SARGENT®

ASSA ABLOY

Auxiliary Locks

Experience a safer
and more open world

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Auxiliary Locks

MicroShield®

As part of their promise to provide innovative solutions to their customers, certain ASSA ABLOY Group brands offer the MicroShield® technology, a silver-based antimicrobial coating designed to inhibit the growth of bacteria.
Microshield® is a registered trademark of ASSA ABLOY Access and Egress Hardware Group, Inc.

MicroShield® Coating

- Revolutionary finish coating available on all SARGENT product lines, utilizes a silver-based antimicrobial compound from Agion Technologies

- As an integral part of the finish coating, MicroShield® lasts for the life of the hardware

- MicroShield® coating permanently suppresses the growth of bacteria, algae, fungus, mold and mildew. It is effective against a broad spectrum of bacteria.

- Non-toxic and completely safe. The Agion antimicrobial compound is EPA and NSF approved and FDA listed for use in medical and food preparation equipment.

- Applications: Anywhere there is need for a clean environment (hospitals, laboratories, schools, medical centers, daycare, food processing etc.)

agion
Nature's antimicrobial

The Agion antimicrobial is not intended as a substitute for good hygiene. Coated products must still be cleaned to ensure the surfaces will be free of destructive microbes. ASSA ABLOY makes no representations or warranties, express or implied, as to the efficacy of the Agion antimicrobial. A copy of the Agion warranty is available upon request. Agion is a registered trademark of Agion Technologies, Inc., Wakefield, MA, USA.
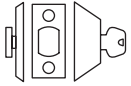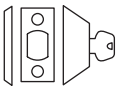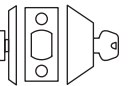
Specifications
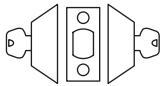
For Doors	1-3/8" (35mm) to 1-3/4" (44mm) thick standard For doors over 1-3/4" (44mm) consult factory (2-1/4" Thick door max)
Door Prep	Fits 161 (standard) cut outs and Fits 160 with 2-3/8" (60mm) backset with 1" (25mm) front and for 1-3/8" (35mm) thick door
Backsets	2-3/4" (70mm) standard. 2-3/8" (60mm) optional (20- option)
Strike	Wrought brass, bronze or stainless steel
Bolt	Solid steel with hardened steel pin insert and nickel silver plating 7/8" (22mm) x 5/8" (16mm) x 1" (25mm) throw
Cylinder	Brass, 6 pin. 2 nickel silver keys
Masterkeying	Can be masterkeyed. Construction key system available
Front	Wrought brass, bronze or stainless steel 2-1/4" (57mm) x 1-1/8" (29mm) with fixed bevel 1/8" (3mm) in 2" (51mm) furnished standard
Hand	Non handed, field reversible
Turn Lever	Non-ferrous
Housing	Non-ferrous, reinforced, one piece 2-1/2" (64mm) diameter LFIC options: housing brass & zinc, two piece Concealed screws on double cylinder function
ANSI/BHMA	A156.36 Certified Grade 1 **BHMA CERTIFIED**
UL/cUL Listed	480 series deadbolts, when used in conjunction with the primary latching device, are UL/cUL listed for use with Classified steel covered composite or hollow metal doors rated up to and including 3 hours; wood and plastic covered composite doors rated up to and including 1-1/2 hours; and wood core doors rated for 20 minutes.
Positive Pressure	Meets ANSI/UL 10C, Positive Pressure Fire Test of Door Assemblies
Mechanical Options	Cylinder Options see page 11-12 16- 400 "T'' shaped strike with strike box 20- 2-3/8" (60mm) backset. 2-3/4" (70mm) x 1" (25mm) wide front 28- 408 Flat lip strike ANSI A115.2 31- For 2-1/4" to 2-1/2" thick doors, centered in door prep, no paneling. 37- Spanner Head Screw 48- 488 Reinforced strike with 4 mounting screws and strike box
Finishes	03, 04, 09, 10, 10B, 10BE, 14, 15, 26, 26D, BSP, WSP

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Sargent Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

480 Series Deadbolt

Inside Turn Lever

404 Strike (Standard)

2-3/4" (70mm)
2-1/8" (54mm)
1-1/8" (29mm)
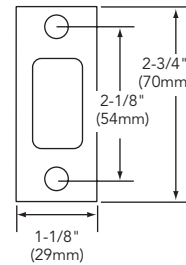
400 T-Shaped Strike (16- Option)

1-1/4" (32mm)
2-3/4" (70mm)
1-1/2" (38mm)
1-1/8" (29mm)

488 Reinforced Strike (48- Option)

3-5/8" (92mm)
1-1/4" (32mm)
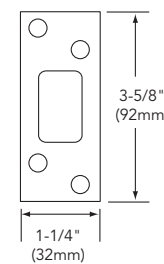
408 Flat Lip Strike (28- Option)

1-1/4" (32mm)
4-7/8" (124mm)
1-1/4" (32mm)

How To Order

10-28-	487	26D
Options	Series x Function	Finish
Mechanical Options this page	484	03, 04, 09, 10, 10B, 10BE, 14, 15, 26, 26D, BSP, WSP
	485	
Cylinder Options Page 11-12	486	
	487	
	489	
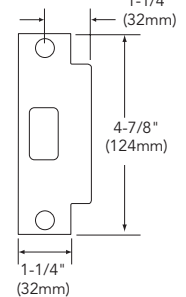
Packaging — 480 Series

Approximate Shipping Weights

2 lbs. (.9 kg)/Box	12 Boxes/Case

Functions * **NOTE** - Use only on rooms with more than one exit

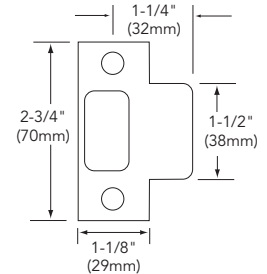| *484 Double Cylinder	485 Single Cylinder	*486 Single Cylinder	487 Classroom	489 Exit
• Key from either side operates deadbolt • ANSI E0141	• Key outside operates deadbolt • Thumb turn inside operates deadbolt • ANSI E0151	• Key outside operates deadbolt • Blank plate by exposed screws inside. Minimum 1" (25mm) required between doors • ANSI E0161	• Key outside operates deadbolt • Thumb turn inside retracts deadbolt, but will not project the deadbolt • ANSI E0171	• Thumb turn inside operates deadbolt • Blank outside plate • ANSI E01111

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Cylinder Type	Option	Description	8200 & 4870 Dead Bolt	480 Dead Bolt	470 Dead Bolt	758 & 858 Padlocks	856 & 857 Padlocks	1655 Locker Lock	4141-4143 Utility & Cabinet Locks	4152 Utility Locks
Conventional Cylinder	Std	SARGENT Conventional Cylinders	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A
Degree Key System	DG1-	SARGENT Degree Key System Level 1	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	DG1-21-	Degree Level 1 Construction Master Keying	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	DG1-60-	Degree Level 1 Removable Disposable Construction Core	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	DG1-63-	Degree Level 1 Removable Core	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	DG1-64-	Degree Level 1 Removable Construction Keyed LFIC	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	DG1-65-	Degree Level 1 Unassembled/Uncombined Core	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	DG2-	SARGENT Degree Key System Level 2	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	DG2-21-	Degree Level 2 Construction Master Keying	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	DG2-60-	Degree Level 2 Removable Disposable Construction Core	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	DG2-63-	Degree Level 2 Removable Core	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	DG2-64-	Degree Level 2 Removable Construction Keyed LFIC	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	DG2-65-	Degree Level 2 Unassembled/Uncombined Core	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	DG3-	SARGENT Degree Key System Level 3	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	DG3-21-	Degree Level 3 Construction Master Keying	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	DG3-60-	Degree Level 3 Removable Disposable Construction Core	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	DG3-63-	Degree Level 3 Removable Core	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	DG3-64-	Degree Level 3 Removable Construction Keyed LFIC	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
Signature Key System	10-	SARGENT Signature Key System (Not Available with other Key Systems)	Yes	Yes	Yes	Yes	N/A	Yes	N/A	N/A
	10-21-	SARGENT Signature Construction Key System (Lost Ball)	Yes	Yes	Yes	Yes	N/A	Yes	N/A	N/A
Signature: Large Format Interchangeable Core (Removable Core)	10-63-	SARGENT Signature LFIC (Removable Core) Cylinder	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
XC- Key System	11-	XC Key System (Not Available with other Key Systems, Unless specified)	Yes	Yes	Yes	Yes	N/A	Yes	N/A	N/A
	11-21-	XC- Construction Key System (Lost Ball)	Yes	Yes	Yes	Yes	N/A	Yes	Yes	N/A
XC- Large Format Interchangeable Core + (Removable Core)	11-60-	Hardware to accept XC- Permanent LFIC (Removable Core), Disposable plastic Core- provided	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	11-63-	Hardware provided with XC- LFIC (Removable Core) Cylinder - (Includes masterkeying, grand masterkeying)	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	11-64-	Hardware provided with Keyed construction core to accept XC- LFIC (Removable) Permanent Core (ordered Separately)	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
XC- Small Format Interchangeable Cores+	11-70-7P-	Hardware to accept XC- SFIC (7 pin) XC- Permanent Cores, plastic disposable core provided	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
	11-72-7P-	Hardware to accept XC- SFIC (7 pin Keyed Construction Core provided) cylinder, Permanent core ordered separately	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
	11-73-7P-	Hardware supplied with XC- Small Format 7 pin interchangeable core (Includes masterkeying, grand masterkeying)	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
	11-65-73-7P-	Hardware to accept XC- Uncombined 7 pin SFIC (Permanent) Core - (Packed Loose)	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
Construction Key Systems	21-	SARGENT Lost Ball Construction Keying for Conventional, XC and Signature Series (N/A with 63-, 73-, 82-, SC- & SE-)	Yes	Yes	Yes	Yes	N/A	Yes	Yes	N/A
	22-	SARGENT Construction Split Key System for Conventional Cylinders (Existing Systems) (N/A with 10-, 11-, 63-, 73-, 82-, SC- & SE-)	Yes	Yes	Yes	Yes	N/A	Yes	Yes	N/A
Old Style Removable Core	51-	Removable Core Cylinder (Old Style) provided (Existing systems only)	Yes	N/A	N/A	Yes	N/A	N/A	N/A	N/A
	52-	Removable Construction Core (Old Style) Permanent core ordered separately (existing systems only)	Yes	N/A	N/A	Yes	N/A	N/A	N/A	N/A

NOTE: For V-10 Cylinder and information, contact ASSA
NOTE: When tying into existing key systems contact Key Records for compatibility
+ For use in SARGENT hardware ordered to accept XC- option

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Cylinder Options by Product Line
Auxiliary Locks

Cylinder Type	Option	Description	8200 & 4870 Deadbolt	480 Dead Bolt	470 Dead Bolt	758 & 858 Padlocks	856 & 857 Padlocks	1655 Cabinet Lock	4141-4143 Cabinet Locks	4152, 4153, 4253 Locks
Large Format Interchangeable Core (Removable Core)	60-	Hardware to accept Permanent LFIC (Removable Core), Disposable plastic Core provided (Permanent Cores Ordered Separately)	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	63-	6 pin LFIC permanent core provided	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
	64-	Hardware supplied with Keyed LFIC construction core to accept Permanent LFIC Core (ordered Separately)	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
Small Format Interchangeable Cores	70-	Hardware to accept 6 or 7 Pin SFIC Permanent Cores (ordered separately), plastic disposable core provided	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
	72-	Hardware to accept 6 or 7 Pin SFIC supplied with Keyed Construction Core. (Permanent Core Ordered separately)	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
	73-	Hardware supplied with 6 pin SFIC (Includes masterkeying, grand masterkeying)	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
	65-73-	Hardware provided to accept Uncombined 6 pin SFIC (Permanent) Core - (Packed Loose for field keying)	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
	65-73-7P-	Hardware provided to accept Uncombined 7 pin SFIC (Permanent) Core - (Packed Loose for field keying)	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
	73-7P-	Hardware supplied with Small Format 7 Pin Interchangeable Core (Includes masterkeying, grand masterkeying)	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
Keso F1 & Keso	81-	Hardware provided with housings to accept Keso (83) & Keso F1 (F1-83-) removable cores. (Permanent Cores Ordered Separately)	Yes	N/A	N/A	N/A	N/A	N/A	N/A	Std.
	82-	Hardware provided with standard Keso Security Cylinder	Yes	N/A	N/A	N/A	Std	N/A	N/A	N/A
	F1-82-	Hardware provided with standard Keso F1 Security Cylinder (Patented)	Yes	N/A	N/A	N/A	Specify F1-	N/A	N/A	Specify F1-
	83-	Hardware supplied with SARGENT Keso Security Removable Core cylinder	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	F1-83-	Hardware supplied with SARGENT Keso F1 Security Removable Core cylinder (Patented)	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	84-	Hardware provided with SARGENT Keso Construction Cores (Permanent Removable Cores ordered separately)	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bump Resistant	BR-	Bump Resistant Cylinder (Available with Conventional & Conventional XC Cylinders Only)	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A
Less Cylinder	LC-	Less Cylinder	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A
Schlage Keyways	SC-	Schlage C keyway cylinder, 0 bitted	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	SE-	Schlage E keyway cylinder, 0 bitted	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A

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Finishes

Standard Levers and Knobs	Description
03	Polished brass, clear coated
04	Satin brass, clear coated
09	Polished bronze, clear coated
10	Satin bronze, clear coated
10B	Oxidized bronze, oil rubbed
10BE	oxidized satin bronze, equivalent
10BL	Oxidized satin, bronze, clear coated
14	Polished nickel, clear coated
15	Satin nickel, clear coated
20D	Statuary dark bronze, clear coated
26	Polished chrome
26D	Satin chrome
32	Polished stainless steel
32D	Satin stainless steel
BSP	Black Suede Powder Coat
WSP	White Suede Powder Coat