Product Catalog

**The S&G portfolio of medium and high security solutions
for commercial, financial and residential applications**

Since inventing James Sargent's revolutionary key-changeable combination lock in 1857, we've been **leaders and innovators** in high-security solutions.

160+ Years of Security Innovations

A global company headquartered in the United States, Sargent and Greenleaf protects the world's highest-security spaces.

From mechanical locks to electronic solutions, traditional devices to the latest high-tech developments, institutions and individuals trust Sargent and Greenleaf for unmatched quality, durability, and performance.

Our commitment to the toughest engineering standards, rigorous technological testing, and quality materials propels the industry forward—continuing to change the way governments, banks, and businesses worldwide secure their assets.

More than 160 years after our first breakthrough, S&G continues to set global standards for the security industry—creating solutions for today and anticipating the challenges of the future.

Today's Breakthroughs: S&G's Digital Platform

From the beginning, we've brought innovation to the security industry. At S&G, we always push the boundaries of possibility: developing new ways to implement technology and deliver continuous improvement. Our Digital Platform includes an ever-expanding suite of digital products.

DIGITAL PLATFORM

Digital Platform makes your security faster, smarter, and easier to use.

S&G's Digital Platform products balance the latest breakthroughs with proven security in modern, sophisticated solutions.

Security at the Leading Edge

We don't innovate for the sake of novelty. As the fields of material science and technology expand rapidly, our commitment to security remains in the forefront. Not all technologies are immediately ready for security applications, and S&G engineers work to address gaps and vulnerabilities long before we bring a new digital product to market.

Easy, Intuitive Design

Digital Platform products make complex technology user friendly—so your security products are not only more secure, but also faster and easier to use and program. Modular construction and time-saving features make it simpler than ever to install, scale, and operate Digital Platform products.

Smart Flexibility

Our Digital Platform not only integrates today's technology, but also anticipates the solutions emerging in the fast-paced world of digital innovation. We design each component to allow for iterative improvements so as new technologies arise you can put them to work—securely—in the shortest possible time.

NexusIP Keypad

USB Flash Drive

Digital Time Lock Keypad

Digital Platform raises the bar for future-focused security.

Today's institutions and organizations demand more efficient, globally-driven solutions that anticipate future improvements. S&G's Digital Platform delivers uniquely modular, flexible security.

Global Application

Using larger digital keypads with highly readable e-ink displays, Digital Platform products naturally scale within global applications. Choose from a wide range of languages and call on universally recognized icons for quick and easy operation worldwide.

Fast, Comprehensive Audits

Digital Platform products use USB 2.0 flashdrives to make downloading, printing, and emailing up to 1,000 audit events faster and easier—even from multiple locks.

Scalable Modular Design

Using common core technology and modular design, S&G's Digital Platform products work together to allow greater flexibility and customization. Built to anticipate changes and updates, Digital Platform products are easy to scale and iterate for longer product life.

Digital Platform part number breakdown

3006-102

30 Digital Platform

06 Bolt Type

1 Firmware

02 Standard Version

Bolt Type Identification	
ID Number	Bolt Type
06	Auto Relocking PivotBolt
07	Direct Drive Square Bolt
28	Auto Relocking Square Bolt
29	Push/Pull Square Bolt

Firmware Identification	
ID Number	Product
1	Audit 2.0
2	A-Series with Display
3	Digital Time Lock
5	NexusIP

A-Series with Display Keypad

S&G's Digital Platform innovates toward a secure future.
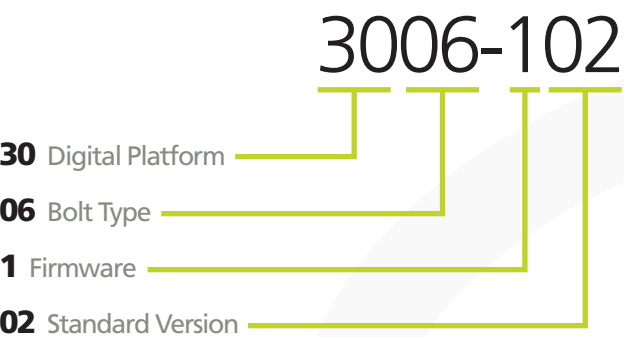
NexusIP *(see p.13)*

Audit Lock 2.0 *(see p.17)*

A-Series with Display *(see p.14)*

Digital Time Lock *(see p.16)*

Digital Vault Lock *(see p.24)*

Digital Hood Defense *(see p.30)*
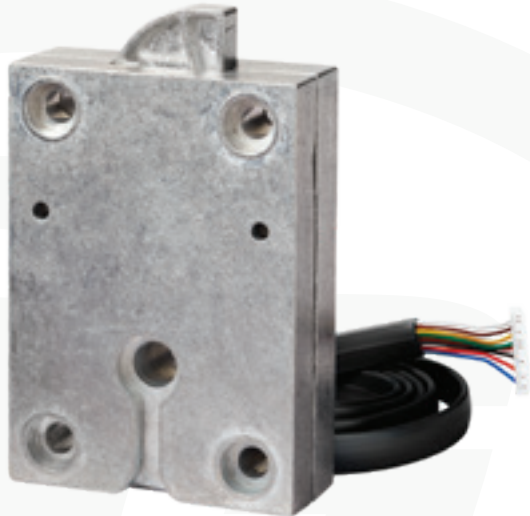
Digital Hood Defense

Government Solutions: GSA-Approved Security

Our high-security solutions protect some of the world's most sensitive assets—including U.S. government and military spaces that require GSA approval before procurement. From revolutionary SCIF egress to locks for classified safes, we secure facilities and containers with thoroughly tested and GSA-approved products designed to the highest standards.

Security
Each of our government solutions meets or exceeds the industry's most rigorous testing and earns GSA approval. S&G products protect the world's most sensitive assets.

Durability
We design our products to last. Using top-quality materials and precision-engineered components, we build solutions that perform consistently in high-traffic, heavy-use applications.

Flexibility
Our government solutions are easy to install and retrofit.

2740B Dial

2890 Exterior

S&G's government solutions deliver proven security.

Model 8077AD Padlock *(see p.55)*
• Meets federal specification FF-P-110J

Model 951 High Security Padlock *(see p.56)*
• Meets military specification MIL-DTL-43607J

2890B High Security Pedestrian Door Locking System *(see p.58)*
• Meets federal specification FF-L-2890C

2740B Electromechanical Combination Safe Lock *(see p.60)*
• Meets federal specification FF-L-2740B

Model 2937 Mechanical Combination Safe Lock *(see p.39)*
• Meets federal specification FF-L-2937 for life safety

The Brute *(see p.62)*

Sliding Deadbolt Locks *(see p.61)*

National Stock Numbers can be found on the product page.

Financial Solutions: Protect Every Point

Since the 1850s, Sargent and Greenleaf has served financial institutions at every level. From small town banks to the United States Treasury Department, S&G protects the assets that power the world's economy.

Security
Around the world, financial institutions trust our products for unmatched security. Our high-security solutions protect entry points, vaults, safes, and ATMs with state-of-the-art materials and proven results. Proprietary enhancements make S&G products resistant to both known and emerging threats.

Control
Sargent and Greenleaf continues to revolutionize safe and vault access for financial applications. From traditional combination locks to the latest digital security locks, we make it easy to manage access by both individuals and groups.

Performance
We build our financial products to perform flawlessly, even in high-use applications. With exceptional product life and features designed to reduce maintenance requirements, S&G solutions deliver the performance and durability that the financial world requires.

Digital Time Lock Keypad

S&G's financial solutions secure the world's assets.

ATM Locks *(see p.14)*
A-Series with Display
Digital Hood Defense
A-Series

Safe Locks
Audit 2.0 *(see p.17)*
Titan *(see p.18)*
Model 6124 *(see p.21)*
6630 Series *(see p.35)*
6730 Series *(see p.34)*
8400 Series *(see p.37)*

Vault Locks
Digital Vault Locks *(see p.24)*
Electronic Vault Lock *(see p.24)*
Mechanical Vault Lock *(see p.44)*

Safe Deposit Locks *(see p.49)*
4100 Series
4200 Series
4400 Series
4500 Series

Time Locks *(see p.42)*
Digital Time Lock
Model 6370
Model 6280

Key Operated Locks *(see p.46)*
6800 Series

Commercial Solutions:
Protect People and Property

Retailers worldwide rely on S&G locks for maximum protection. Our high-security solutions deter forced entry attempts and prevent internal shrinkage. With advanced features and monitoring capabilities, S&G commercial solutions offer long-lasting, flexible security designed to the highest standards.

Security

Our products use advanced technology and design to deliver high levels of security that are easy to monitor, manage, and maintain. Designed to withstand both internal and external threats, S&G commercial solutions protect your business and your employees.

Flexibility

Your facility has unique needs, so S&G designed our products for customization. Simple to install and maintain, and suited to a wide range of architectural styles, our products give you the flexibility to scale up, scale down, and install security features anywhere you need them.

Durability

Designed to stand up to rigorous use and high traffic areas, our commercial products deliver long-lasting—and low maintenance—performance.

PivotBolt Lock Body

S&G provides flexible security for a wide range of commercial spaces.

NexusIP Keypad

Residential Solutions:
Secure Personal Assets

With Sargent and Greenleaf, the same proven security used by governments, banks, and businesses is also available for home safes. Each of our mechanical and electronic lock bodies are tested to the U.S. military's highest electro-magnetic pulse (EMP) impact standards—guaranteeing impressive durability and attack resistance.

Tested and Proven

We test our residential safe locks to the highest industry standards, including proven EMP-resistance for lock bodies. The same products trusted by governments and financial institutions around the world also deliver unmatched security and performance in private homes.

Easy to Install

S&G locks are built to fit standard safe footprints, making them simple to install or retrofit onto an existing safe. Our locks require no additional tools or drilling—and easy-to-follow instructions are available online in print and video formats.

Long Lasting

Our products are designed to last. Built from high-quality materials and engineered to withstand repeated use, S&G locks deliver top-quality performance over an exceptional product lifespan.

EMP
ELECTROMAGNETIC
PULSE RESISTANT
LOCK

S&G's residential solutions deliver advanced security for home safes.
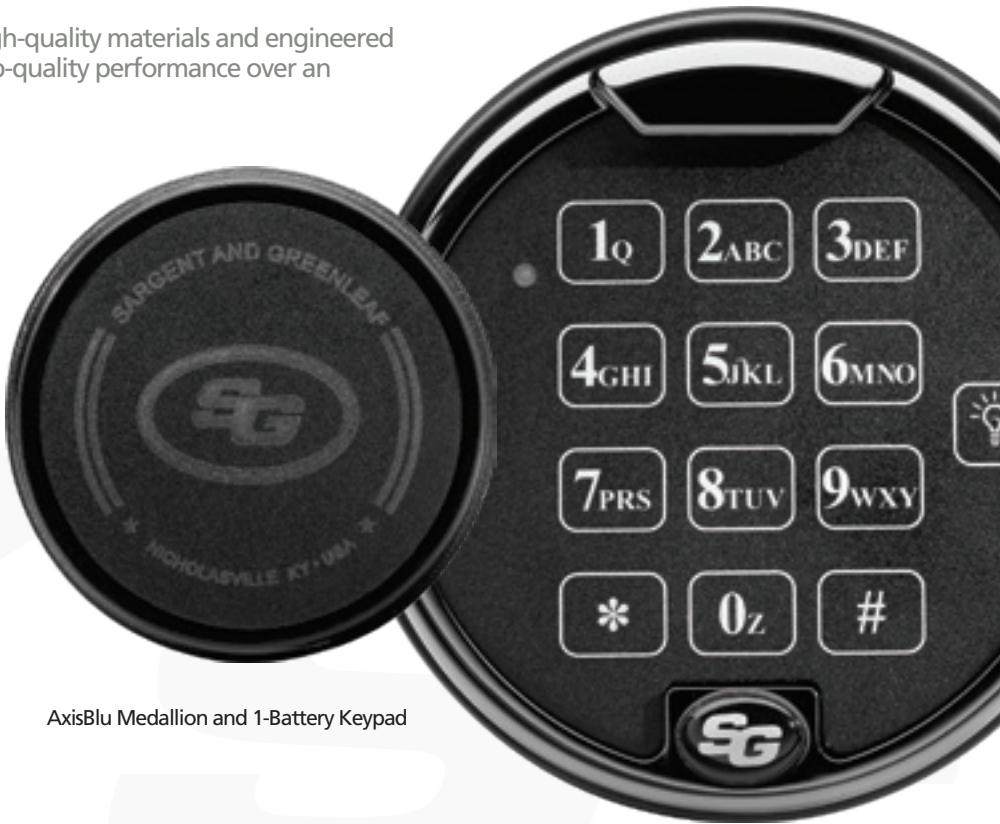
AxisBlu Medallion and 1-Battery Keypad

SARGENT AND GREENLEAF ®

SARGENT AND GREENLEAF

Table of Contents

Electronic Locks

Sargent and Greenleaf manufactures smart, intuitive electronic safe locks certified for global application. Advanced technology and elevated aesthetics create sophisticated security solutions.

Bank/Commercial Applications

Electronic Locks Comparison Chart

	Model 6120	Model 6124	Titan (Model 2006/2007)	Audit Lock 2.0 (3000-100 Series)	Digital Time Lock (3000-300 Series)	NexusIP (3000-500 Series)	A-Series (Model 6128/6129)	A-Series with Display (3000-200 Series)
CERTIFICATIONS								
UL Listed Type 1	•	•	•	•	•	•	•	•
EN 1300 Class B		•	•	• (Models 3006/ 3007 only)	•		•	•
ECB•S R01 Lock Guide, Class B		•	•	•	•		•	•
VdS Class 2		•	•	• (Models 3006/ 3007 only)	pending		•	•
A2P Class B/E		•	•	•	•		•	•
SBSC		•	•	• (Models 3006/ 3007 only)	pending			
RoHS2 Compliant	•	•	•	•	•	•	•	•
FEATURES								
Single Control	•	•	•	•	•	•	• (bank mode)	• (bank mode)
Dual Control		Changeable to dual control mode	Changeable to dual control mode	•	•	•	• (bank mode)	• (bank mode)
Manager/Employee*		•	•	•	•	•	• (bank mode)	• (bank mode)
Manual Secure (0, 0, #)				•	•	•	• (Model 6129-231 only)	•
Management Reset Code Option	•	•	•	•	•	•		
Total Number of Codes**	9	10 (5 when duress is enabled)	10 (5 when duress is enabled)	100	100	100	18	30
Audit Trail				1,000 events (order 3103-095)	1,000 events (order 3103-095)	1,000 events (order 3103-095)	400 events (Order 3103-095)	1,000 events (Order 3103-095)
Audit Download				USB Flash Drive	USB Flash Drive	USB Flash Drive	Dallas iButton®	Dallas iButton® or USB Flash Drive
Email Capability for Audit Events				•	•	•		•
Time Lock Management					•	•		
Penalty Lockout	•	•	•	•	•	•	•	•
Time Delay	1-9 minutes	1-99 minutes	1-99 minutes	1-99 minutes	1-99 minutes	1-99 minutes	1-99 minutes	1-99 minutes
Time Delay Override Code		•	•	•	•	•		
Bolt Position Indicator (BPI)		•	Order 2006-201	•	•	•	•	•
Duress/Silent Alarm Capability		Order 6102-090	Order 6102-090	Order 3000-001	Order 3000-001	Order 3000-001	Order 6102-090	Order 3000-001
Warranty	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years
LOCK BODIES								
Auto Relocking PivotBolt (Motor Blocking)			•	•	•	•		•
Direct Drive Square Bolt (Motor Blocking)			•	•	•	•		•
Auto Relocking Square Bolt (Motor Lock)	•	•		•	•	•	•	•
Push/Pull Square Bolt (Motor Lock)				•	•	•	•	•

*Manager/Employee available in single control mode.

** Total number of codes includes programmer, manager, and user codes. Refer to product's operating instructions for breakdown of available codes

Residential Applications

Electronic Locks Comparison Chart

	Model 6120	Spartan (Model 1006/1007)	Titan (Model 2006/2007)	AxisBlu (Model AX26)
CERTIFICATIONS				
UL Listed Type 1	•	•	•	• (AX26-202, AX26-302 only)
EN 1300 Class B		•	•	
ECB•S R01 Lock Guide, Class B		•	•	
VdS Class 2		•	•	
A2P Class B/E		•	•	
SBSC		•	•	
RoHS2 Compliant	•	•	•	•
FEATURES				
EMP Resistant	•	•	•	
Single Control	•	•	•	•
Dual Control			Changeable to dual control mode	
Manager/Employee			Included in single control mode	•
Management Reset Code	•	•	•	•
Total Number of Codes*	9	2	10 (5 when duress is enabled)	10
Penalty Lockout	•	•	•	•
Time Delay	1-9 minutes		1-99 minutes	1-99 minutes
Time Delay Override Code			•	•
Bolt Position Indicator (BPI)			Order 2006-201	Order 2006-201
Duress Capability			Order 6102-090	
Warranty	2 years	2 years	2 years	2 years
LOCK BODIES				
Auto Relocking PivotBolt (Motor Blocking)		•	•	•
Direct Drive Square Bolt (Motor Blocking)		•	•	
Auto Relocking Square Bolt (Motor Lock)	•			
Push/Pull Square Bolt (Motor Lock)				

* Total number of codes includes programmer, manager, and user codes. Refer to product's operating instructions for breakdown of available codes.

NexusIP™

NexusIP delivers the convenience of a centrally controlled internet protocol (IP) security system with no peripheral components or drilling required. NexusIP leverages existing Wi-Fi connections to simplify installation and operation by allowing users to monitor, control, and view activity in real-time.

NexusIP (3000-500 Series)

Features

Centrally controlled internet protocol (IP) security system for one lock or a multi-location network of locks

Real-time monitoring and control via existing Wi-Fi connection

Change access, set schedules, and receive real-time alerts without traveling to the lock

Externally powered with emergency battery backup

Program locks via software interface

Remote lock management to add, delete, enable, disable users

Download, store, and email 1,000 time-and date- stamped audit events remotely or via USB drive

Management Reset Code

Time Delay 1-99 minutes

Penalty Lockout

Duress/Silent Alarm*

*Optional module required to interface with alarm company

NexusIP Keypad

Part Numbers

Order No.	Type	Lock Body	Keypad	Keypad Finish
3006-502	Kit	Auto Relocking PivotBolt	Digital with Display	Bright Chrome
3007-502	Kit	Direct Drive Square Bolt	Digital with Display	Bright Chrome
3028-502	Kit	Auto Relocking Square Bolt	Digital with Display	Bright Chrome
3029-502	Kit	Push/Pull Square Bolt	Digital with Display	Bright Chrome
3103-500	Software	NexusIP Software		

Kits include lock body, keypad, and Wi-Fi module

Auto Relocking PivotBolt   Direct Drive Square Bolt   Auto Relocking Square Bolt   Push/Pull Square Bolt

A-Series™

Combining the proven performance and durability of an S&G lock with intuitive access control software and audio-visual prompts, A-Series and A-Series with Display make ATM security easier, faster, and more secure.

Three Modes of Operation

Bank Mode:

No key required to open the lock.

Service Mode:

Users must have Dallas iButton® touch key, four-digit PIN, and eight-digit one-time code (OTC) to open the lock.

Opening codes generated for a specific time window via Lock Management Software (LMS).

Bank + Service Mode:

Lock can be placed in both Bank and Service modes allowing personnel from either discipline to access the ATM.

Features

Greater Safe Access Control

Two forms of authentication are required for access.

Greater Code Control

Managers specify a 4-, 8-, 12-, or 24-hour window during which a code is live. 15-minute time window option available with A-Series with Display.

Secure Shared Access

Authorize shared access through secure file transfers rather than requiring costly and time-consuming vendor meets.

Multi-Lingual Software

Lock Management Software (LMS) is an intuitive interface available in multiple languages.

Highly Accurate Auditing

Time is stored in the lock, not the key, making locks less susceptible to time drift.

Quick, easy installation

Time Delay 1-99 minutes

Penalty Lockout

Duress/Silent Alarm*

*Optional module required to interface with alarm company
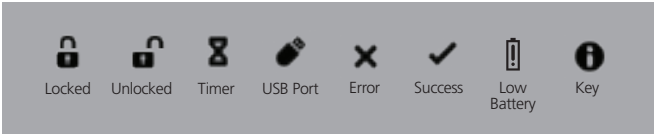
A-Series with Display Keypad

A-Series with Display (3000-200 Series)

Digital technology with easy-to-use display - up to 30 characters of text, icons, and images.

| Locked | Unlocked | Timer | USB Port | Error | Success | Low Battery | Key |

A-Series Keypad

A-Series (Models 6128 and 6129)

Tested and proven ATM security in a streamlined, economical format for easy access and auditing.

A-Series One-Time Code (OTC) App

Greater Convenience

Generate one-time codes from a mobile device faster than a dispatch call.

More Management Control

Supervisors assign time windows for network access and codes are only live during that time window.

Mobile app compatible with Android devices. Web application available for all mobile devices.
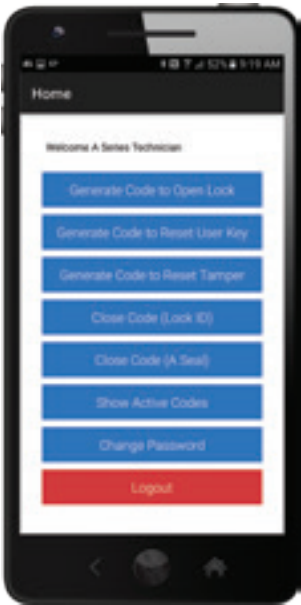
Kits

Order No.	Type	Lock Body	Keypad	Keypad Finish
6128-247	Kit	Auto Relocking Square Bolt	2-Battery	Satin Chrome
6129-240	Kit	Push/Pull Square Bolt	2-Battery	Satin Chrome
3006-202	Kit	Auto Relocking PivotBolt	Digital with Display	Bright Chrome
3007-202	Kit	Direct Drive Square Bolt	Digital with Display	Bright Chrome
3028-202	Kit	Auto Relocking Square Bolt	Digital with Display	Bright Chrome
3029-202	Kit	Push/Pull Square Bolt	Digital with Display	Bright Chrome

Kits include lock body, keypad, and keypad extension

Accessories and Software

Order No.	Type	Description
6104-006	Accessory	Dallas iButton® Red Key Fob (Manager Key)
6104-005	Accessory	Dallas iButton® Black Key Fob (User/Service Key)
6102-025	Accessory	Alarm Interface Module for Model 6128 and 6129
6103-102	Accessory	Key Reader with USB adapter with cable only
3103-095	Software	USB Audit Trail Software
3103-100F	Software	Bridge Software on Flash Drive
6128-307	Software	LMS Software on Flash Drive
3103-200F	Software	One-Time Code Software on Flash Drive
3103-201F	Mobile App	One-Time Code Mobile App on Flash Drive

Dallas iButton® Red Key Fob

Dallas iButton® Black Key Fob

USB Flash Drive

Digital Time Lock™

Digital Time Lock gives businesses and retail outlets all the benefits of a high security, digital solution while expanding flexibility with advanced features. Easily program access schedules, download audit events, and review data in a secure, user-friendly online interface. Digital Time Lock makes securing your assets – and your peace of mind – simple.

Digital Time Lock (3000-300 Series)

Features

Three modes of operation: Single Control, Dual Control, Manager/Employee

Four opening windows per day for up to 100 users

Program up to 30 holidays

Download, store, and email 1,000 time-and date- stamped events via USB drive

User-friendly programming via website interface

Management Reset Code option

Time Delay 1-99 minutes

Penalty Lockout

Duress/Silent Alarm*

*Optional module required to interface with alarm company

Digital Time Lock Keypad

Part Numbers

Order No.	Type	Lock Body	Keypad	Keypad Finish
3006-302	Kit	Auto Relocking PivotBolt	Digital with Display	Bright Chrome
3007-302	Kit	Direct Drive Square Bolt	Digital with Display	Bright Chrome
3028-302	Kit	Auto Relocking Square Bolt	Digital with Display	Bright Chrome
3029-302	Kit	Push/Pull Square Bolt	Digital with Display	Bright Chrome

Kits include lock body and keypad

Auto Relocking PivotBolt   Direct Drive Square Bolt   Auto Relocking Square Bolt   Push/Pull Square Bolt

Audit Lock 2.0

Security is about more than safeguarding your assets. It's also about knowing who accessed them - and when. Audit Lock 2.0 is the ideal solution for more advanced security. Banks, retails outlets, offices, or other businesses can rely on this lock to provide high quality, informative security.

Audit Lock 2.0 (3000-100 Series)

Key Features

Three modes of operation: Single Control, Dual Control, Manager/Employee Download, store, and email 1,000 time-and date- stamped events via USB drive

Management Reset Code option

Time Delay 1-99 minutes

Penalty Lockout

Duress/Silent Alarm*

*Optional module required to interface with alarm company

Audit Lock 2.0 Keypad

Part Numbers

Order No.	Type	Lock Body	Keypad	Keypad Finish	Management Reset Code Option
3006-102	Kit	Auto Relocking PivotBolt	Digital	Bright Chrome	Yes
3007-102	Kit	Direct Drive Square Bolt	Digital	Bright Chrome	Yes
3028-102	Kit	Auto Relocking Square Bolt	Digital	Bright Chrome	Yes
3029-102	Kit	Push/Pull Square Bolt	Digital	Bright Chrome	Yes
3103-095	Software	USB Audit Trail Software			
3103-130	Accessory	USB Flash Drive			

Kits include lock body and keypad

Auto Relocking PivotBolt   Direct Drive Square Bolt   Auto Relocking Square Bolt   Push/Pull Square Bolt

Titan™

Designed with advanced features to maximize performance under heavy use and high cycle rate, the Titan Safe Lock provides reliable security for banking and commercial applications.

PivotBolt Keypad

Direct Drive Keypad

Auto Relocking PivotBolt

Direct Drive Square Bolt

Titan (Models 2006/2007)

Features

Motor-blocking locking mechanism

Available in PivotBolt and Direct Drive

Three modes of operation: Single Control, Dual Control, Manager/Employee

10 codes available – 1 master code, 1 supervisor code, 8 user codes

EMP Resistant - tested and proven to withstand military-level EMP attacks

Management Reset Code*

Time Delay 1-99 minutes

Penalty Lockout

Duress/Silent Alarm**

Keypad Compatibility

1-Battery Keypad (2006 models)

2-Battery Keypad (2006 models)

Low Profile Keypad (2006 models)

Rotating Keypad (2007 models)

* MRC only available in Single Control mode

** See operating instructions for code changes when using optional duress feature

** Duress feature not available when in dual control; optional module required to interface with alarm company

EMP
ELECTROMAGNETIC
PULSE RESISTANT
LOCK

Part Numbers

Order No	Type	Lock Body	Keypad	Lighted Keypad	Keypad Finish
2006-100	Lock Body	PivotBolt			
2006-102	Kit	PivotBolt	Non-Rotating, Low Profile	No	Bright Chrome
2006-108	Kit	PivotBolt	1-Battery	No	Bright Chrome
2006-112	Kit	PivotBolt	1-Battery	No	Bright Brass
2006-118	Kit	PivotBolt	1-Battery	No	Black Platinum
2006-120	Kit	PivotBolt	1-Battery	Yes	Bright Chrome
2006-121	Kit	PivotBolt	1-Battery	Yes	Black Platinum
2006-122	Kit	PivotBolt	1-Battery	Yes	Bright Brass
2006-106	Kit	PivotBolt	2-Battery	No	Satin Chrome
2006-107	Kit	PivotBolt	2-Battery	No	Matte Black
2006-114	Kit	PivotBolt	2-Battery	No	Black Platinum
2007-100	Lock Body	Direct Drive			
2007-102	Kit	Direct Drive	Rotating	No	Bright Chrome
2007-118	Kit	Direct Drive	Rotating	No	Black Platinum
2007-120	Kit	Direct Drive	Rotating	Yes	Bright Chrome

PivotBolt kits include lock body, cable, and keypad
Direct Drive kits include lock body, cable, 8" spindle, keypad

AxisBlu™

With AxisBlu, you don't have to choose between convenience and security. AxisBlu combines the latest Bluetooth® technology upgrades with our proven Titan lock body to create a radical new option for safe security – accessing your safe securely via mobile app.

AxisBlu (AX26-Series)

Features

Access your safe via Bluetooth-enabled mobile app

Proven Titan lock body, enhanced with firmware updates, functions securely with a mobile device using Bluetooth technology

10 codes available – 1 master code, 1 supervisor code, 8 user codes

Two modes of operation: Single Control, Manager/Employee

S&G Axis app available on Android and Apple mobile devices that support Bluetooth 4.2

Management Reset Code

Time Delay 1-99 minutes

Penalty Lockout

Duress/Silent Alarm*

Available in medallion or keypad kits

* Optional module required to interface with alarm company

Medallion

1-Battery Keypad

Part Numbers

Order No.	Type	Lock Body	Exterior Type	Finish
AX26-102	Kit	PivotBolt	Medallion	Matte Black
AX26-202	Kit	PivotBolt	QuickMount Keypad	Matte Black
AX26-302	Kit	PivotBolt	1-Battery Keypad	Black Platinum
AX03-059-000	Accessory	Medallion Overlay		

Keypad kits include lock body, keypad, Bluetooth module
Medallion kit includes lock body, medallion, battery box, Bluetooth module

Auto Relocking PivotBolt

Mobile device with app

Medallion/Keypad Size Comparison

Spartan™

Spartan is a two-user safe lock that provides user-friendly security for residential safes.

PivotBolt Keypad

Direct Drive Keypad

Auto Relocking PivotBolt

Direct Drive Square Bolt

Spartan (Models 1006/1007)

Features
Motor-blocking locking mechanism
Available in PivotBolt and Direct Drive
STAR and BASIC programming and operating procedures
2 codes available - 1 master code and 1 user code
EMP Resistant - tested and proven to withstand military-level EMP attacks
Management Reset Code

Keypad Compatibility
1-Battery Keypad (1006 models)
2-Battery Keypad (1006 models)
Non-Rotating, Low Profile Keypad (1006 models)
Rotating, Low Profile Keypad (1007 models)

Part Numbers

Order No	Type	Lock Body	Keypad	Lighted Keypad	Keypad Finish
1006-100	Lock Body	PivotBolt			
1006-102	Kit	PivotBolt	Non-Rotating, Low Profile	No	Bright Chrome
1006-108	Kit	PivotBolt	1-Battery	No	Bright Chrome
1006-115	Kit	PivotBolt	1-Battery	Yes	Bright Chrome
1006-118	Kit	PivotBolt	1-Battery	No	Black Platinum
1007-100	Lock Body	Direct Drive			
1007-102	Kit	Direct Drive	Rotating, Low Profile	No	Bright Chrome
1007-118	Kit	Direct Drive	Rotating, Low Profile	No	Black Platinum
1007-119	Kit	Direct Drive	Rotating, Low Profile	Yes	Bright Brass
2006-201	Accessory	Bolt Position Indicator			
2004-500	Accessory	8 inch (20.3 cm) Aluminum Spindle for Model 1007			

PivotBolt kits include lock body, cable, and keypad
Direct Drive kits include lock body, cable, 8" spindle, keypad

Model 6124

Model 6124 leverages precision engineering to protect banking and commercial applications. Flexible configuration and multiple access modes make Model 6124 a simple, yet secure solution.

Model 6124

Key Features
Motor-driven locking mechanism
Three modes of operation: Single Control, Dual Control*, Manager/Employee
10 codes available – 1 master code, 1 supervisor code, 8 user codes
EMP Resistant - tested and proven to withstand military-level EMP attacks
Management Reset Code option**
Time Delay 1-99 minutes
Penalty Lockout
Duress/Silent Alarm***
See operating instructions for code changes when using optional duress feature
* Duress feature not available when in dual control
** MRC only available in Single Control mode
*** Optional module required to interface with alarm company

61KP-105 Keypad

Auto Relocking Square Bolt

Part Numbers (Lock body only)

Order No.	Type	Lock Type	Bolt Position Indicator (BPI)	Management Reset Code (MRC) Option
6124-143	Lock Body	Auto Relocking Square Bolt	No	Yes**
6124-238	Lock Body	Auto Relocking Square Bolt	Yes	Yes**

Part Numbers (Keypad only)

Order No.	Type	Keypad Finish
61KP-105	2-Battery Keypad	Satin Chrome

Model 6120

Model 6120 delivers simple, one-touch operation that makes securing residential gun safes and commercial safes easy and intuitive. Keypad control combined with easy, one-step operation makes Model 6120 convenient to use and manage.

Model 6120 Keypad

Auto Relocking Square Bolt

Model 6120

Key Features
Motor-driven locking mechanism
Single Control operating mode
9 codes available – 1 master code and 8 user codes
EMP Resistant - tested and proven to withstand military-level EMP attacks
Time Delay 1-9 minutes
Penalty Lockout
Management Reset Code option

Keypad Compatibility
1-battery keypad
2-battery keypad
Low profile keypad

EMP
ELECTROMAGNETIC
PULSE RESISTANT
LOCK

Part Numbers

Order No.	Type	Lock Type	Keypad	Keypad Finish	Notes
6120-301	Kit	Auto Relocking Square Bolt	2-Battery	Bright Brass	Batteries not included
6120-302	Kit	Auto Relocking Square Bolt	2-Battery	Bright Chrome	Batteries not included
6120-303	Kit	Auto Relocking Square Bolt	2-Battery	Matte Black	Batteries not included
6120-305	Kit	Auto Relocking Square Bolt	2-Battery	Satin Chrome	Includes (2) 9V batteries
6120-329	Kit	Auto Relocking Square Bolt	1-Battery	Bright Chrome	Includes (1) 9V battery
6120-330	Kit	Auto Relocking Square Bolt	1-Battery	Bright Brass	Includes (1) 9V battery
6120-308	Lock Body	Auto Relocking Square Bolt			MRC Factory Set
6120-309	Lock Body	Auto Relocking Square Bolt			MRC Field Settable

Kits include lock body and keypad
Kits are MRC Field Settable

Model 6140

Combining a proven, motor-driven safe lock with a latching extension, Model 6140's advanced micro-processing technology delivers flexible auxiliary control.

Model 6140

Key Features
Motor-driven lock mechanism
Powered by Model 6124
Three modes of operation: Single Control, Dual Control, Manager/Employee
8 codes available - 1 master code, 1 supervisor code, 6 user codes
Inside release knob is always active for normal or emergency exit
Time Delay 1-99 minutes
Penalty Lockout
Three different heavy-duty strikes available (#1, #2, #3)
Compatible with 2-Battery Keypad (61KP-105)

61KP-105 Keypad

Part Numbers

Order No.	Type	Lock Body	Keypad	Keypad Finish	Strikes
6140-003	Lock Body	DeadLocking Square Bolt			#1 and #3 for in-swing door
6140-004	Lock Body	DeadLocking Square Bolt			#2 for outswing door
61KP-105	Keypad	2-Battery Keypad	2-Battery Keypad	Matte Black	

Kits include lock body, 2-battery keypad, and strikes
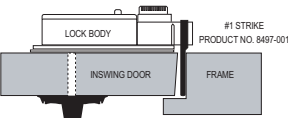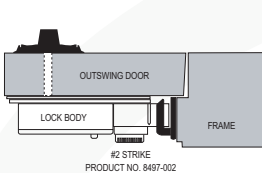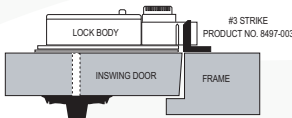

6140 Lock Body

Strike #1   Strike #2   Strike #3

Electronic Vault Locks

S&G's Vault Locks combine the security and convenience of our proven electronic locks with the durability and dependability of our attack-resistant vault lock case. Vault locks are ideal for vault doors and high security safes.

Digital Vault Lock Keypad

Electronic Vault Lock Keypad

Vault Lock

Features

Heavy-duty, motor-driven lock mechanism

Three modes of operation: Single Control, Dual Control, Manager/Employee

Time-and date-stamped audit events via Dallas iButton® or USB Flash Drive

Powered by Model 6129 or Model 3029 lock

Same mounting bolt footprint as the S&G 6400 and 6500 series mechanical vault locks

Time Delay 1 to 99 minutes

Penalty Lockout

Duress/Silent Alarm*

Available in Roller Bolt and Square Bolt options

Available with time lock management or one-time code (OTC) operation

*Optional module required to interface with alarm companyinterface with alarm company

Part Numbers

Order No.	Lock Body		Keypad	Keypad Finish
6550-110	Kit	Roller Bolt	2-Battery	Satin Chrome
6550-111	Kit	Square Bolt	2-Battery	Satin Chrome
6550-121	Kit	Square Bolt	Digital with Display	Bright Chrome
3103-095	Software	USB Audit Trail Software		
6104-006	Accessory	Dallas iButton® Key Fob (Red)		

Model 6550-110 and 6550-111 kits include lock body, keypad, keypad extension
Model 6550-121 kit includes lock body and keypad

Square Bolt Lock Body

Roller Bolt Lock Body

Features Comparison Chart

	Electronic Vault Lock (Model 6550-110) (Model 6550-111)	Digital Vault Lock (Model 6550-121)
UL Listed Type 1	•**	•**
EN 1300 Class B		
VdS Class 2		
A2P Class B/E		
SBSC		
RoHS Compliant	•	•
Single Control	•	•
Dual Control	•	•
Manager/Employee	•	•
One Time Code Operation (Service Mode)	•	
Time Lock Management		•
Manual Secure (0,0,#)	•	•
Management Reset Code (MRC)		•
Total Number of Codes*	18	100
Audit Trail	400 events (order 3103-095)	1,000 events (order 3103-095)
Audit Download	Dallas iButton®	USB Flash Drive
Email Capability for Audit Events		•
Penalty Lockout	•	•
Time Delay	1-99 minutes	1-99 minutes
Time Delay Override Code	•	•
Bolt Position Indicator (BPI)	•	•
Duress Capability	Order 6102-090	Order 3001-001
Warranty	2 years	2 years
Push/Pull (Motor Lock)	Powered by Model 6129**	Powered by Model 3029**

Dallas iButton® Red Key Fob

USB Flash Drive

* Total number of codes includes programmer, manager, and user codes. Refer to product's operating instructions for breakdown of available codes
** Certification are based on lock powering the unit

Keypads for Electronic Locks

Bright Brass One-Battery Keypad

Bright Chrome One-Battery Keypad

Satin Chrome One-Battery Keypad

Black Platinum One-Battery Keypad

One-Battery Keypads

The one-battery keypad is ideal for use with Models 6120, Titan PivotBolt, and Spartan PivotBolt. The battery is kept in an easy-to-access battery compartment at the base of the keypad to allow for a quick and easy battery change. Available in lighted and unlighted keypad versions.

Part Numbers

Order No.	Finish	Lighted
6120-210	Bright Chrome	No
6120-211	Bright Brass	No
6120-216	Black Platinum	No
6120-234	Bright Chrome	Yes
6120-235	Bright Brass	Yes
6120-239	Satin Chrome	Yes
6120-240	Black Platinum	Yes

Bright Chrome Low-Profile Keypad

Low-Profile Keypad

Ideal for applications where mounting space is limited, the low-profile keypad is only 1" high (25.4mm) and smaller in diameter (3 ¾" or 95.2mm) compared to other S&G keypads. The low-profile, non-rotating keypad was designed for use with Models 6120, Titan™ PivotBolt and Spartan™ PivotBolt. The battery is kept in an easy-to-access battery compartment near the top of the keypad.

Order No.	Finish	Lighted
6130-400	Bright Chrome	No

Two-Battery Keypads

The two-battery keypad is a premium metal input device offering several high-grade finishes. The keypad snaps onto a non-metallic base featuring an aesthetic and functional reveal.

The standard two-battery keypad is unlighted and is often used with Models 6120, 6124, and Titan PivotBolt locks.

Part Numbers

Order No.	Finish
6120-010	Bright Brass
6120-012	Bright Chrome
6120-014	Matte Black
6120-016	Satin Chrome
6120-045	24K Gold

The 6120-016 (also known as the 61KP-105) two-battery keypad is recommended for use with Models 6124, 6125, 6128, and 6129 locks. This keypad should also be paired with the Model 6140 door lock.

Bright Brass Two-Battery Keypad

Bright Chrome Two-Battery Keypad

Satin Chrome Two-Battery Keypad

24K Gold Two-Battery Keypad

Matte Black Two-Battery Keypad

Keypads for Electronic Locks

Direct Drive Keypad

The Direct Drive keypad is required for the Titan™ and Spartan™ Direct Drive locks as it integrates with the lock to manually control the locking bolt. Lock bolt retraction and extension is performed by turning the keypad via it's unique Sure Grip keypad ring. This small diameter (3 ¾" or 95.2mm), rotating keypad is only 1" (25.4mm) high, and will fit most safes, even when mounting space is limited. The battery is kept in an easy-to-access battery compartment near the top of the keypad. Available in lighted and unlighted versions.

Order No.	Finish	Lighted	Top Button Color
6130-200	Bright Chrome	No	Blue
6130-312	Bright Chrome	Yes	Blue
6130-316	Bright Brass	Yes	Black
6130-317	Black Platinum	Yes	Black

Bright Chrome Two-Battery Direct Drive Keypad   Bright Brass Two-Battery Direct Drive Keypad   Black Platinum Two-Battery Direct Drive Keypad

Bright Chrome Digital Keypad

Bright Chrome Digital Keypad with Display

Digital Keypad / Digital Keypad with Display

The all-metal Digital Keypads were designed to enhance user experience. Available with or without a display, these easy-to-use keypads feature a unique USB drive, providing users a more robust method for securely transferring audit data. The keypads also feature three indicator lights, making it easier to communicate lock status to the user. Batteries are accessible at the base of the keypad making battery changes quick and easy.

Digital Keypad with Display features a 30-character display screen with E-Ink technology that provides high visibility and contrast, a wide viewing angle, and low power requirements. The display features universally recognized icons to make communicating with the lock intuitive, regardless of user's native language or technical background.

Digital Keypads are compatible with all S&G Digital Platform products.

Order No.	Finish	Display
31KP-100	Bright Chrome	No
31KP-200	Bright Chrome	Yes

Electronic Safe Lock Accessories

• **Analog Compatible**   • **Digital Platform Compatible**

Long Cables (Keypad to Lock) •
6120-050 7.87" (20 cm) long cable extension.
6120-057 23.62" (60 cm) long cable extension.
Kits include wire ties and heat-shrink tubing to provide secure, trouble free connections. Not for Direct Drive locks.

Bolt Position Indicator (BPI) ••
2006-201 Bolt Position Indicator (BPI) is a special single pole, double throw switch design to fit into an existing cavity in the lock body. The color-coded leads are connected to the BPI swtich, allowing the lock to trigger alarms, CCTV recorders, and other relay activated devices. Compatible with Titan, Spartan, and Digital Platform locks.

Titan Wings •
2004-700 The Titan Wings allow you to add extra bolt work attachment points to any Titan Direct Drive lock. This accessory is ideal for lightweight safes without bolt control handles, and it pushes/pulls 2.5 pounds, (11.12 Newtons). The part number 2004-700 is for a pair of wings.

Duress •
6102-090 The duress closes or opens an alarm circuit when the lock's code is entered one number higher on the last code digit. It requires connection to an existing alarm system. The duress is used with a properly configured 6124, 6125, and Titan locks.
6102-100 This is the same duress feature as the 6102-090, but it also has remote enable. A 5 to 12 VDC input from any source will either enable or disable the lock, based on how the selector switched is set.

Alarm Module •
6102-025 The Alarm Module is designed for demanding commercial applications. Its features include duress, tamper, door switch monitoring, bolt position indication, and remote enable. These features can be monitored and/or controlled through a connected central monitoring station. This module works with S&G lock models 6124, 6125, 6128, 6129, and Titan locks.

Digital Keypad with Display Kit •
31KP-201-000 Includes bezel, display keypad membrane, keypad base
31KP-100 Includes bezel, keypad membrane, keypad base

Electronic Safe Lock Accessories

• **Analog Compatible**   • **Digital Platform Compatible**

Alarm Cable Kit •
3000-001 The Alarm Cable supplies direct power, provides remote enable/disable of the lock, and adds duress capability. It can be used on any Digital Platform product if manufactured after January 1, 2018.

Power Out Cable Kit •
3000-003 The Power Out Cable supplies direct power, provides remote enable/disable of the lock, and adds the ability to control a second lock.

Aluminum Spindle ••
For use with Titan Direct Drive, Spartan Direct Drive, and Digital Platform locks
2004-500 8-inch (20.3mm) aluminum spindle
2003-018-036000 1M aluminum spindle

Extension cables - 1M •
3000-015-004 Round USB cable that will connect the keypad to the lock.

*If a longer USB cable is needed (2M or 3M), please contact your Sargent and Greenleaf account manager or customer service.

Digital Hood Defense •
S104-100 Secures ATMs against malware and jackpotting attacks by adding additional protection to the hood/top hat.   Compatible with all Digital Platform locks. Kit contains Model 1004 lock and power out cable.

Key Fobs ••
6104-006 Red Key Fob – use for administrative functions including initializing, audit trails, and uninstalling locks. Works with Model 6128, 6129, 3000-200 Series Digital Platform locks.
6104-005 Black Key Fob – used for everyday entry into a secured area. Works with Model 6128, 6129, 3000-200 Series Digital Platform locks.

USB Flash Drive •
3103-130 Blank USB that is compatible with all 3000-Series Digital Platform locks.

Mechanical Locks

Our mechanical safe locks build on decades of quality and craftsmanship. Proven and dependable in the most demanding applications, Sargent and Greenleaf mechanical safe locks set the standard.

SARGENT AND GREENLEAF®

Combination Locks
Features Comparison Chart

	Model 6730	Model 6731	Model 6741	Model 6630	Model 6631	Model 6651	Model 8550	Model 8560	Model 8410/8415	Model 8430/8435
UL Listed Group 2	•	•	•							
UL/ULC Listed Group 2M				•	•	•				
UL/ULC Listed Group 1							•		•	
UL/ULC Listed Group 1R								•		•
VdS Class 1	•		•			•				
VdS Class 2		•		•				•		
CEN A	•		•			•				
CEN B		•		•				•		
CNPP A2P			A/E			A/E	B/E			
SBSC								•		
China CCC	•	•								
RoHS2 Compliant	•	•	•	•	•	•	•	•	•	•
Number of Wheels	3	4	3	3	4	3	3	3	3	3
Theoretical Combinations Available	1,000,000	100,000,000	1,000,000	1,000,000	100,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Typical Dialing Tolerance	+/- 1.25	+/- 1.5	+/- 1.25	+/- 1.25	+/- 1.5	+/- 1.25	+/- 1.0	+/- 1.0	+/- 1.0	+/- 1.0
Wheel Center Material	Brass	Brass	Zamak	Brass	Brass	Zamak	Brass	Brass	Brass	Brass
Wheel Case Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Acetal Resin	Aluminum	Acetal Resin
Bolt Material	Brass	Brass	Zamak	Brass	Brass	Zamak	Brass	Brass	Brass	Brass
Cam Material	Brass	Brass	Zamak	Brass	Brass	Zamak	Brass	Brass	Brass	Brass
Locking Lever	2	2	2	2	2	1	2	8	2	8
False Gates	No	No	No	Yes	Yes	Yes	Yes	No	No	No
Torque Adjuster	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes

Combination Lock Kits supplied with door thickness / spindle length 3.406" / 2.321". Longer lengths available upon request.

* Typical dialing tolerance is what you would expect to experience in an installed lock. Theoretical dialing tolerance is always slightly greater (usually about +/- 0.4 numbers greater).

**Most combination locks available with drilled and tapped holes in the bolt upon request

Group 1: 20 hours of resistance to expert or professional manipulation

Group 1R: 20 hours of resistance to expert or professional manipulation, 20 hours radiological attack

Group 2M: 2 hours of resistance to expert or professional manipulation

Group 2: moderate degree of resistance to unauthorized opening

Group 2 Mechanical Safe Locks

Protect gun safes, bank safes, and other high demand commercial applications with the mechanical lock that set the industry's Group 2 standard. Choose the 6730 Series for frequent combination changes, or Model 6741 for a more economical format.

Model 6730 Dial and RIng

Model 6730 Lock Body

Model 6741 Lock Body

6730 Series

Key Features

Model 6730 three-wheel design provides 1,000,000 theoretical combinations

Model 6731 four-wheel design provides 100,000,000 theoretical combinations

Familiar left-right-left dialing

All brass and aluminum critical components

Key-changeable wheel design

Internal relock trigger

Unique torque adjuster

Compatible with S&G Group 2 and 2M dial and rings

Model 6741

Key Features

Three-wheel design provides 1,000,000 theoretical combinations

Familiar left-right-left dialing

Zamak and aluminum critical components

Die cast push-pull lever with wider dialing tolerances

Key-changeable wheel design

Internal relock trigger

Compatible with S&G Group 2 and 2M dial and rings

Part Numbers

Order No.	Type	Number of Wheels	Dial	Ring	Dial Type	Finish
6730-100	Kit	3	D300	R211	Front Reading	Black and White
6730-101	Kit	3	D003	R004	Front Reading	Black and White
6730-102	Kit	3	D220	R167	Spy-Proof®	Black and White
6730-103	Kit	3	D690	R211	Front Reading, Key Locking	Black and White
6730-112	Kit	3	D225	R187	Spy Proof, Key Locking	Black and White
6730-113	Kit	3	D022	R162	Small Knob, Spy Proof	Black and White
6731-111	Kit	4	D225	R167	Spy Proof, Key Locking	Black and White
6730-010	Lock Body	3				
6731-004	Lock Body	4				
6741-106	Kit	3	D300	R211	Front Reading	Black and White
6741-117	Kit	3	D300	R211	Front Reading	Satin Chrome
6741-002	Lock Body	3				

Kits include lock body (no holes in bolt), dial, and ring

Group 2M Mechanical Safe Lock

Based on Model 6730, the 6630 Series provides additional innovative features to outperform the industry's 2M standard for demanding commercial applications. Model 6651's streamlined format meets reliability and security standards at a more accessible price point.

6630 Series Lock Body

Model 6651 Lock Body

6630 Series

Key Features

Model 6630 three-wheel design provides 1,000,000 theoretical combinations

Model 6631 four-wheel design provides 100,000,000 theoretical combinations

Familiar left-right-left dialing

All brass and aluminum critical components

Key-changeable wheel design

Internal relock trigger

Unique torque adjuster

False wheel gates

Eccentric Roller in the lever nose

Compatible with S&G Group 2 and 2M dial and rings

Model 6651

Key Features

Three-wheel design provides 1,000,000 theoretical combinations

Familiar left-right-left dialing

Zamak and aluminum critical components

Die cast push-pull lever with wider dialing tolerances

Eccentric Roller in the lever nose

Key-changeable wheel design

Internal relock trigger

False wheel gate

Compatible with S&G Group 2 and 2M dial and rings

Part Numbers

Order No.	Type	Number of Wheels	Notes
6630-010	Lock Body	3	
6631-004	Lock Body	4	
6651-013	Lock Body	3	Includes metric screws; bulk pack of 25

Dials and Rings for Group 2 and 2M Safe Locks

Group 1 and 1R Mechanical Safe Locks

8400 Series Locks are the direct descendant of the original MP Manipulation Proof® combination lock, designed and constructed to perform the most demanding applications including high value safes and jewelry safes. Tested against expert manipulation and designed with three combination wheels, you can count on the 8400 Series to provide the higher security you need.

D003-003

Part Numbers

Dial	Ring	Finish	Max. Door Thickness	Description
D220-014	R167-002	Black and White	3.406″	Spy-Proof™, splined on 50
D220-057	R167-002	Black and White	4.500″	Spy-Proof™, splined on 50
D220-182	R167-002	Black and White	6.000″	Spy-Proof™, splined on 50
D220-198	R167-002	Black and White	7.500″	Spy-Proof™, splined on 50
D220-017	R167-014	Satin Chrome	3.406″	Spy-Proof™, splined on 50
D220-011	R167-006	Bright Chrome	3.406″	Spy-Proof™, splined on 50
D220-164	R167-025	Bright Brass	3.406″	Spy-Proof™, splined on 50
D225-008	R167-002	Black and White	3.406″	Spy Proof™, key-locking, splined on 41
D225-014	R167-014	Satin Chrome	3.406″	Spy Proof™, key-locking, splined on 41
D225-084	R167-016	Satin Nickel	6.000″	Spy Proof™, key-locking, splined on 50
D300-016	R211-002	Black and White	3.406″	Front-Reading, splined on 41
D300-101	R211-002	Black and White	6.000″	Front-Reading, splined on 50
D300-160	R211-002	Black and White	6.500″	Front-Reading, splined on 50
D300-021	R211-004	Satin Chrome	3.406″	Front-Reading, splined on 41
D690-007	R211-002	Black and White	3.406″	Front-reading, key-locking, splined on 41
D690-012	R211-004	Satin Chrome	3.406″	Front-reading, key-locking, splined on 41
D003-003	R004-002	Black and White	3.406″	Front-reading, small knob, splined to 50
D022-017	R167-002	Black and White	4.500″	Spy-Proof™, small knob, splined to 50
D052-005	R132-020	Satin Chrome	3.406″	Spy-Proof™, splined on 50
D052-008	R132-020	Satin Chrome	3.406″	Dial and Ring Kit, Spy-Proof™, splined to 50
D112-002	R162-002	Black and White	3.406″	Spy-Proof™, key-locking, key-retaining

D112-002

Combination locks that are splined on 41, have a forbidden zone of 90 to 10 and those splined on 50 have a forbidden zone of 0 to 20.

Finishes (matte black, black platinum, bright brass, satin brass, 24K gold) spindle lengths, and spindle splining locations other than those listed may be special ordered.

Dials and Rings are ordered separately.

D220-164

D225-014

8400 Series

Key Features

Manipulation resistance tested and verified by Underwriters Laboratories to exceed 20 man-hours

Three-wheel design provides 1,000,000 theoretical combinations

All brass and aluminum critical components

Model 8430 and 8435 has acetal resin wheels for x-ray protection

Key-changeable wheel design

Internal relock trigger

Unique torque adjuster

Centi-Spline dials

8400 Series Dial and Ring

Part Numbers

Order No.	Type	Number of Wheels	Wheel Type	Dial	Ring	Dial Type	Finish	UL Rating
8410-100	Kit	3	Metal	D041	R162	Spy-Proof	Black and White	UL Listed Group 1
8430-101	Kit	3	Acetal Resin	D041	R162	Spy-Proof	Black and White	UL Listed Group 1R
8410-009	Lock Body	3	Metal					UL Listed Group 1 MP
8415-002	Lock Body	3	Metal					UL Listed Group 1 MP with tube for insulated safe applications
8430-A	Lock Body	3	Acetal Resin					UL Listed Group 1R
8435-106	Lock Body	3	Acetal Resin					UL Listed Group 1 MP with tube for insulated safe applications

Parts and Accessories Part Numbers

U14	Inner Spindle	3.406″ (86mm) max door thickness
U18	Spline Key	
U22	Driver Cam	

Dials and Rings Part Numbers

Dial	Ring	Type	Finish	Notes
D041-010	R162-002	Spy-Proof™ Centi-Spline	Black and White	Order ring separately

8400 Series Lock Body

Group 1 and 1R Mechanical Safe Lock

Tested against expert manipulation and designed with three combination wheels, you can count on the easy-to-use 8500 Series to provide the higher security you need for high value safes and vaults.

8500 Series Dial and RIng

8500 Series

Key Features

Manipulation resistance tested and verified by Underwriters Laboratories to exceed 20 man-hours

Model 8560 tested against 20 man-hours of radiological imaging attacks by Underwriters Laboratories

Three-wheel design provides 1,000,000 theoretical combinations

Familiar left-right-left dialing with push to open

All brass and aluminum critical components

Model 8560 has acetal resin wheels for x-ray protection

Key-changeable wheel design

Internal relock trigger

Unique torque adjuster

Part Numbers

Order No.	Type	Number of Wheels	Wheel Type	Dial	Ring	Dial Type	Finish	UL Rating
8550-100	Kit	3	Metal	D054	R162	Spy-Proof™	Black and White	UL Listed Group 1
8560-100	Kit	3	Acetal Resin	D054	R162	Spy-Proof™	Black and White	UL Listed Group 1R
8550-003	Lock Body	3	Metal					UL Listed Group 1
8560-004	Lock Body	3	Acetal Resin					UL Listed Group 1R

Parts and Accessories Part Numbers

D054-004	R162-002	Spy-Proof™	Black and White	Order ring separately
D540-004	R167-002	Spy-Proof™	Black and White	Order ring separately
D540-006	R167-014	Spy-Proof™	Satin Chrome	Order ring separately

Model 8500 Lock Body

Group 1 Mechanical Safe Lock

Built to provide high-level security for government and defense industry applications, Model 2937 protects field safes and armory vault doors.

Model 2937

Key Features

Meets Federal Specification FF-L-2937

Three all-metal wheel design provides 1,000,000 theoretical combinations

Manipulation resistance tested and verified by Underwriters Laboratories to exceed 20 man-hours

Dial spindle incorporates carbide barrier pins and a shear line to control the point of separation

Standard left-right-left dialing with push to open

Internal relock trigger

Key-changeable wheel design

Unique torque adjuster

Integral thermal relock component

Stainless steel bolt withstands 600lbs of side and end bolt pressure

Drilled and tapped holes in the bolt

National Stock Number:

5340-01-566-7405 (DLA)

Model 2937 Dial and RIng

Part Numbers

Order No.	Type	Description
2937-200	Kit	
2937-002	Accessory	Spy-proof dial only
2937-003	Accessory	Dial ring and dust cover
2937-004	Accessory	Dust cover only

Kit includes lock, dial, ring, standard-length bolt, and an extra short, drilled and tapped lock bolt for Mosler retrofit applications.
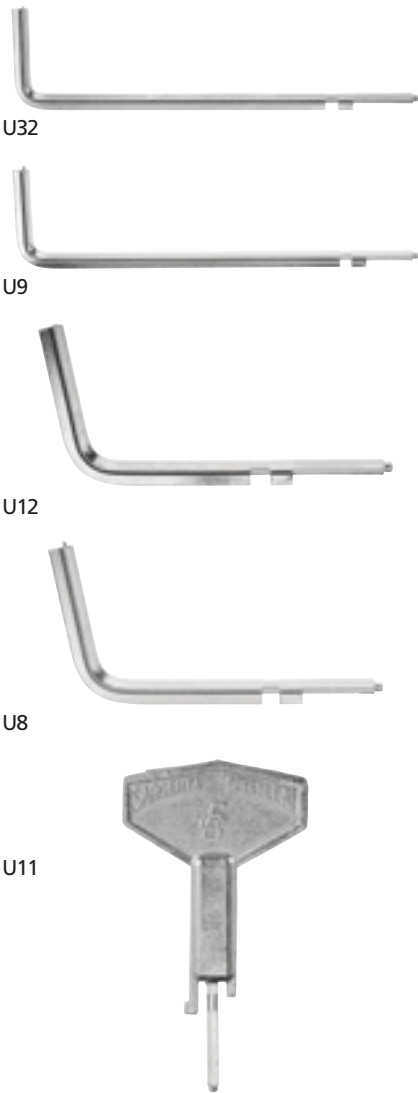
Model 2937 Lock Body

Mechanical Locks Accessories

Change Keys

U32 Long Four-Wheel Change Key
U9 Long Three-Wheel Change Key
U12 Standard Four-Wheel change Key
U8 Standard Three-Wheel Change Key
U11 Vault Lock change Key - regular change key for all S&G vault locks with four wheels made after 1956.

U32

U9

U12

U8

U11

Bolts

6730-003-140 Extra Long Brass Bolt - Extends 2.461" (62.5 mm) from end of lock case when locked, 2.109" (53.6 mm) from case when unlocked.

6730-003-074 Long Brass Bolt - Extends 0.961" (24.4 mm) from end of lock case when locked, 0.609" (15.5 mm) from case when unlocked.

6730-003-069 Standard Brass Bolt - Extends 0.461" (11.7 mm) from end of lock case when locked, 0.109" (2.8 mm) from case when unlocked.

6730-003-166 Metric Tapped Brass Bolt - Extends 0.461" (11.7 mm) from end of lock case when locked, 0.109" (2.8 mm) from case when unlocked. Bolt is drilled and tapped to a depth of 10 mm for two 4 mm - .7 machine screws.

6730-003-167 Short Tapped Brass Bolt - Extends 0.352" (8.9 mm) from end of lock case when locked. Retracts flush to lock case. Bolt is drilled and tapped to a depth of 3/8" (9.5 mm) for two 10-32 machine screws.

2937-003-166 Short Tapped Stainless-Steel Bolt - Extends 0.352" (8.9 mm) from end of lock case when locked. Retracts flush to lock case. Bolt is drilled and tapped to a depth of 3/8" (9.5 mm) for two 10-32 machine screws.

6730-003-140

6730-003-074

6730-003-069

6730-003-166

6730-003-167

2937-003-166

U17

U18

U19

Spline Keys

U17 Standard Spline Key - For 6700 and 8500 series locks.

U18 Spline Key - For 8400 series locks only.

U19 Vault Lock Spline Key - For 6400 and 6500 series vault locks manufactured after 1956.

*Spline keys should be replaced with new whenever removed. Spline keys are solid brass.

Dial Ring Bearing

7600-002 Dial Ring Bearing - The Delrin® bearing inserts into the back of all S&G® dial rings (except when used with D112 dials) to provide a bearing surface for the dial as it rotates within the ring.

*Delrin® is a registered trademark of Dupont
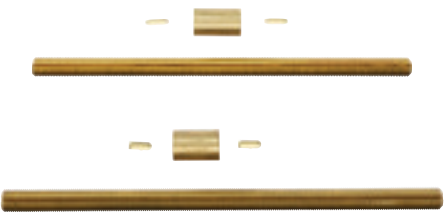
Spindle Extension Kits

Used to add spindle length for thick safe or vault doors. Make sure the existing spindle hole is large enough to accommodate the kit's connecting collar. Spindle, extension collar, and spline keys are included in the kit.

7312-003 For locks using 5/16"-40 X 6" (152.4 mm) spindles. Kit includes a .450" (11.4 mm) diameter collar.

7312-005 For mechanical vault locks. 3/8"-30 X 7" (177.8 mm) kit with .510" (13 mm) diameter collar.

Key Cylinder

7600-005 Disc tumbler cylinder for rekeying or repairing key locking, convertible style dials, or to convert nonkey locking dials to the key locking function. This cylinder uses a standard Y13 keyway and five brass discs. When the cylinder is pushed into the dial, a spring-loaded brass retainer snaps into position to hold the cylinder in place. Order insert 7600-003 separately for conversions. Keyed different only, with two keys per cylinder.

Dial Inserts

These metallic, self-stick inserts are used with all large knob, convertible S&G® dials.

7600-003 For all large knob, convertible dials that do incorporate a lock cylinder.

7600-004 For all large knob, convertible dials that do not incorporate a lock cylinder.

Time Locks

Since we pioneered time locks in 1874, Sargent and Greenleaf has led the industry in precision movement security. Designed for vault doors and other high-security containers, our modern time locks continue to offer dependable, accurate, stand-alone security.

3-Movement Time Lock

2-Movement Time Lock

Time Locks

Key Features

Three-movement time locks offer double-redundancy

Two-movement time locks offer single-redundancy

Movements are precision 13-jewel Swiss mechanisms

Model 6370 features display window with integrated individual time movement magnifiers

Includes time lock winding chart for simplified time setting

Time Lock Part Numbers

Order No.	Type	Movements	Description
6370-004	Three Movement	144 Hour Standard	Standard movements cannot be back-wound if overset
6370-005	Three Movement	144 Hour Reset	Reset movements can be back-wound if overset
6370-006	Three Movement	144 Hour Snap-Action	Snap-Action movements can be back-wound if overset
6370-009	Three Movement	168 Hour Reset	Reset Movements can be back-wound if overset
6280-004	Two Movement	144 Hour Standard	Standard movements cannot be back-wound if overset
6280-005	Two Movement	144 Hour Reset	Reset movements can be back-wound if overset
6280-006	Two Movement	144 Hour Snap-Action	Snap-Action movements can be back-wound if overset

Time Movement Part Numbers

Order No.	Type	Description
6242-001	Standard Time Lock Movement	Gradual unlocking device that cannot be back-wound. Can be set up to 144 hours.
6242-002	Reset Time Movement	Gradual unlocking device that can be back-wound. Can be set up to 144 hours.
6242-003	Snap-Action Time Movement	Instant unlocking device that can be back-wound. Can be set up to 144 hours
6242-409-004006	Reset Round Bottom Time Movement	Gradual unlocking device that can be back-wound. Can be set up to 168 hours. Not recommended for two-movement time lock case.
6242-004	Filler Block	Use in one position of a three-movement time lock case if only two movements are used. Center position is recommended
6242-005	Winding Key	Used to wind all S&G time lock movement
6260-000-100-000	Winding Chart	Used to simplify time setting
N9-001	Frame	Frame for three-movement time lock
N11	Frame	Frame for two-movement time lock

Standard Time Lock Movement

Reset Time Lock Movement

Snap-Action Time Lock Movement

Reset Round Bottom Time Lock Movement

Filler Block

Time Lock Winding Key

Mechanical Vault Locks

For more than fifty years, Sargent and Greenleaf's mechanical vault locks have set industry standards for security, durability, and performance. Designed specifically for vault doors, our mechanical vault locks incorporate advanced attack resistance and are built for heavy use and long product life.

Vault Lock Dial in Black and White

Vault Lock Dial in Satin Chrome

Mechanical Vault Locks

Key Features

Extra heavy-duty construction for long life and exceptional durability in vault applications.

Four brass and aluminum combination wheels provide 100,000,000 theoretical combinations.

Ultra-dependable gravity activated lever allows the lock to be mounted right-hand or left-hand.

Part Numbers

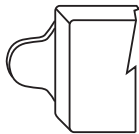| Order Number	Bolt Style	Hand of Lock	U.L. Listing	Drive	Notes
6430-002	Square	Right-hand only	Group 2M RC	Direct	
6430-003	Square	Left-hand only	Group 2M RC	Direct	
6430-004	Center Extension	Right-hand only	Group 2M RC	Direct	
6430-005	Center Extension	Left-hand only	Group 2M RC	Direct	
6435-003	Square	Right-hand only	Group 1	Indirect	Field configured for center, upper, or lower drive
6435-004	Square	Left-hand only	Group 1	Indirect	Field configured for center, upper, or lower drive
6435-005	Center Extension	Right-hand only	Group 1	Indirect	Field configured for center, upper, or lower drive
6435-006	Center Extension	Left-hand only	Group 1	Indirect	Field configured for center, upper, or lower drive
6435-008	Roller	Left-hand only	Group 1	Indirect	Field configured for center, upper, or lower drive
6435-009	Upper Extension	Right-hand only	Group 1	Indirect	Field configured for center, upper, or lower drive
6530-001	Center Extension	Reversible	Group 2	Direct	Field configurable for left-hand or right-hand mounting
6530-002	Roller	Reversible	Group 2	Direct	Field configurable for left-hand or right-hand mounting
6530-003	Square	Reversible	Group 2	Direct	Field configurable for left-hand or right-hand mounting
6535-002	Roller	Reversible	Group 2	Indirect	Field changeable for handing and type of indirect drive
6535-005	Upper Extension	Reversible	Group 2	Indirect	Field changeable for handing and type of indirect drive
6535-007	Center Extension	Reversible	Group 2	Indirect	Field changeable for handing and type of indirect drive
6535-010	Square	Reversible	Group 2	Indirect	Field changeable for handing and type of indirect drive

Vault Lock Dials and Rings

Dial	Ring	Dial Finish	Max. Door Thickness	Notes
D240-003	R167-002	Black and White	6.500" (165.1mm)	Spy-Proof®, key locking, splined on 60
D240-007	R167-014	Satin Chrome	6.500" (165.1 mm)	Spy-Proof®, key locking, splined on 60

Drive Configurations

In a direct drive vault lock the dial spindle enters the lock case directly. In an indirect drive vault lock the dial spindle attaches to a drive gear located outside the lock case, so that the dial is not directly in line with the lock case, but above, below, or to one side of the case. The drawings below illustrate the three indirect drive configurations.
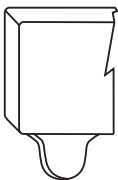
BOTTOM INDIRECT DRIVE   CENTER INDIRECT DRIVE   TOP INDIRECT DRIVE
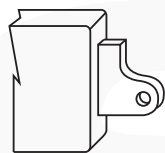
Vault Lock Body

Bolt Variations

Vault locks can be equipped with one of five different bolts. The three extension models are designed to attach directly to boltwork or a blocking bar. The standard square bolt is used to block moving boltwork. The roller bolt, seldom used today, opens to provide a path into the lock case into which a boltwork extension can move. The five bolt configurations are illustrated below.
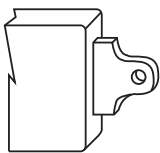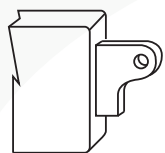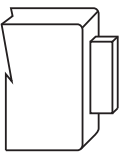
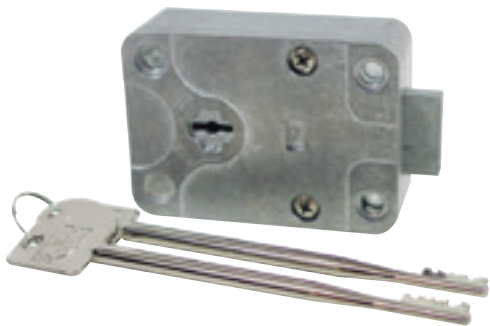CENTER EXTENSION   UPPER EXTENSION   LOWER EXTENSION

STANDARD SQUARE BOLT   ROLLER BOLT

6800 Series Key Operated Locks

6800 Series Key Operated Locks feature an opposing lever design for a higher level of security and pick resistance. 6800 Series locks are ideal for high security safes and ATMs.

Models 6870 and 6880

Key Features

Double-bitted lock with nine opposing brass levers

Key-retaining design

Unique design mechanism permits changing to new key in seconds without disassembling the lock

Same mounting footprint as standard size combination locks, with the key hole in the same place as the spindle hole

Keys available in four different lengths

Underwriters Laboratories Listed under Standard 437 as a Security Container Lock

6800 Series Key Operated Lock and Key

Locks with Keys Part Numbers

Order No.	Key Included	Notes
6870-016	3	2.26" (57.4 mm) max. door thickness
6870-008	2	4.22" (107.1 mm) max. door thickness
6870-028	4	4.22" (107.1 mm) max. door thickness
6880-166-902501	2	3.24" (82.4 mm) max. door thickness

Kits include 6-digit cut key code

Cut Key Sets Part Numbers

Two Key Set	Three Key Set	Four Key Set	Notes
6870-112	6870-113	6870-114	2.26" (57.4 mm) max. door thickness
6870-132	6870-133	6870-134	4.22" (107.1 mm) max. door thickness
6880-452	6880-453	6880-454	1.47" (37.4 mm) max. door thickness
6880-902	6880-903	6880-904	3.24" (82.4 mm) max. door thickness
6880-652	6880-653	6880-654	2.26" (57.4 mm) max. door thickness
6880-152	6880-153	6880-154	4.22" (107.1 mm) max, door thickness

6870 cut key sets ship with cut code tag
6880 cut key sets do not ship with cut code tag

Detachable Bits and Stems Part Numbers

Order No.	Type	Notes
6870-201	Blank Key Bit	Uncut detachable bit for use with key stem below
6870-200	Key Stem	7.57" (192.3 mm) max. door thickness
6880-302	Cut Key Bits	Set of 2
6880-300	Blank Key Bit	
6880-313	Key Stem	130MM Key Stem
6880-360	Key Stem	360MM Key Stem

Other key stem lengths available upon request

Key Blanks Part Numbers

Order No.	Length	Notes
6870-110P	115 mm	2.26" (57.4 mm) max. door thickness
6870-130P	90 mm	4.22 (107.1 mm) max. door thickness

Key Blanks may be used for 6870 and 6880 Locks

Accessories Part Numbers

Order No.	Type	Notes
6870-370	Key Guide Tube	Requires 5/8" (0.625" or 15.9mm) hole through the safe door and an escutcheon. Tube is 1 meter and can be cut to desired length
6880-500	Escutcheon	Escutcheon without cover
6880-501	Escutcheon	Escutcheon with cover
6880-510	Key Guide Tube	Requires 5/8" (0.625" or 15.9mm) hole through the safe door and an escutcheon. Tube is 1 meter and can be cut to desired length

Escutcheon with Cover

Escutcheon without Cover

Key Guide Tube

SARGENT AND GREENLEAF®

Safe Deposit Locks

Using only the highest-quality materials, S&G safe deposit locks are built to last. With flexible options and simple functionality, our safe deposit locks fit a wide variety of applications.

Safe Deposit Locks

S&G's family of safe deposit locks represent an industry standard trusted by financial institutions worldwide for over 90 years. Available in fixed or changeable lever designs with brass or nickel finishes.

4200 and 4400 Series Safe Deposit Locks

Key Features
Pick-resistant lever design resists advanced decoding techniques
Renter key retained when unlocked
Brass plated covers and plugs (nickel finish also available upon request)
Complies with Underwriters Laboratories Standard 437

4200/4400 Series Safe Deposit Lock

Part Numbers

Order No.	Lock Style	Renter Nose Diameter	Guard Nose Diameter	Hand of Lock	Nose Height	Guard Setting
4231-002	4231	.672" (17.1mm)	.672" (17.1mm)	Left-Hand	0.5" (12.7mm)	SY3
4231-008	4231	.672" (17.1mm)	.672" (17.1mm)	Right-Hand	0.5" (12.7mm)	SY3
4420-010	4420	.672" (17.1mm)	.672" (17.1mm)	Left-Hand	0.5" (12.7mm)	#4
4420-042	4420	.672" (17.1mm)	.672" (17.1mm)	Right-Hand	0.5" (12.7mm)	#4
4440-018	4440	.672" (17.1mm)	.672" (17.1mm)	Left-Hand	0.5" (12.7mm)	#4
4440-070	4440	.672" (17.1mm)	.672" (17.1mm)	Right-Hand	0.5" (12.7mm)	#4
4442-004	4442	.840" (21.3mm)	.672" (17.1mm)	Left-Hand	0.5" (12.7mm)	#4
4442-014	4442	.840" (21.3mm)	.672" (17.1mm)	Right-Hand	0.5" (12.7mm)	#4
4443-008	4443	.840" (21.3mm)	.840" (21.3mm)	Left-Hand	0.5" (12.7mm)	#4
4443-028	4443	.840" (21.3mm)	.840" (21.3mm)	Right-Hand	0.5" (12.7mm)	#4
4444-002	4444	.672" (17.1mm)	.672" (17.1mm)	Right-Hand Only	0.5" (12.7mm)	#4

Two matching renter keys are included with each lock (guard keys not provided)

4500 Series Safe Deposit Locks

Key Features
Available in changeable renter and changeable guard
Available in fixed renter and fixed guard
Centerline design allows the same lock to be mounted either left hand or right hand
Complies with Underwriters Laboratories Standard 437

4500 Series Safe Deposit Lock

Part Numbers

Order No.	Lock Style	Renter Nose Diameter	Guard Nose Diameter	Nose Height
4544-020	Centerline	.672" (17.1mm) – changeable	.672" (17.1mm) – changeable	3/8" (9.5mm)
4545-004	Centerline	.672" (17.1mm) – changeable	.672" (17.1mm) – changeable	½" (12.7mm)

Two matching renter keys are included with each lock (guard keys not provided)

4100 Series Cabinet Locks

Key Features
Single Nose changeable key cabinet locks
Four nose heights to accommodate different door thicknesses
Brass plated cover and plug (nickel finish also available upon request)
Centerline design allows the same lock to be mounted either left hand or right hand

4100 Series Cabinet Lock

Part Numbers

Order No.	Lock Style	Nose Height	Nose Diameter and Lever Type
4110-003	4100	1/8" (3.2mm)	.672 (17.1mm) – changeable
4111-003	4100	1/4" (6.4mm)	.672 (17.1mm) – changeable
4112-003	4100	3/8" (9.5mm)	.672 (17.1mm) – changeable
4113-003	4100	1/2" (12.7mm)	.672 (17.1mm) – changeable

Safe Deposit and Cabinet Lock Key Blanks

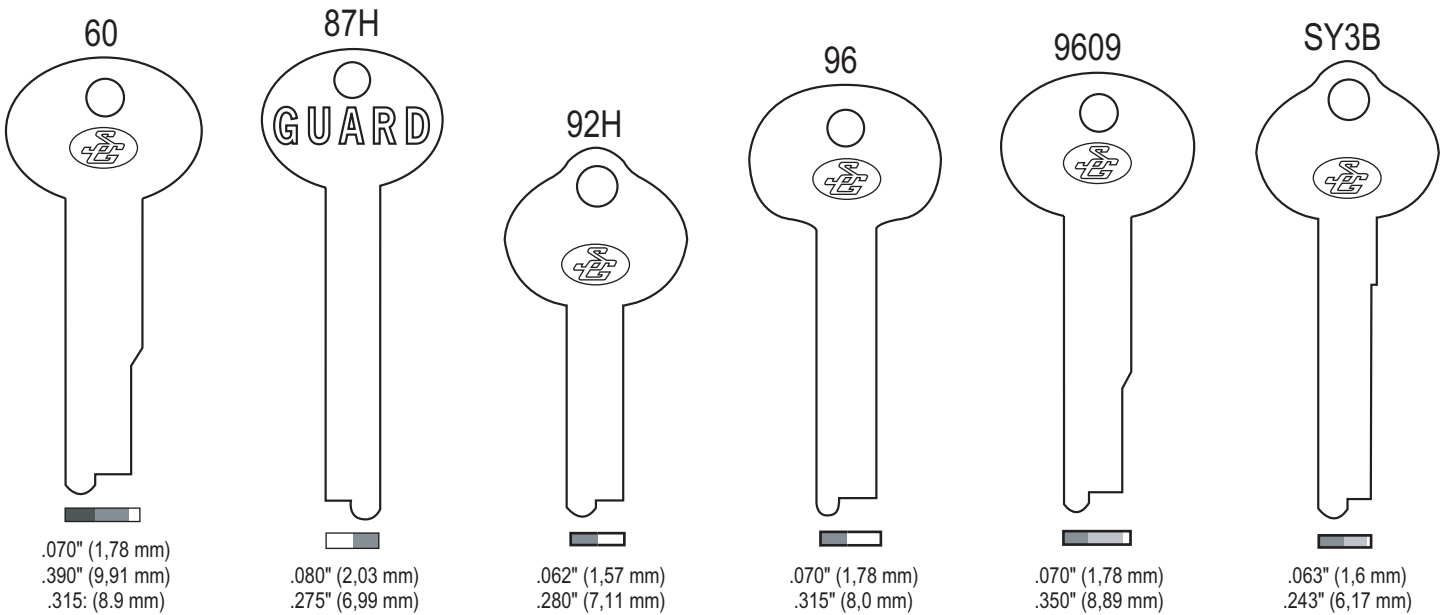Key Blanks

Key Blanks

Part Numbers

Order No.	Designation	Notes
9500-005	60	Used for renter key with 4442 and 4443 Series
9500-001	87H	Standard guard key blank 4420, 4440, 4442, 4444, 4500 Series
9500-016	92H	Used for R132 Series key locking dial ring
9500-003	96	Standard renter key blank for 4231, 4420, 4400, 4444, 4100, 4500 Series
9500-004	9609	Used for guard key with 4442 Series
9500-002	SY3B	Used for guard key with 4231 Series (Yale matchwork)

Silhouettes are slightly larger than actual size to allow you to lay a key on the drawing and see part of the line thickness around the edges. Cross sections are viewed as if looking from the bow of the key toward the tip, or as if looking at the keyway broaching. Shading indicates tip projection and any other blade width variations.

60
.070" (1,78 mm)
.390" (9,91 mm)
.315: (8.9 mm)

87H
.080" (2,03 mm)
.275" (6,99 mm)

92H
.062" (1,57 mm)
.280" (7,11 mm)

96
.070" (1,78 mm)
.315" (8,0 mm)

9609
.070" (1,78 mm)
.350" (8,89 mm)

SY3B
.063" (1,6 mm)
.243" (6,17 mm)

Padlocks

Specialized to fit the highest security and toughest environmental needs, Sargent and Greenleaf padlocks deliver tough, dependable security. Premium materials and advanced attack resistance make us industry leaders.

SARGENT AND GREENLEAF®

Environmental Padlocks

Used extensively in railroad, utility, construction, and refinery applications, Environmental Padlocks were designed with unique features to resist both physical and environmental attack. With advanced built-in security, self-cleaning design, and rugged construction, Environmental Padlocks perform in the most extreme climate.

Environmental Padlock
Picture shown is a cutaway for demonstration purposes

Environmental

Features

Available in two shackle sizes – 3/8" and 9/16" diameter

Dual deadlocking shackle to prevent shimming and shackle pulling

Self-cleaning cylinders to sweep dirt and grit with every key operation

Unique flow-through drain holes

Case-hardened (9/16") or stainless steel (3/8") shackle for saw and bolt-cutter attacks

Top-loaded cylinder can only be access when shackle is unlocked and open position

Electroless nickel plating inside and out to resist corrosion

Flourocarbon o-ring diverts water from cylinder

Powdered metal steel body built up around cylinder with narrow shoulder to reduce leverage points

Key retaining design

Part Numbers

Order No.	Shackle Diameter	Notes
81-002	9/16"	Includes 2 keyed different keys
83-185	3/8"	Includes 2 keyed different keys

Model 8077 Combination Padlock

Model 8077 Padlock meets Federal Specification FF-P-110J and is used in large quantities by government agencies to secure file cabinet locking bars and to protect access to IP junction boxes and network raceways. It was designed to resist surreptitious entry methods and show any signs of tampering.

Model 8077 Combination Padlock

Key Features

Meets Federal Specification FF-P-110J

30-minute protection against expert manipulation and 10-minute protection against surreptitious entry attack

Field changeable combination with change key

125,000 possible combinations

Dimensions and Specifications

CLEAR OPENING

DIMENSIONS AND SPECIFICATIONS
SHACKLE MATERIAL: CASE HARDENED STEEL
SHACKLE DIAMETER: 5/16 (8 MM)
CLEAR SHACKLE OPENING WHEN LOCKED: 7/8 (22 MM)
OVERALL DIMENSIONS: 4 5/32 (10,6 CM) HIGH
                    2 3/8 (6,0 CM) WIDE
                    1 31/32 (5,0 CM) DEEP
WEIGHT: 1.75 LBS. (0,8 KILOGRAMS)

Model 8077 Combination Padlock

National Stock Numbers:

5340 00 285 6523 (GSA)

5340 01 196 2568 (DLA)

5340 01 217 2009

Part Numbers

Order No.	Type	Dial	Shackle Material	Recommended Hasp Opening for Shackle
8077-108	Padlock	Black	Case Hardened Steel	3/8" (9.5mm)
8077-043	Accessory	Change Key	Replacement change key	

951C High Security Padlock

This rugged, key retaining padlock is built to conform to rigid specifications for indoor and outdoor high security applications. Model 951 is ideal for perimeter security and any location requiring a high degree of resistance to forced entry.

951C High Security Padlock

951C High Security Padlock

951C High Security Padlock

Key Features

Meets Federal Specification MIL-DTL-43607J

Easily field disassembled by use of a control key for service or rekeying

Equipped with commercially available, high security Medeco® key cylinder

Cast stainless steel body

Body and shackle incorporate exotic barrier materials for maximum resistance against cutting, drilling, and sawing

Shrouded shackle offers 5/8" (15.8mm) clear opening and provides a high degree of resistance against common wedging attacks

This is the commercial keyway (S1) version of the Model 951 padlock. Verify that it meets applicable security requirements before ordering.

Dimensions and Specifications

THROAT OPENING

CLEAR OPENING

DIMENSIONS AND SPECIFICATIONS
SHACKLE MATERIAL: HARDENED STEEL
SHACKLE DIAMETER: 1/2 (12.7 MM)
THROAT OPENING IN SHACKLE SHROUD: 3/4 (19 MM) WIDE
7/16 (11,1) HIGH
CLEAR SHACKLE OPENING WHEN LOCKED: 5/8 (15,8 MM)
OVERALL DIMENSIONS: 4 11/16 (11,9 CM) HIGH
2 3/4 (7,0 CM) WIDE
1 13/16 (4,4 CM) DEEP
WEIGHT: 4 LBS. (1,81 KILOGRAMS)
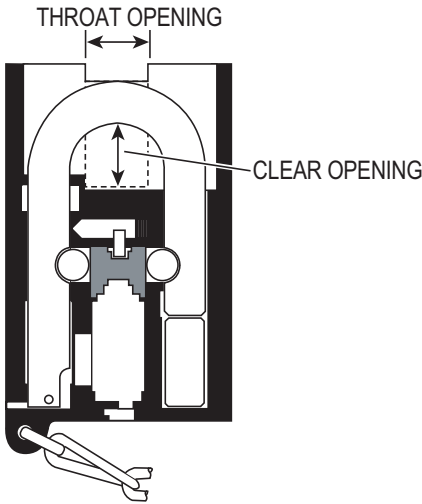
Part Numbers

Order No.	Type	Keying Information	Keys	Notes
951-009	Padlock	Keyed Different	1 control key, 2 operator keys	Includes attached chain and clevis

Specialty Products

Sargent and Greenleaf offers a unique array of high-security locking solutions, designed for durability and consistent performance. Matched to our other products, these options complete your S&G security solution.

SPECIALTY PRODUCTS

S&G 2890 Pedestrian Door Lock

The S&G 2890 is an integrated door lock designed to meet both the security and life safety demands of highly sensitive SCIF environments. Designed for single-motion egress, S&G 2890 provides intuitive and safe egress from inside secure rooms.

Model 2890 Exterior Handle

Model 2890

Key Features
Meets current 2890 Specification
Provides secure entry and life safety in one integrated solution
Designed for commercial application (400 Series) and Government application (500 Series)
500 series compatible with both GSA approved combination locks
400 Series compatible with a variety of UL-rated S&G locks
Available in six lock types including panic bar and lever handle versions
Levers tested to 1M cycles and panic bar tested to 500K cycles
Non-handed to accommodate a variety of applications
3-hour fire rating
5-year warranty when used with the S&G 2740B

Performance Certifications
NFPA 101 Life Safety
UL 305
BHMA
UL Fire 10B and 10C
Handle 1M cycles
Panic Bar 500K cycles

2890 Parts and Accessories

Order No.	Description	Notes
2890-601	Strike #1 Assembly Kit	Morticed strike plate for use with in-swing doors
2890-602	Strike #2 Assembly Kit	For use with most out-swing doors
2890-603	Strike #3 Assembly Kit	Inside frame mounted strike plate for in-swing doors
2890-609	Strike #9 Assembly Kit	For use with many double-doors
2890-614	Thick Door Spacers (2.00"-2.75")	Allows installation on doors thicker than 2"
2890-615	Thick Door Spacers (2.75"-3.5")	Allows installation on doors thicker than 2"
2890-636	Electronic Access Control Retrofit Kit	Includes all parts to add electronic access function
2890-640	Alarm Integration Kit	Includes sensors, cables, and mounting hardware to monitor lock status
2890-641	Alarm Integration Kit with Dial Rotation	Includes sensors, cables, and mounting hardware to monitor lock status including dial rotation

500 Series (GSA approved) Part Numbers

Order No.	Type	Lock	Application	Life Safety Exit	Access Control	Combination Lock Anti-Spinoff
2890-512	Type I	S&G 2740B	Office	Lever	Stand Alone Keypad	Key Cam Lock
2890-513	Type I	X-10	Office	Lever	Stand Alone Keypad	Key Cam Lock
2890-522	Type II	S&G 2740B	Office	Lever	Network Connected	Key Cam Lock
2890-523	Type II	X-10	Office	Lever	Network Connected	Key Cam Lock
2890-532	Type III	S&G 2740B	Conference Room	Panic Bar	Stand Alone Keypad	Key Cam Lock
2890-533	Type III	X-10	Conference Room	Panic Bar	Stand Alone Keypad	Key Cam Lock
2890-542	Type IV	S&G 2740B	Conference Room	Panic Bar	Network Connected	Key Cam Lock
2890-543	Type IV	X-10	Conference Room	Panic Bar	Network Connected	Key Cam Lock
2890-552	Type V	S&G 2740B	Storage Closet	Lever	N/A	Key Cam Lock
2890-553	Type V	X-10	Storage Closet	Lever	N/A	Key Cam Lock
2890-562	Type VI	S&G 2740B	Storage Closet	Lever	N/A	Keyless Thumbturn
2890-563	Type VI	X-10	Storage Closet	Lever	N/A	Keyless Thumbturn

All kits ship with a #2 strike; Type II kits also available with #3 strike
Kits also available with Alarm Integration Kit included
All 500 Series kits ship with either 2740B or X-10 lock

400 Series Part Numbers

Order No.	Type	Application	Life Safety Exit	Access Control	Interior Bolt Blocking on Retracted 2740B
2890-410	Type I	Office	Lever	Stand Alone Keypad	Key Cam Lock
2890-420	Type II	Office	Lever	Automated Reader	Key Cam Lock
2890-430	Type III	Conference Room	Panic Bar	Stand Alone Keypad	Key Cam Lock
2890-440	Type IV	Conference Room	Panic Bar	Automated Reader	Key Cam Lock
2890-450	Type V	Storage Closet	Lever	N/A	Key Cam Lock
2890-460	Type VI	Storage Closet	Lever	N/A	Keyless Thumbturn

Model 2890 Interior Handle   Model 2890 Interior Panic Bar

S&G 2740B High Security Electromechanical Safe Lock

S&G 2740B was designed to meet Federal Specification FF-L-2740B for combination locks designed to be mounted on GSA-approved security containers such as safes, security files, and vault doors to protect national security information.

S&G 2740B Dial and Ring

S&G 2740B Lock Body

Model 2740B

Key Features

Meets Federal Specification FF-L-2740B

Motor-blocking locking mechanism

Dial direct to combination numbers – no turns to count

Single brass spindle connects the dial to the lock. No tubes to cut and deburr and no cables

Change combination with provided change key

Two modes of operation: Single Control or Dual Control

Stainless steel lock bolt with drilled and tapped holes resists 600lbs of end and side load

Powered by long-life lithium battery power that exceeds normal operation of 20,000 cycles or 14 years

5-year warranty

National Stock Numbers

5340-01-613-2080 (GSA)

5340-01-628-4750 (DLA)

Part Numbers

Order No.	Notes
2740-400	Lock body, dial, ring, dust cover, change key
2740-402	Lock body and change key only
2740-105	Change key
2740-106	Dial with spindle (max. door thickness 3.875")
2740-107	Stainless steel spline key with mounting screw (5 each)
2740-444	444-device to reset the 2740B from lock-open-latch
2740-104	Spy-Proof™ dust cover with (pack of 12) mounting screws

Sliding Mechanical Deadbolts

Designed for easy installation and advanced attack protection, our sliding deadbolt locks are surface-mounted and include integrated hardened pins to resist sawing attacks.

1881 Deadbolt

Sliding Mechanical Deadbolts

Key Features

Full 1" (25.4mm) bolt throw

Can be secured in locked or unlocked position

Hardened steel bolt pins resists sawing and over 1 ton of thrust

Surface mount design for easy installation and suitability for a wide range of applications

Model 1881 will accept any 5/16" (8 mm) diameter shackle padlock such as S&G 8077AD

Model 1883 incorporates at 4-pin tumbler cylinder operated by keys cut on National D4291 blanks

National Stock Numbers

5340-01-210-5589

Part Numbers

Order No.	Type	Included Strike	Notes
1881-001	Kit	None	Requires padlock
1881-002	Kit	#12 Strike	Requires padlock
1881-003	Kit	#13 Strike	Requires padlock
1881-004	Kit	#14 Strike	Requires padlock
1881-005	Kit	#15 Strike	Requires padlock
1883-001	Kit	None	Integral 4-Pin Key Cylinder
1883-002	Kit	#12 Strike	Integral 4-Pin Key Cylinder
1883-003	Kit	#13 Strike	Integral 4-Pin Key Cylinder
1883-004	Kit	#14 Strike	Integral 4-Pin Key Cylinder
1883-005	Kit	#15 Strike	Integral 4-Pin Key Cylinder
1810-001	Accessory	#12 Strike for Double Doors	
1810-002	Accessory	#13 Strike for Mortise Door	
1810-003	Accessory	#14 Strike for Standard Door	
1810-004	Accessory	#15 Strike for Mortise Door	

SPECIALTY PRODUCTS

The Brute® Electronic Door Deadlatch

The Brute is a surface-mounted deadlatch that is the ideal security solution for indoor applications such as ATM rooms, cash handling areas, or research laboratories, and can be used with any control device that meets its electrical requirements.

The Brute Electronic Door Deadlatch

The Brute

Key Features

Surface-mounted for easy installation on new or retrofit applications

Inside release knob provides rapid egress

Strike available for inswing and outswing doors

Uses heavy duty 12 VDC solenoid. The 24 VDC input will not harm the solenoid. Maximum retraction is 30 seconds.

Electrical Specifications:

Required Voltage: 24 VDC

DC Coil Resistance: 6 OHMS

Current: 5.5 to 6.5 AMPS

Minimum Recommended Wire Size: 18 gauge

Part Numbers

Order No.	Type	Application	Included Strike
8497-100	Kit	Inswing Doors	#1
8497-101	Kit	Outswing Doors	#2
8497-102	Kit	Inswing Doors	#3
8497-103	Kit	Outswing Double Doors	#9
8497-105	Brute only	Inswing Doors	None
8497-106	Brute only	Outswing Doors	None
8497-001	Strike (only)	Inswing Doors	#1
8497-002	Strike (only)	Outswing Doors	#2
8497-003	Strike (only)	Reverse Bevel Inswing Doors	#3
8497-004	Strike (only)	Outswing Double Doors	#9
8497-006	Bolt Assembly	Outswing (change handing)	None
8497-007	Bolt Assembly	Inswing (change handing)	None

Kits include The Brute Deadlatch and strike

Resources

Get the details you need to choose the right product. Find key and lock body features, check product compliance and certifications, and read our industry-leading warranty statement.

RESOURCES

62   SPECIALTY PRODUCTS: THE BRUTE ELECTRONIC DOOR DEADLATCH   SARGENT AND GREENLEAF®   63

Key Features Glossary

Bolt Position Indicator - Dry contacts in the lock which will signal bolt retracted or extension when monitored by a security or alarm company.

Centin-Spline - Centi-Spline dials allow mounting the 8400 series locks right-hand, left-hand, vertical-up or vertical-down.

Duress/Silent Alarm - To open the safe with a code slightly different then the primary code which sends a distress signal to someone providing security monitoring such as a security or alarm company. The security or alarm company must use an S&G Duress Model or Alarm Interface Module for connection between their system and the lock.

False Gates - "Gate" is a cutout in the periphery of the wheel that is engaged by the fence on the lever assembly during the opening procedure. False gates are shallow cutouts like the primary gate and are present to confuse someone trying to manipulate and open the lock. Each wheel will have 1, 2 or 3 false gates. The number of false gates in any lock will vary further confusing the manipulator.

Internal Relocker – An internal component that deadlocks the bolt if the lock is punched through the spindle hole and the back cover is dislodged.

Penalty Timeout - To stop working for a preset period to dramatically delay opening by entering sequential or random codes until a valid code is found.

Time Delay - To cause the valid code holder to enter the code, wait for a preset interval, then enter the code again to thwart armed robbery.

Torque Adjuster – This device allows one to manually increase wheel rotation friction to guard against vibration attach and to protect internal components when someone tries to rapidly spin the lock dial.

Zamak – family of alloys with a base metal of zinc and alloying elements of aluminum, magnesium, and copper.

Lock Body Descriptions

Auto Relocking PivotBolt

Auto Relocking PivotBolt
Automatically re-locks to secure the safe whenever the container's boltwork moves to the fully closed position

Lock bolt retraction and extension controlled by the movement of the safe's boltwork

Withstands 225 pounds of bolt-end pressure for a high level of security and durability

Stainless steel lock bolt

Direct Drive Square Bolt

Direct Drive Square Bolt
Lock bolt retraction and extension controlled by turning of the keypad ring, offering dependable manual control of the locking bolt

Exclusive no-twist cable design prevents cable damage during opening

Withstands 225 pounds of bolt-end pressure for a high level of security and durability

Auto Relocking Square Bolt
Motor retracts bolt to open and spring extension bolt to close

Withstands 225 pounds of bolt-end pressure for high security and durability

Does not require direct attachment of the lock bolt to the safe's boltwork

Auto Relocking Square Bolt

Push Pull Square Bolt
Motor retracts bolt to open and motor extends bolt to close

Designed for direct boltwork attachment

Push/Pull strength of 2.4 pounds force with maximum load 5.6 pounds

Bolt has drilled and tapped holes

Push Pull Square Bolt

Warranty Statement

What is Covered: Sargent and Greenleaf, Inc., including its subsidiary Sargent and Greenleaf S.A. (hereinafter collectively "S&G") warrants all products manufactured by S&G and sold under its tradenames "Sargent and Greenleaf" and "S&G" (collectively, "Products") as outlined below. The sole and exclusive liability of S&G under this warranty is limited to the repair and/or replacement of any Product or component part covered by the warranty at the sole discretion of S&G.

Who is Covered: This warranty is extended only to S&G's resellers or OEMs of Products and the end user who purchases Products for purposes other than resale (collectively, "Purchaser").

S&G Products Warranty Period: Except as otherwise set forth below, S&G warrants that all S&G Products shall be free of defects in materials and workmanship for a period of one (1) year from the date of shipment from S&G's point of manufacture, or another statutory minimum as required by applicable law, whichever is shorter.

1. S&G Products with Warranties Outside of One Year
A. 6100 Series Electronic Locks, Titan 2006/2007 and Spartan 1006/1007 series electronic locks, Digital Platform 3000 Series locks, AxisBlu™ Ax26 series locks, and 6730 series mechanical combination locks shall be warranted for a period of two (2) years from the date of shipment from S&G's point of manufacture.

B. The 2740B electromechanical safe lock shall be warranted for a period of five (5) years from the date of shipment from S&G's point of manufacture.

C. The 2890B PDL High Security Pedestrian Door Lock ordered and installed with the S&G Model 2740B Lock shall be warranted for a period of five (5) years from the date of shipment from S&G's point of manufacture.

D. The 2890B PDL High Security Pedestrian Door Lock ordered and installed without the S&G Model 2740B Lock, but instead installed with a third-party lock or another S&G lock, shall be warranted for a period of two (2) years from the date of shipment from S&G's point of manufacture.

S&G Software Warranty Period: S&G warrants that all software shall be free from defects in materials and workmanship and will function in substantial accordance to the specifications for a period of ninety (90) days from the date of shipment from S&G's point of manufacture.

A. Specific Software Warranty Limitations: This warranty does not cover any post-sale technical support under the following circumstances:
i. Problems caused by misuse of software or hardware
ii. Failure to provide a network connection or site phone line for a modem connection, if deemed necessary by S&G
iii. Technical support for network software products
iv. Technical support for software installed on computer hardware or computer operating system that is no longer commercially available for purchase
v. Technical support for obsolete operating systems

Warranty Claims: Any Products believed to be defective as covered by this warranty should not be returned without a fully executed Returned Goods Authorization (RGA) from S&G Product Support 859-887-2057 or 800-634-4843 covering the specific Products and quantities. All allegedly defective Products must be returned within thirty (30) days from the discovery of the alleged defect(s). S&G will inform the purchaser where to ship said Product(s), shipping charges prepaid by Purchaser, for examination. In the event such examination reveals a defect covered by this warranty; S&G will, at its sole option, repair and/or replace the Product, and return it or its replacement to the Purchaser, with charges only for shipping.

Exclusions: This warranty specifically excludes, and S&G shall not be held responsible and this warranty does not cover the following:
A) DAMAGE CAUSED BY PRODUCT MALFUNCTION OR FAILURE ATTRIBUTABLE TO ACTS OF GOD, OR OTHER FORCE MAJEURE EVENTS.
B) IMPROPER USE OR INSTALLATION BY PURCHASER.
C) PURCHASER'S FAILURE TO FOLLOW S&G'S OPERATING INSTRUCTIONS OR ENVIRONMENTAL SPECIFICATIONS.
D) INCORRECT APPLICATION, MODIFICATION, VANDALISM, EROSION OR CORROSION, SHIPPING AND/OR HANDLING, IMPROPER STORAGE, ACCIDENT, MISUSE, ABUSE OR ANY OTHER CAUSE NOT WITHIN THE CONTROL OF S&G OTHER THAN ORDINARY WEAR AND TEAR.
E) THIS WARRANTY IS VOID IF ANY MODIFICATION IS MADE TO THE WARRANTY PRODUCT, REGARDLESS OF WHETHER THE MODIFICATION CAUSES OR CONTRIBUTES TO THE ALLEGED DEFECT. ALL MODIFICATIONS ARE MADE AT THE RISK AND EXPENSE OF THE PARTY MAKING THE MODIFICATIONS.
F) S&G SHALL NOT BE LIABLE FOR ANY REPAIRS, REPLACEMENTS, OR ADJUSTMENTS TO THE PRODUCT OR ANY COSTS OF LABOR PERFORMED BY THE PURCHASERS (INCLUDING COSTS ASSOCIATED WITH INSTALLING, REMOVING OR RESINSTALLTION OF THE PRODUCT) OR OTHERS WITHOUT THE COMPANY'S PRIOR WRITTEN APPROVAL.

G) S&G PROVIDES NO WARRANTY OR GUARANTEE THAT ITS PRODUCTS WILL FUNCTION PROPERLY OR BE MECHANICALLY COMPATIBLE WITH PRODUCTS NOT MANUFACTURED BY S&G.
H) S&G DOES NOT WARRANT ITS LOCK PRODUCTS TO BE IMPERVIOUS TO FORCIBLE OR SURREPTITIOUS ENTRY, AND S&G SHALL HAVE NO LIABILITY FOR DAMAGE TO OR LOSS OF PROPERTY SOUGHT TO BE PROTECTED BY ANY SUCH LOCK.

Third Party Warranty: Except as otherwise provided above, S&G makes no warranty, express or implied, with regard to third party hardware or software and expressly disclaims the implied warranties or conditions of merchantability or merchantable quality, fitness for a particular purpose, title, infringement and those arising by statute or otherwise in law. Purchaser's sole recourse for warranty claims is with the third-party manufacturer of the product. However, S&G agrees to pass through any third-party warranty that S&G receives from the third-party manufacturer of the products to Purchaser. The extent of any third-party warranty details, terms and conditions, remedies and procedures may be expressly stated on, or packaged with, or otherwise accompanying the such third-party products, however, S&G does not accept liability related to a third party's failure to provide such terms and conditions, remedies and procedures.

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Product Compliance and Certifications

As a global company, Sargent and Greenleaf products reach more than 140 countries. Because different regions require varied specifications and standards for safes and locks, S&G submits all products to international testing agencies. After verifying that a product meets specifications for a given market, the testing agency awards the product with a symbol or logo attesting to that standard. This catalog compares products by certification levels, and product packaging includes logos indicating the standards and certifications verified for that product.

SECURITY (UL®) **LISTED**   **VdS**   **A2P**   SBSC / CERTIFIED PRODUCT

The European Union has set forth guidelines to curb the use of substances which have been determined to be detrimental to the environment. Individual member countries create their own regulations based on the RoHS guidelines published by the European Union. The CE Mark indicates compliance with applicable EU Directives, including RoHS2 (Reduction of Hazardous Substances).

CE

SARGENT AND GREENLEAF®