

# 7500

## Interconnected Lock





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#### 7500 Interconnected Lock

SARGENT
ASSA ABLOY

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## 

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 Yale Security Inc., an ASSA ABLOY Group company.

#### Specifications

For Doors	1-3/8" (35mm) adjusts to 1-3/4" (45mm) standard
Backsets	2-3/4" (70mm) standard
	2-3/8" (60mm) optional (20- 2-3/4" (70mm) standard
Front	Wrought brass and bronze latch and deadbolt
	2-1/4" (57mm) x 1-1/8" (29mm) for 2-3/4" Backset (Standard)
	2-1/4" (57mm) x 1" (25mm) for 2-3/8" Backset (20- option)
Strike	Wrought brass and bronze
	#501 Strike 2-3/4" (70mm) curved lip standard #508 Strike 4-7/8" (103mm) curved lip ANSI strike (28- option)++
	#406 Deadbolt Strike 2-3/4" standard
Hand	Non-handed – "L" and "P" lever designs
Tidila	Handed – "Y" Coastal lever design
Roses/Escutcheon	3" dia. (89mm) Wrought brass or bronze
Latch	Brass, 1/2" (13mm) throw
Deadbolt	Brass, 1" throw with hardened steel bar
Cylinder	Brass, 6-pin, LA keyway standard
Keys	Two; nickel silver
Masterkeying	Can be master keyed or grand master keyed
	Construction key systems available
Finishes	03, 04, 10, 10B, 15, 26, 26D and Split Finishes are available
Options	For detailed information, see "Options" on page 3
Door Prep	See template #4570 available @ www.sargentlock.com
Minimum Stile	4-1/2" (114mm) with 2-3/4" backset
	4-1/4" (108mm) with 2-3/8" backset

#### 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.)

#### **Certification Compliance**

UL	UL listed to U.S.A. and Canadian safety standards Listed for 3 hour fire doors
Positive Pressure	Meets UL 10C and UBC 7-2 (1997)
ADA	All levers conform to ADA requirement for barrier-free accessibility

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.

++ Requires wood frame, due to the size of the 508 strike and the spacing between the latch & deadbolt strikes



#### Agion has achieved:



Agion's silver antimicrobial has been certified for its material content, recyclability, and manufacturing characteristics. Cradle To Cradle Certified<sup>CM</sup> products meet established standards for human health, environmental health and recyclability.

Cradle To Cradle Certified <sup>CM</sup> is a certification mark of MBDC.

• 75G37 x KY

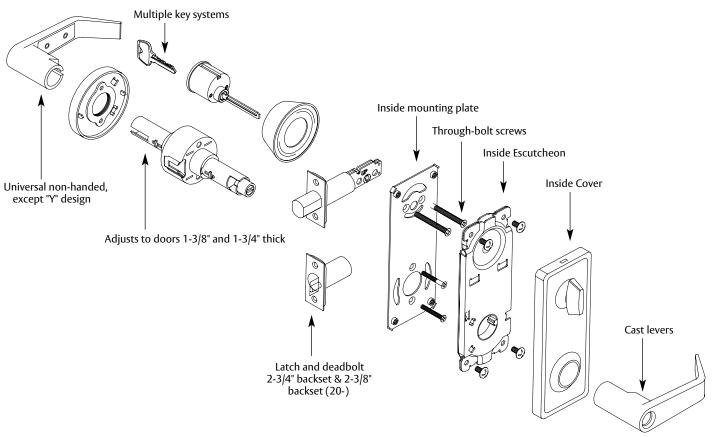
## Features, Benefits & Applications

#### 7500 Interconnected Lock



#### **Features & Benefits**

A standard duty interconnected lock designed to exceed the requirements of ANSI 156.2 Series 4000 Grade 2. The 7500 Line is the standard for residential and commercial applications for apartment buildings, assisted living facilities and military housing.



#### **Security and Durability**

- UL listed for 3 hour fire doors
- 1" throw deadbolt with hardened steel bar

#### Convenience

- Easy to install construction
- Both cylinders are keyed alike
- Single action of inside lever retracts both latchbolt and deadbolt simultaneously for a panic-proof exit
- User-friendly instruction sheets

#### Design

- Solid feel and precise lever action
- Concealed mounting screws
- Decorative lever—Coastal Series Yarmouth design

#### **Flexibility**

- Fits a variety of door preparations with different backsets
- 3 Levers (L, P & Y) meet ADA requirements
- 7 Architectural grade finishes
- 4 Functions
- Various keying available

#### **Applications**

- Designed to conform to national and state fire and handicapped requirements
- Apartment buildings
- · Assisted living facilities
- Military housing

### Functions, Lever & Rose Designs

#### 7500 Interconnected Lock



#### **Functions**

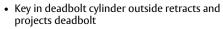
#### 75G04 Storeroom - Double Locking

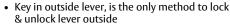
75G04

- Key in deadbolt cylinder outside retracts and projects deadbolt
- Key in outside lever retracts latchbolt
- · Lever outside is always rigid
- Thumb turn inside retracts and projects deadbolt
- Lever inside retracts both latchbolt and deadbolt simultaneously
- · Auxiliary deadlatch
- ANSI F98

#### 75G37 Classroom - Double Locking

75G37



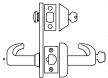


- Lever outside retracts latchbolt, when outside lever is unlocked
- Thumb turn inside retracts and projects deadbolt
- Lever inside retracts both latchbolt and deadbolt simultaneously
- Auxiliary deadlatch

#### 75G05 Entrance - Double Locking

75G05

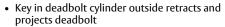
Key in deadbolt cylinder outside retracts and projects deadbolt

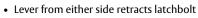


- Key in outside lever retracts latchbolt, when outside lever is locked
- Lever outside retracts latchbolt, when outside lever is unlocked
- Thumb turn inside retracts and projects deadbolt
- Lever inside retracts both latchbolt and deadbolt simultaneously
- Lever outside is locked and unlocked manually with lever turn button inside
- · Auxiliary deadlatch
- F97

#### 75G15 Entrance – Single Locking

75G15







Lever inside retracts both latchbolt and deadbolt simultaneously

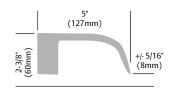
Auxiliary deadlatch

#### **Lever & Rose Designs**

#### L Lever Design

 Lever: L-Solid forged or cast

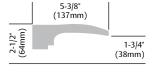




#### Y Lever Design - Coastal Design - Yarmouth

- Lever: Y–Solid Cast
- Handed

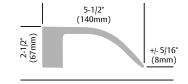




#### P Lever Design

 Lever: P-Solid forged or cast

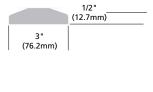




#### **K Rose Design**

- Rose K Heavy Wrought
- Rose used on outside only





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## SARGENT

## Mechanical & Cylinder Options

#### 7500 Interconnected Lock

#### **Mechanical Options:**

Backset Options	13-	Lockset x Front & Strike with 1/4" Radius (2-3/8" Backset only)
Strike Option	14-	Full Lip strike # 506
Backset Options	20-	2-3/8" Backset with 1" Front
Strike Option	28-	#508 Curved Lip Strike 4-7/8" Curved Lip Strike; Note: Requires Wood Frame, due to the size of the 508 strike and the spacing between the latch and deadbolt strikes
	75-	Handicap Warning Inside Lever
	76-	Handicap Warning Outside Lever
77- Handicap Warning Both Levers		Handicap Warning Both Levers
Handicap Warning	85-	Abrasive Coating Warning Inside Lever
	86-	Abrasive Coating Warning Outside Lever
	87-	Abrasive Coating Warning Both Levers

#### **Cylinder Options:**

Conventional Cylinder	Std	SARGENT Conventional Cylinders
	DG1-	SARGENT Degree Key System Level 1
	DG1-21	Degree Level 1 Construction Master Keying
	DG1-65	Degree Level 1 Unassembled/Uncombined Core
Degree Key System	DG2-	SARGENT Degree Key System Level 2
Degree key system	DG2-21	Degree Level 2 Construction Master Keying
	DG2-65	Degree Level 2 Unassembled/Uncombined Core
	DG3-	SARGENT Degree Key System Level 3
	DG3-21-	Degree Level 3 Construction Master Keying
Signature	10-	SARGENT Signature Key System (Not Available with other Key Systems)
Key System	10-21-	SARGENT Signature Construction Key System (Lost Ball)
VC Voy System	11-	XC Key System (Not Available with other Key Systems, Unless specified)
XC- Key System	11-21-	XC- Construction Key System (Lost Ball)
	11-70-7P-	Hardware to accept XC- SFIC ( 7-Pin) XC- Permanent Cores, disposable plastic core provided
XC- Small Format Interchangeable	11-72-7P-	Hardware to accept XC- SFIC (7-Pin Keyed Construction Core provided) cylinder permanent core ordered separately
Cores	11-73-7P-	Hardware provided with XC- Small Format 7-Pin interchangeable core (Includes masterkeying, grand masterkeying)
	11-65-73-7P-	Hardware provided to accept XC- Uncombinated 7-Pin SFIC (Permanent) Core - (Packed loose)
	21-	SARGENT Lost Ball Construction Keying for Conventional, XC and Signature Series (N/A with 63- or 73-)
Construction Key Systems	22-	SARGENT Construction Split Key System for Conventional Cylinders (Existing systems only) (N/A with 10-, 11-, 63- or 73-)

 $<sup>^{\</sup>ast}$  Available with "L" lever with all functions and with "P" & "Y" with 15 function only

## SARGENT ASSA ABLOY

#### **Cylinder Options:**

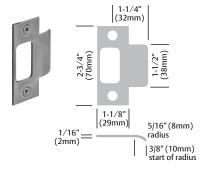
70-* 72-*		Hardware to accept 6 or 7-Pin SFIC Permanent Cores, disposable plastic core provided	
		Hardware to accept 6 or 7-Pin SFIC (Keyed construction core provided) Cylinder (Permanent core ordered separately)	
Small Format	73-*	Hardware provided with 6-Pin SFIC (Includes masterkeying, grand masterkeying)	
Interchangeable Cores 65-73-*		Hardware provided to accept Uncombinated 6-Pin SFIC (Permanent) Core - (Packed Loose for field keying)	
		Hardware provided to accept Uncombinated 7-Pin SFIC (Permanent) Core - (Packed Loose for field keying)	
	73-7P-*	Hardware provided with Small Format 7-Pin Interchangeable Core (Includes masterkeying, grand masterkeying)	
Bump Resistant	BR-	Bump Resistant Cylinder (Available with conventional & conventional XC cylinders only)	
Less Cylinder	LC-	Less Cylinder - SARGENT supplies standard blocking rings for 1-1/8" cylinders (For longer cylinders order collars/rings separately)	
Schlage SC-		Schlage C keyway cylinder, 0 bitted	
Keyways	SE-	Schlage E keyway cylinder, 0 bitted	

<sup>\*</sup> Available with "L" lever with all functions and with "P" & "Y" with 15 function only

#### Strikes

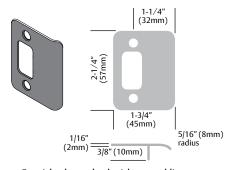
• Finishes: 03, 04, 10, 10B, 15, 26, 26D

### #501 Strike 2-3/4" Curved Lip: Standard



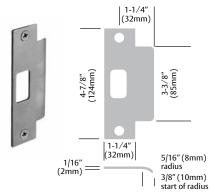
 Furnished standard with 1-1/4" (32mm) curved lip from center of strike screw holes to end of lip

## #506 Strike 2-1/4" Full Lip: (14- option)



- Furnished standard with curved lip 1-3/16" (30mm) from center of strike screw holes to end of lip
- No other lip lengths available

## #508 Strike 4-7/8" Curved Lip: (28-option)



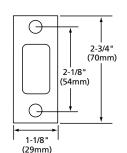
- · Conforms to ANSI standard
- Furnished standard with curved lip 1-1/4" (32mm) from center of strike screw holes to end of lip

**Note:** Requires Wood Frame, due to the size of the 508 strike and the spacing between the latch & deadbolt strikes

#### **Deadbolt Strikes**

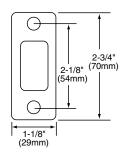
#### 406 Strike

Standard



#### **407 Radius Strike**

13 Option – Includes Radius Front



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## How to Order, Finishes, Packaging & Architectural Specifications

#### 7500 Interconnected Lock



#### **How to Order**

Specify	Note	Example
Quantity	Number ordered	1 Qty
Option*	Number ordered	1 Qty 14-
Lock Function	See functions	1 Qty 14-75G05
Trim Design	Rose x lever	1 Qty 14-75G05
Finish	See finishes	1 Qty 14-75G05-KL-26D
Additional Information	Item/Heading number, Door number, Keyset information	1 Qty 14-75G05-KL-26D x Item 01 x DRL201 x keyset AA3

<sup>\*</sup>Can choose multiple options

#### **Packaging**

28-7G05 x KL	
5 lbs/box (2.2 kg/box)	
10 boxes/case	

#### **Finishes**

Finish	Descriptions	ANSI/BHMA
03	Polished brass, clear coated	605
04	Satin brass, clear coated	606
10	Satin bronze, clear coated	612
10B	Oxidized bronze, oil rubbed	613
15	Satin nickel, clear coated	619
26	Polished chrome	625
26D	Satin chrome	626

Zinc levers are plated to match BHMA finish. Split finishes available. Specify outside finish first.

#### Latches/Deadbolts/Strikes

Part No.	Description (backsets)
75-2205	2-3/4" backset (standard
75-2206	2-3/8" backset w/ rounded corners (13 option)
75-2207	2-3/8" backset (20 option)
75-2200	Adjustable Deadbolt

#### **Suggested Architectural Specifications**

#### 2.0 7500 Interconnected locksets

- A. Operation of inside trim shall simultaneously retract both deadbolt and latchbolt.
- B. Locks shall be non-handed (except "Y" lever) with bi-directional lever operation.
- C. Locks shall comply with UL10C and UBC 7-2 positive pressure requirements.
- D. Locks required for fire doors shall be listed by Underwriters Laboratories for ratings of A label (3 hours) and less.
- E. Locks shall have a 2-3/4" (70mm) backset standard, with 2-3/8" (60mm) offered as an option.
- F. Strikes shall be non-handed with a curved lip. Provide wrought boxes with strikes.
- G. Locks shall have brass 6-pin cylinder, standard.
- H. Provide two, nickel silver keys with each lock.
- I. Locks shall have a one year limited warranty.

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Founded in the early 1800s, SARGENT® is a market leader in locksets, cylinders, door closers, exit devices, electro-mechanical products and access control systems for new construction, renovation, and replacement applications. The company's customer base includes commercial construction, institutional, and industrial markets.

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