
Non-Hold Open	Non-Hold Open	Hold Open	Non-Hold Open	Hold Open	Non-Hold Open	Hold Open
1-5/16" (33mm)	2-1/4" (57mm)	2-5/8" (67mm)	2-1/2" (64mm)	Required*	1-3/4" (44mm)	

*Hold open (top jamb) application requires use of N1757 drop plate

Maximum door swing

Size 3 : 180°; reveals 0" to 3"

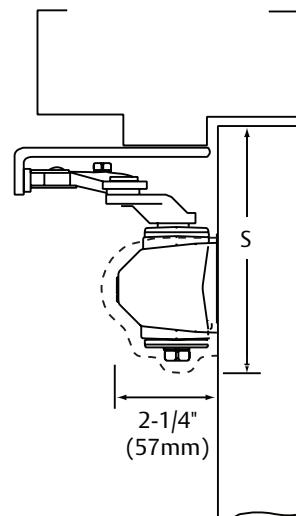
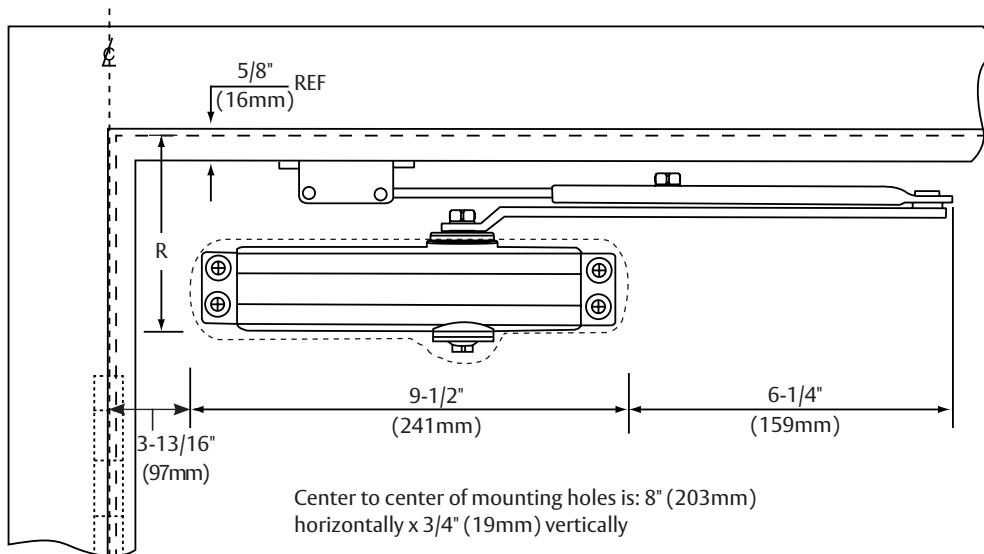
: 160°; reveals 3" to 3-7/8"

Size 4 : 140°; reveals 0" to 3-7/8"

PARALLEL ARM INSTALLATION



Closer Mounts on Door;
Bracket on frame soffit.



R Minimum Top Rail 5/8" (16mm) Frame Stop		With N1758 Drop Plate		S Minimum Top Rail Clearance	
Without Drop Plate		With N1758 Drop Plate		Non-Hold Open	
Non-Hold Open	Hold Open	Non-Hold Open	Hold Open	Non-Hold Open	Hold Open
4-1/2" (114mm)		2-7/8" (73mm)		5" (127mm)	

Maximum door swing = 180°

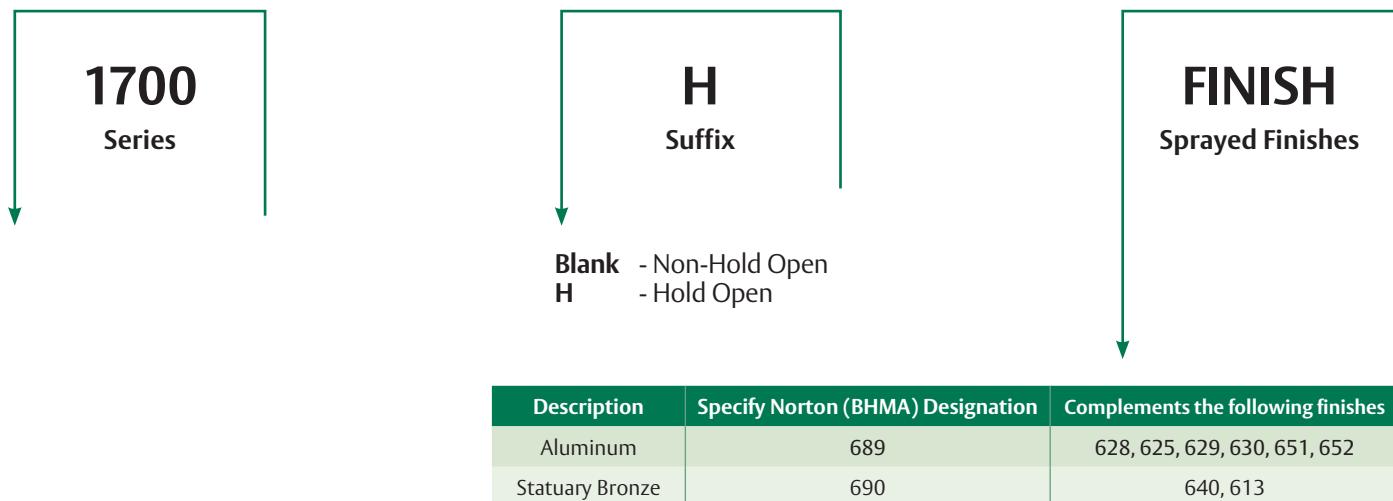
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ACCESSORIES

Part Number	Description
N1756	Drop Plate (Regular Arm)
N1757	Drop Plate (Top Jamb)
N1758	Drop Plate (Parallel Arm)

HOW TO ORDER



NOTES:

- » Door closer warranty becomes void if the closer is installed on the exterior side of a door in the exterior wall of a building.
- » It is strongly recommended, and may be required on fire door assemblies, that doors having a door closer be hung on ball-bearing or anti-friction hinges or pivots. Consult local authority having jurisdiction.
- » Failure to use fasteners supplied with closer may void factory warranty.
- » Fasteners for fire/smoke door assemblies must conform to NFPA 80. In some applications additional fasteners may be mandated by NFPA 80 that are not shipped with standard Norton product, such as sleeve-nuts/sex-nuts or thru bolts and grommet nuts.
- » Information provided is based on 1-3/4" (44mm) x 7' (2.13m) standard weight doors swinging to 110°. Other conditions (such as door height or weight; or wind/draft conditions) may require adjustment of spring setting, selection of a larger size closer or different closer.

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Door Security Solutions Canada | www.assaabloy.ca
160 Four Valley Drive | Vaughan, ON L4K 4T9 | 800.461.3007