

P80 Series

Overhead Stop/Hold Open

Medium duty | Surface mount



Description

The P80 Series surface mount overhead stop is designed and tested in accordance with ANSI/BHMA A156.8, meeting Grade 1 requirements and exceeding 250,000 cycles for medium-duty performance and long-term reliability. Surface-mounted design allows easy installation with no mortising required for the channel.

Engineered to deliver effective door control with a positive stop function, the P80 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 installation is 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 P80 Series ensures dependable performance even under demanding conditions.

Features & Advantages

- Works in conjunction with floor door stoppers for improved door control and protection on 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 and arm for strength and corrosion resistance
- All-metal construction as standard, suitable for fire-rated doors
- Suitable for high-traffic and medium-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 types 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.

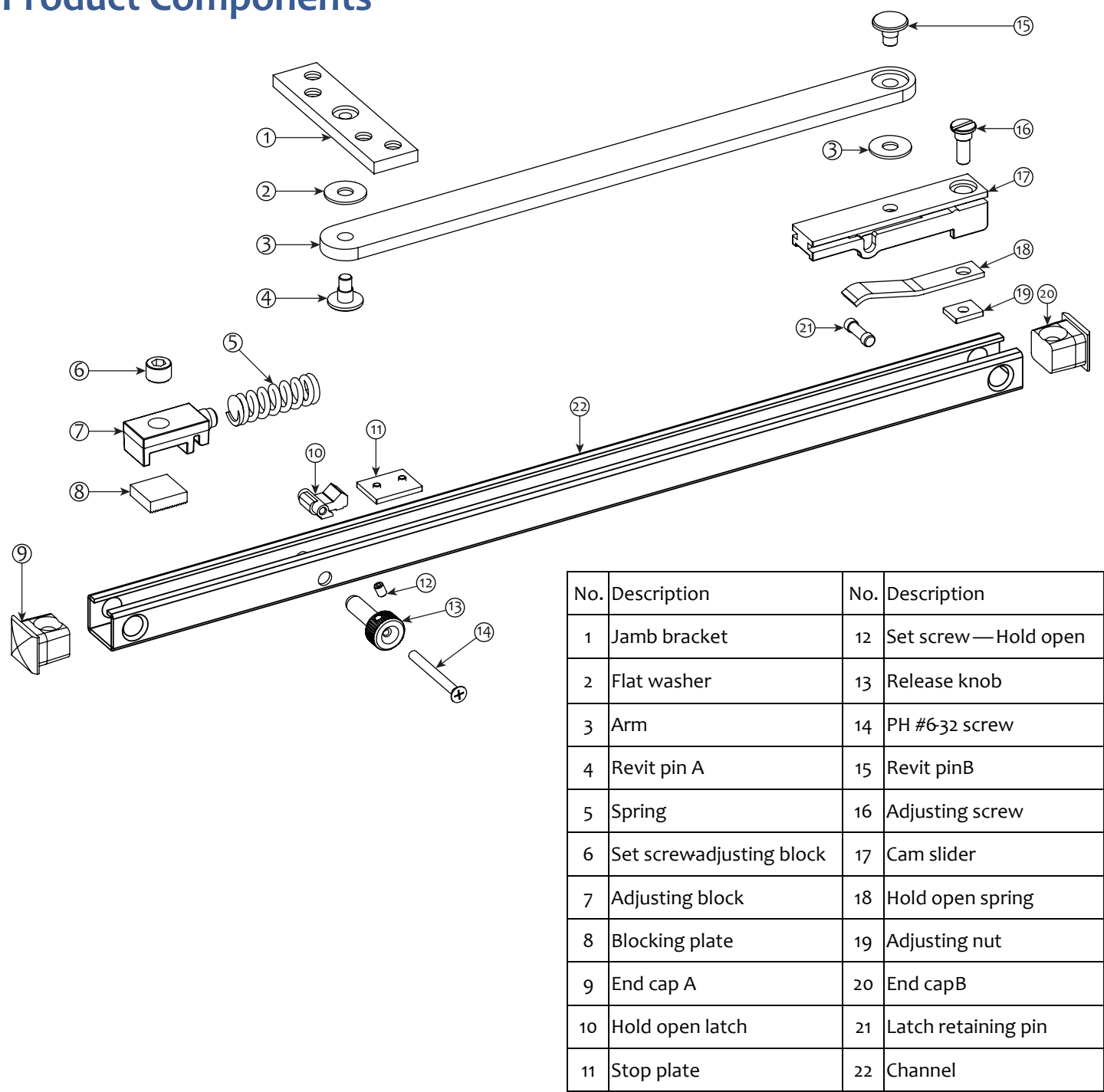
Specifications

ANSI no.	C05511
Type	Medium duty
Installation	Surface mount
Function	Stop/Hold open
Door type	Interior/exterior, single acting
Door thickness	Min. 1-3/4" (44mm)
Door width	18"~48" (457~1219mm)
Handing	Non-handed
Door opening	90°~110°
Channel	C-shaped SS304 channel, 3/4" (19mm) section, thickness 1/16" (1.5mm)
Arm	SS304, thickness 1/4" (5mm)
Jamb bracket	SS304, thickness 1/4" (5mm)
Cam slider	SS303 cast
Adjusting block	SS303 cast
Hold open latch	AISI4140, galvanized
End caps	ZAMAK 5 Zinc alloy
Finishes	Channel & Arm US32D

Channel Length Options

Model No.	Channel Length	Function	ANSI No.
P801	16-11/16"	Stop/Hold open	C05511
P802	17-15/16"		
P803	19-7/16"		
P804	21-9/16"		
P805	23-1/16"		

Product Components



Typical door types for installation

