

P50 Series

Overhead Stop/Hold Open

Heavy duty | Concealed mount



Description

The P50 Series concealed mount overhead stop/Hold open is designed and tested in accordance with ANSI/BHMA A156.8, meeting Grade 1 requirements and exceeding 250,000 cycles for heavy-duty performance and long-term reliability. The concealed design ensures a clean, unobtrusive appearance while maintaining robust functionality.

Engineered to deliver effective door control with a positive stop function, the P50 Series prevents over-opening and provides reliable stopping action, protecting doors, frames, hinges, and door closers from damage caused by heavy traffic or abuse.

An integrated hold-open function allowing the door to be held securely at a desired open position when required, and prevent uncontrolled door movement caused by wind or pressure changes.

Compatible with a wide range of door and frame configurations with different hinges, it is suitable for both wood and metal doors. The unit is field adjustable to accommodate door opening angles from 90° to 110°, and is available in multiple channel sizes to suit various door widths.

Ideal for high-traffic commercial environments such as offices, healthcare facilities, and educational buildings, the P50 Series ensures dependable performance even under demanding conditions.

Features & Advantages

- Works in conjunction with floor door stoppers for improved door control and protection at the top
- Positive dead stop at selected opening angle to prevent over-travel and damage
- Spring cushions the door before it reaches full open stop
- Hold-open function helps secure the door in an open position and reduces unintended movement caused by wind or air pressure
- Stainless steel channel & arm for strength and corrosion resistance
- All-metal construction as standard, suitable for fire-rated doors
- Suitable for high-traffic and heavy-duty commercial applications
- Protects door, frame, hinges, and door closer from impact damage
- Adjustable for different door opening angles and installation conditions
- Compatible with a wide range of door width and hinge systems

Certification & Compliance

	Certified with ANSI/BHMA A156.8 Grade 1 function and strength. Tested over 250,000 cycles.
	ANSI/UL 10B, Fire Tests of Door Assemblies. ANSI/UL 10C, Positive Pressure Fire Tests of Door Assemblies. CAN/ULC-S104, Standard Method for Fire Tests of Door Assemblies.

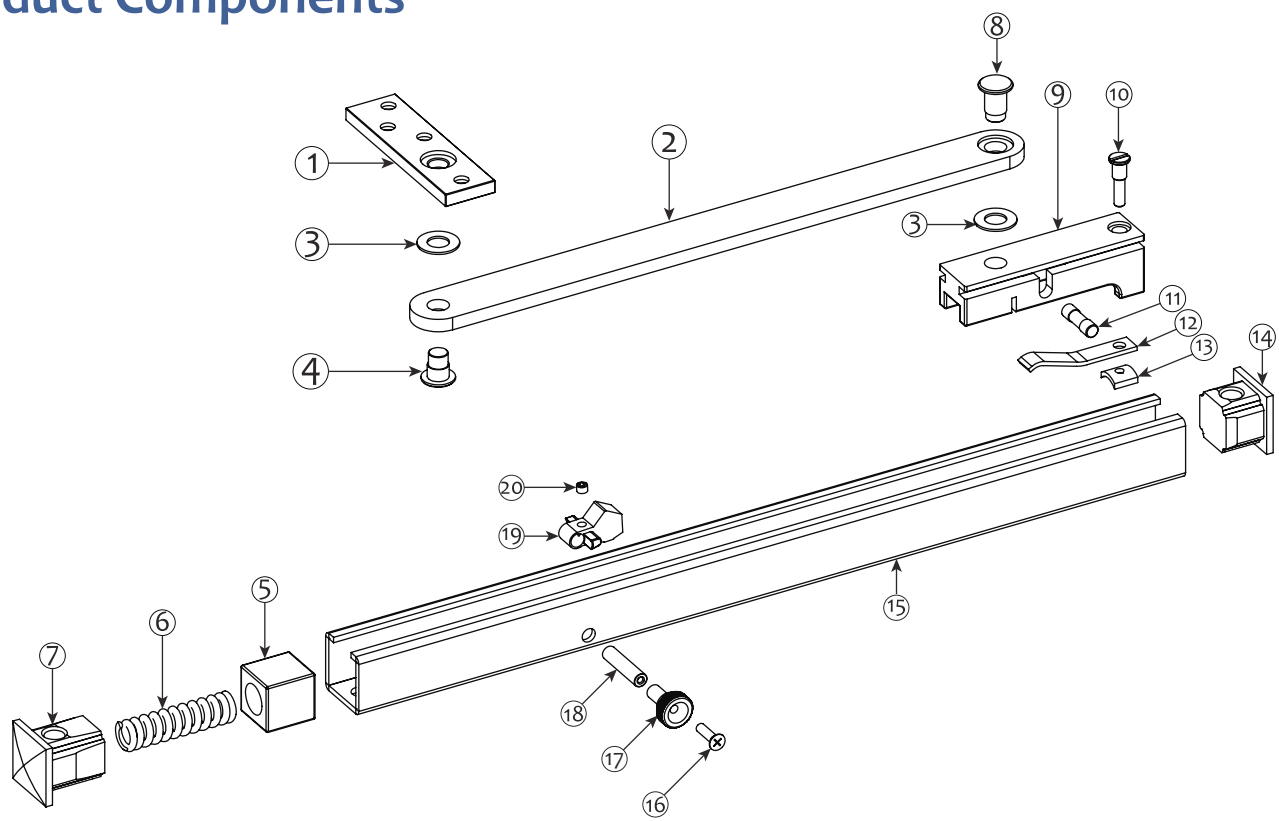
Specifications

ANSI no.	C01511
Type	Heavy duty
Installation	Concealed
Function	Stop/Hold open
Door type	Interior/exterior, single/double acting
Door thickness	Min. 1-3/4" (44mm)
Door width	24"~50" (610~1270mm)
Handing	Non-handed
Door opening	90°~110°
Channel	C-shaped SS304 channel, 1-1/8" (29.4mm) section, thickness 1/8" (2.7mm)
Arm	SS304, thickness 3/16" (5mm)
Jamb bracket	SS304, thickness 1/4" (6.35mm)
Cam slider	SS303 cast
Shock block	Galvanized AISI1045
End caps	ZAMAK 5 Zinc alloy
Finishes	US32D

Channel Length Options

Model No.	Channel Length	Function	ANSI No.
P501	16-11/16"	Stop/Hold open	C01511
P502	17-15/16"		
P503	19-7/16"		
P504	21-9/16"		
P505	23-1/16"		

Product Components



No.	Description	No.	Description
1	Jamb bracket	11	Stopping pin
2	Arm	12	Hold open spring
3	Washer	13	Adjusting nut
4	Revit pin A	14	End cap B
5	Shock block	15	Channel
6	Spring	16	PH screw
7	End cap A	17	Release knob
8	Revit pin B	18	Sleeve
9	Cam slider	19	Hold open block
10	Adjusting screw	20	Set screw

Typical door types for installation

