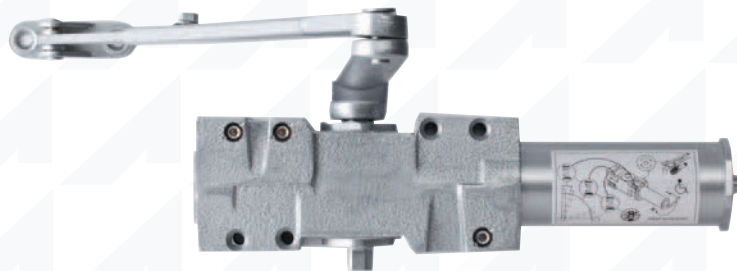




**ASSA ABLOY**

Experience a safer  
and more open world



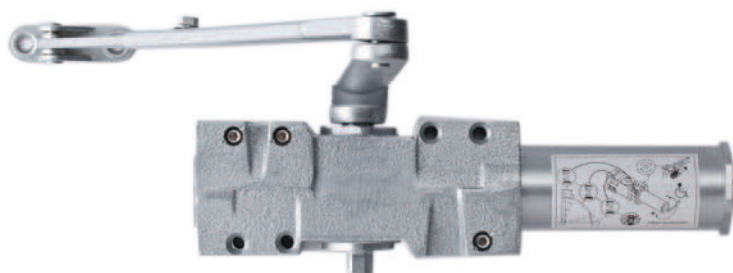
# DCN500 Series Door Closers



## Features:

- Heavy duty cast iron body.
- Hardened steel rack and pinion.
- High tensile steel springs.
- Staked valves
- Two non-critical adjusting valves (sweep and latch) control closing speed.
- Backcheck intensity valve.
- All temperature fluid.
- Full plastic cover standard.
- Non-handed for regular, top jamb and parallel arm mount applications.
- Hold open arm available on adjustable closers.
- Supplied with fully threaded self-reaming/tapping screws, sleeve nuts and thru-bolts for 1-3/4" thick doors.
- DCN516-1 Series door closers are supplied with a hold open arm.
- DCN516-2 has a heavy duty parallel arm with a stop feature for door openings between 90° and 110°.
- DCN516-3 has a heavy duty parallel arm with a stop and thumb turnhold open feature for door openings between 90° and 110°.
- Packaging: three boxes per carton.
- 10 year limited warranty.

The Arrow DCN500 Series Heavy Duty Surface Applied Door Closers are ideal for Institutions or other high traffic applications. The DCN500 is designed for end users looking for value and versatility in a rugged design making this series suitable for a wide variety of applications.



## Certification & Compliance:



Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.

- UL/cUL listed.
- UL10C listed for positive pressure
- Meets requirements of ANSI/BHMA 156.4 Grade 1
- Meets ADA requirements (Americans with disabilities Act).
- ANSI ICC A117.1

## Finishes:

Arrow Code	Finish Description	
689	Aluminum	
690	Dark Bronze	
693	Black	



**WARNING**  
This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov).

# DCN500 Series Door Closers

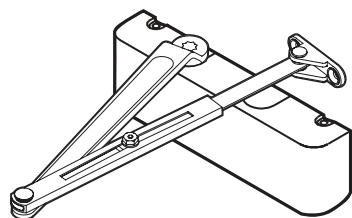
## Sizes (Adjustable):

- DCN516 closers are adjustable for spring sizes 1 through 6.

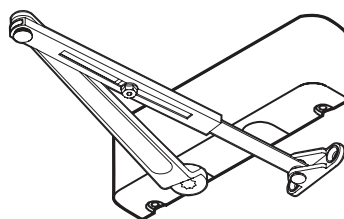
INTERIOR DOOR WIDTH	24" (610mm)	30" (762mm)	34" (865mm)	38" (965mm)	48" (1219mm)	54" (1372mm)	60" (1524mm)
Regular Arm & Top Jamb	Size 1	Size 2	Size 3	Size 4	Size 5	Size 6	
Parallel Arm	Size 2	Size 3	Size 4	Size 5	Size 6		
EXTERIOR (& VESTIBULE) DOOR WIDTH	24" (610mm)	30" (762mm)	36" (914mm)	42" (1067mm)	48" (1219mm)		
Regular Arm & Top Jamb	Size 3	Size 4	Size 5	Size 6			
Parallel Arm	Size 4	Size 5	Size 6	Size 3			

## Design:

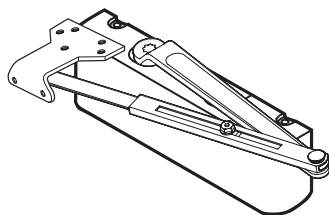
Regular Arm Installation



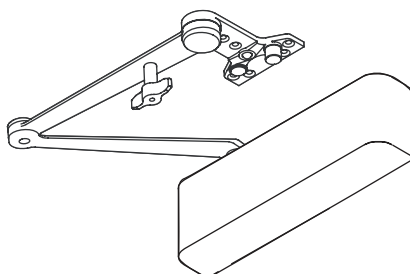
Top Jamb Installation



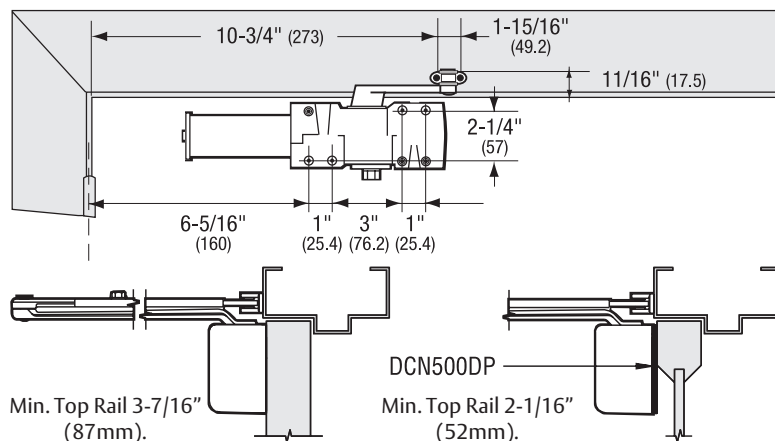
Parallel Arm Installation



Heavy Duty Parallel Arm Installation

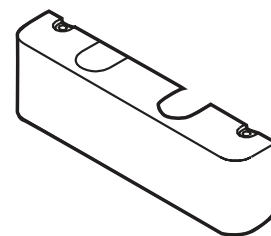


## Regular Arm Installation

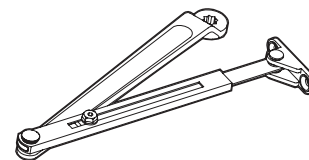


## Parts:

Cover with Screw Pack  
 • DCN500COV

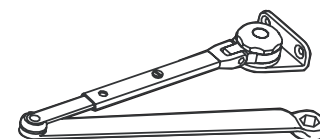


Non-Hold Open Arm (Standard with)  
 • DCN516



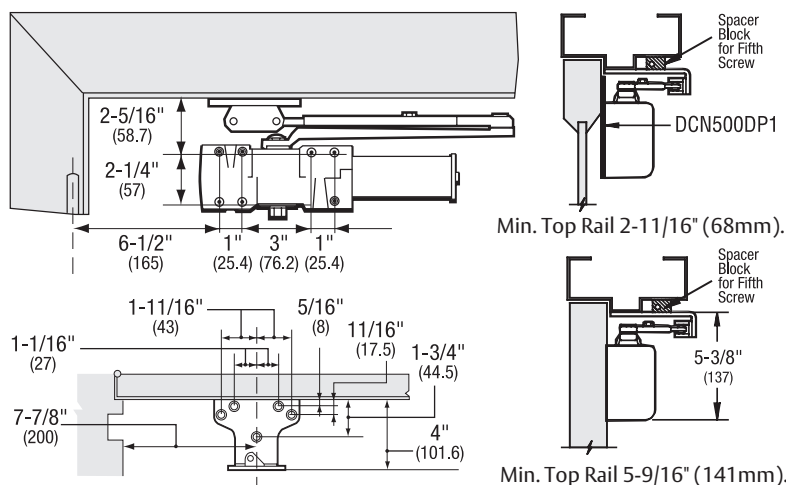
(To order separately)  
 • DCN500A

Hold Open Arm (Standard with)  
 • DCN516-1



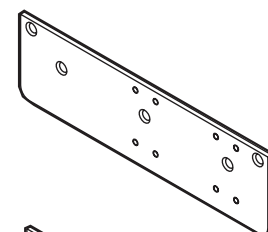
(To order separately)  
 • DCN500A1

## Parallel Arm Installation (180° maximum door swing template illustrated)

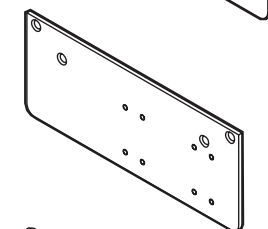


## Drop Plates:

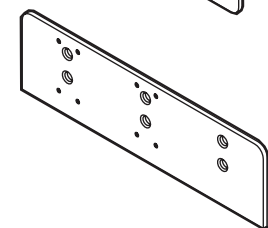
Regular Arm Application  
 • DCN500DP



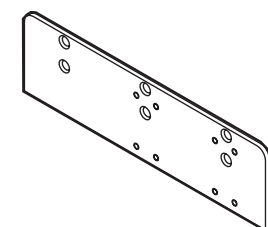
Parallel Arm Application  
 • DCN500DP1



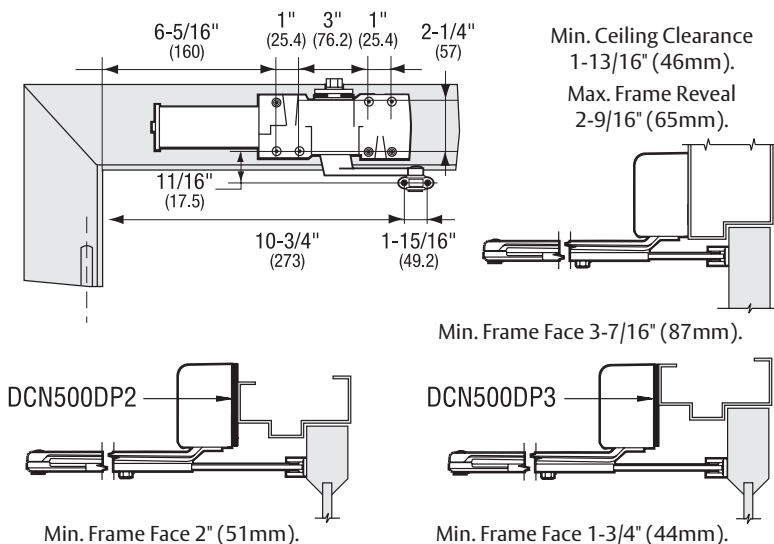
Top Jamb Application  
 • DCN500DP2



Top Jamb Low Ceiling Application  
 • DCN500DP3

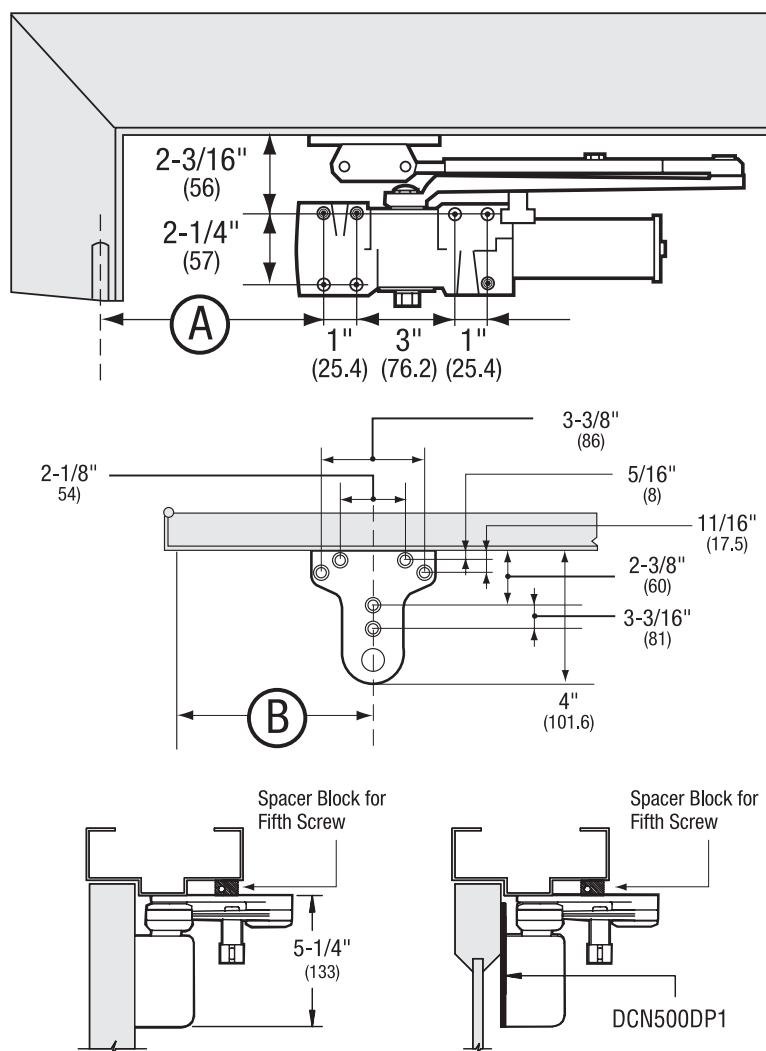


## Top Jamb Installation



## Heavy Duty Parallel Arm with a choice:

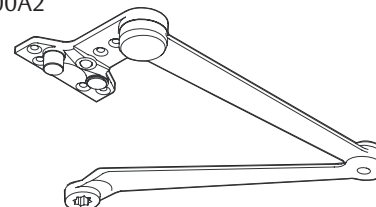
- DCN516-2 - Non-Hold Open Arm with Stop Feature
- DCN516-3 - thumbturn Hold Open Arm with Stop Feature
- Door Closer can be installed to stop door at:  
85°, 90°, 100° or 110° of door swing.



## Parts:

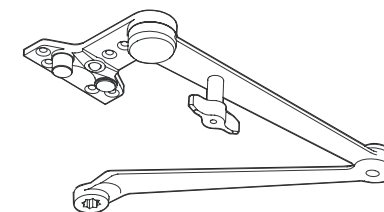
- Heavy Duty Parallel Arm  
Non-Hold Open with Stop Feature  
(Standard with)
- DCN516-2

- (To order separately)
- DCN500A2

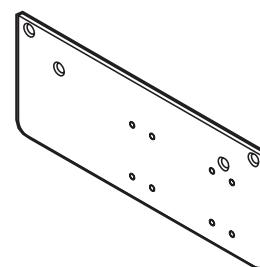


- Heavy Duty Parallel Arm with Thumbturn  
Non-Hold Open with Stop Feature (Standard with)
- DCN516-3

- (To order separately)
- DCN500A3



- Drop Plate
- DCN500DP1



"A" Dimension	9-1/2" (241)	8-3/4" (222)	7-5/8" (194)	6-5/8" (168)
"B" Dimension	11-1/8" (283)	10-1/2" (267)	9-1/4" (235)	8-3/8" (213)
Degree of Stop	85°	90°	100°	110°

# DCN500 Series Door Closers



**ASSA ABLOY**

## Ordering Example:

Quantity	Part Number	Finish
20	DCN516-3	689

## Complete Units:

Series	Description	Size
DCN516	Non-Hold Open Arm with PA Bracket, Full Plastic Cover, Screw Pack, 1-3/4" Thru-bolts	1-6
DCN516-1	Hold Open Arm with PA Bracket, Full Plastic Cover, Screw Pack, 1-3/4" Thru-bolts	1-6
DCN516-2	Heavy-Duty Dead Stop NHO, Full Plastic Cover, Screw Pack, 1-3/4" Thru-bolts	1-6
DCN516-3	Heavy-Duty Dead Stop HO, Full Plastic Cover, Screw Pack, 1-3/4" Thru-bolts	1-6

## Parts & Accessories:

Series	Description	Size
DCN500CV	Full Plastic Cover	1-6
DCN500DP	Drop Plate - Regular	1-6
DCN500DP1	Drop Plate - Parallel Arm	1-6
DCN500DP2	Drop Plate - Top Jamb	1-6
DCN500DP3	Drop Plate - Top Jamb, Flush Ceiling	1-6
DCNTB1	Thru-bolts 1-3/4"	1-6
DCNTB2	Thru-bolts 2-1/4"	1-6
DCN500SP	Standard Screw Pack	1-6
DCN500A	Standard Non-Hold Open Arm	1-6
DCN500A1	Standard Hold Open Arm	1-6
DCN500A2	Heavy-Duty Dead Stop Arm Non-Hold Open	1-6
DCN500A3	Heavy-Duty Dead Stop Arm Hold Open	1-6
DCN500A4	Heavy-Duty Non-Hold Open Cushion Arm Kit	1-6
DCN500A5	Heavy-Duty Hold Open Cushion Arm Kit	1-6

### NOTE:

Specify Finish when placing order: 689, 690, 693

# DCN500 Series Door Closers

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**ASSA ABLOY**



The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, mechanical and smart locks, access control and service.



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