SARGENT®

10 Line Cylindrical Lever Locks

An ASSA ABLOY Group company

ASSA ABLOY

10 Line Lever Lock Specifications

SARGENT
1-800-727-5477
www.sargentlock.com

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Specifications

For Doors	1-3/4" (44mm) thick door adjusts to 2" (51mm) standard
Backsets	2-3/4" (70mm) standard 3-3/4" (95mm) backset available (23- prefix) 5" (127mm) backset available (25- prefix)
Cylindrical Housing	Steel, zinc dichromate finish
Front	Wrought brass, bronze and stainless steel 2-1/4" (57mm) x 1-1/8" (29mm) 1/8" (3mm) in 2" (51mm) Fixed Bevel
Strike	Wrought brass, bronze and stainless steel 800 curved lip strike – standard 808 curved lip ANSI strike (28- prefix) Wrought box strike available (WBS suffix)
Hand	Non-handed – B, L, J and P lever designs Handed – G and Y Coastal lever designs
Roses	Heavy wrought brass and bronze
Latch	Stainless steel 1/2" (13mm) throw Brass 3/4" (19mm) throw for pairs of doors (41- prefix)
Cylinder	Brass, 6 pin, LA keyway standard
Keys	Two, nickel silver
Masterkeying	Can be master keyed or grand master keyed Construction key systems available
Finishes	3, 4, 9, 10, 10B, 10BL, 15, 20D, 26, 26D
Options	For detailed information see "Prefixes"
Door Prep	ANSI A115.2 (161) Modified
Minimum Stile	4-1/2" (114mm)

Certification Compliance

ANSI/BHMA	Meets and exceeds ANSI A156.2 Series 4000 - Grade 1
UL	UL listed to U.S.A. and Canadian safety standards Listed for 3 hour doors (double doors require 41 - prefix)
Positive Pressure	Meets UL 10C and UBC 7-2 (1997)
ADA	All levers conform to ADA requirement for barrier-free accessibility
California Code	Levers (L, J & P) conform to California Administrative Code Title 19 and 24
Hurricane Code	All individual components of a total door opening are required to comply with each code. Refer to the SARGENT Website (www.sargentlock.com) for specific code compliance listings for both the lock hardware and other door components.

ELECTRO Lynx™

Look for the LYNX™

As part of their promise to provide innovative, fast and effective, and higher security solutions to their customers, ASSA ABLOY Group companies offer ElectroLynx, a universal quick-connect system that simplifies the electrification of the door opening.

ElectroLynx™ is a registered trademark of ASSA ABLOY North America, Inc.

SARGuard™ Patent Pending

SARGuard Coating

- Revolutionary finish coating available on all SARGENT product lines, utilizes a silver-based antimicrobial compound from AgION Technologies
- As an integral part of the finish coating, SARGuard lasts for the life of the hardware
- SARGuard coating permanently suppresses the growth of bacteria, algae, fungus, mold and mildew. It is effective against a broad spectrum of bacteria.
- Non-toxic and completely safe. The AgION antimicrobial compound is EPA and NSF approved and FDA listed for use in medical and food preparation equipment.
- Applications: Anywhere there is need for a clean environment (hospitals, laboratories, schools, medical centers, daycare, food processing etc.)

AgION

The AgION antimicrobial is not intended as a substitute for good hygiene. Coated products must still be cleaned to insure the surfaces will be free of destructive microbes. SARGENT makes no representations or warranties, express or implied, as to the efficacy of the AgION antimicrobial. A copy of the AgION warranty is available upon request.

On The Cover

- 10G05 X GL

10 Line Lever Lock
Features, Benefits & Applications

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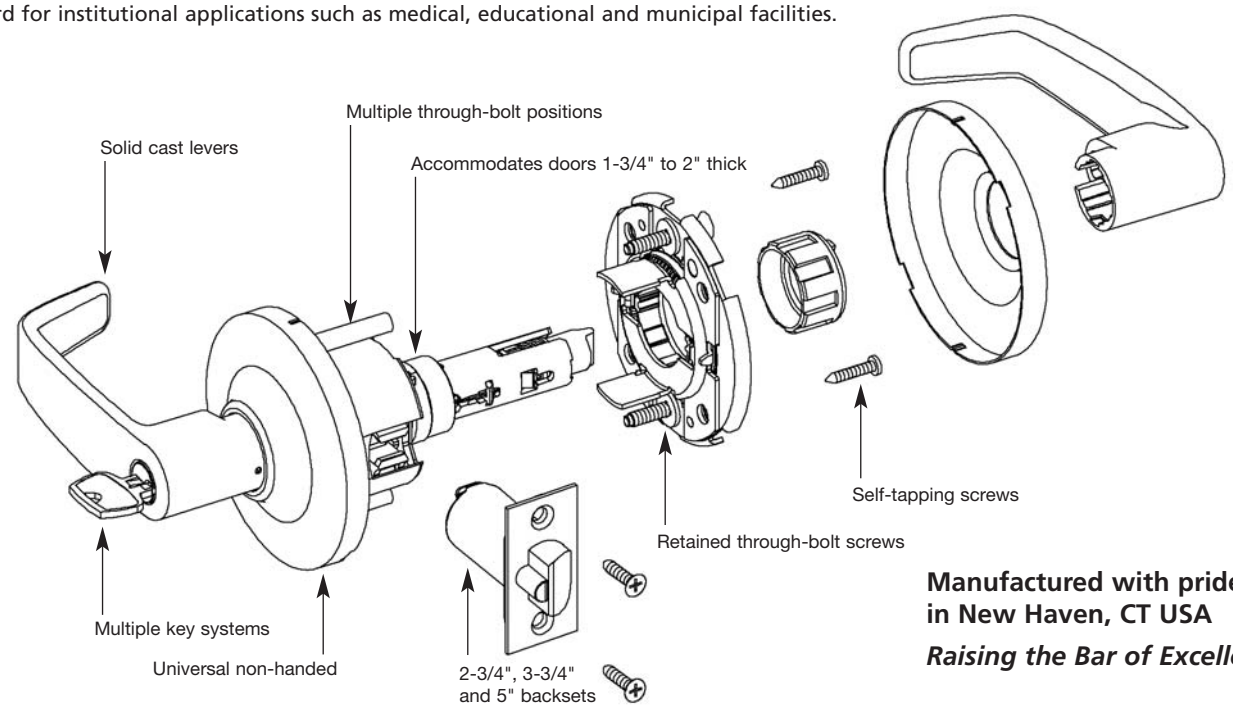
Features & Benefits

A heavy duty cylindrical key-in-lever lock designed to exceed the requirements of ANSI 156.2 Series 4000 Grade 1. The 10 Line is the standard for institutional applications such as medical, educational and municipal facilities.



Manufactured with pride in New Haven, CT USA

Raising the Bar of Excellence.

Strength, Durability and Security

- Cycle Test: Exceeds 5 times A156.2 Grade 1 requirements
- Abusive Locked Lever Torque- without entry gained: Exceeds 1.5 times A156.2 Grade 1 requirements
- **7 YEAR LIMITED WARRANTY** – no service required to maintain warranty

Convenience

- Installs in 1 minute or less
- Quickly adapts to fit multiple through-bolt positions
- User friendly packaging
- User friendly instruction sheets
- Convenient installation diagram on box

Design

- Solid feel and precise lever action
- Slim rose design available
- Decorative Levers — Coastal Series designs – Gulfport and Yarmouth
- Levers are solid one piece cast construction, except "J" lever

Flexibility

- Fits a variety of door preparations with adaptable through-bolt positioning
- Accommodates retrofit applications with optional 3-3/4" and 5" backset latches
- 6 ADA lever styles to complement a wide array of design applications
- Levers (B, L, J & P) are non-handed for efficient warehousing and for ease of installation
- 10 Architectural grade finishes
- 22 Functions
- SARGENT uses engineered solutions and flexible manufacturing processes to accommodate special applications

Security

- Torx® and spanner screws optional
- Classroom security and multiple locking functions available
- Vandal resistant trim optional (FW- prefix)
- Security key systems available (V-10, Signature, Keso, XC)

Applications

- Designed to conform to national & state fire and handicapped requirements
- Grade 1 Lock
- Heavy duty commercial and institutional interior and exterior doors
- Offices
- Schools/Universities
- Hospitals
- Manufacturing facilities

Innovation

- SARGENT's revolutionary SARGuard™ available. This antimicrobial silver-based finish coating permanently suppresses the growth of bacteria, algae, fungus, mold and mildew. EPA and NSF approved and FDA listed
- Broad offering of electro-mechanical configurations offer higher security for the most demanding access/egress control applications
- SARGENT's revolutionary SARGuard™ available. This antimicrobial silver-based finish coating permanently suppresses the growth of bacteria, algae, fungus, mold and mildew. EPA and NSF approved and FDA listed
- ElectroLynx™ is a plug-in universal connector system that allows users to simply link together the wired components of a doorway, without cumbersome soldering or wire nuts
- As part of their promise to provide innovative, fast and effective, and higher security solutions to their customers, ASSA ABLOY Group companies offer ElectroLynx, a universal quick-connect system that simplifies the electrification of the door opening
- ElectroLynx™ is a registered trademark of ASSA ABLOY North America, Inc.

10 Line Lever Lock
Lever & Rose Designs

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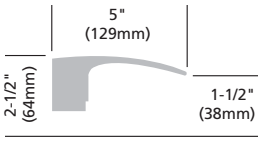
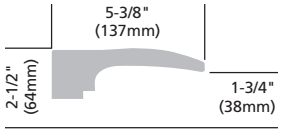
B Lever Design

- Lever: B–Solid Cast



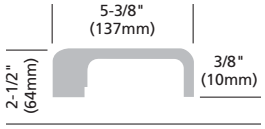
Y Lever Design - Coastal Design - Yarmouth

- Lever: Y–Solid Cast
- Handed



J Lever Design

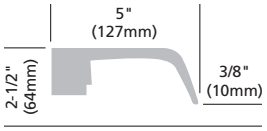
- Lever: J–Wrought



J lever – not available with Freewheeling or Interchangeable Core

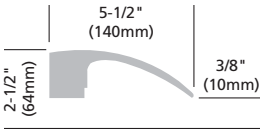
L Lever Design

- Lever: L–Solid Cast



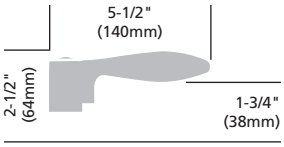
P Lever Design

- Lever: P–Solid Cast



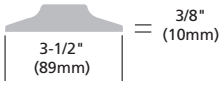
G Lever Design - Coastal Design - Gulfport

- Lever: G–Solid Cast
- Handed



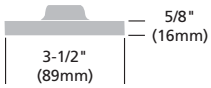
G Rose Design

- Rose G - Heavy Wrought



L Rose Design

- Rose L - Heavy Wrought



NOTE: Any rose or lever on this page can be combined to suit individual taste.
NOTE: All lever height measurements represent total distance from door face.

10 Line Lever Lock Functions

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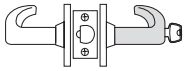
Single Cylinder Functions

04 Storeroom or Closet

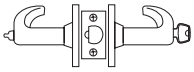
10G04



- Deadlocking latch
- Latch by lever inside or key outside
- Outside lever rigid at all times
- **ANSI F86**

05 Entrance or Office

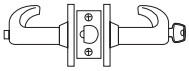
10G05



- Deadlocking latch
- Latch by either lever unless outside lever is locked by push/turn button in inside lever
- Push button released by key outside or lever inside
- Turn button must be released manually
- Key retracts latch when outside lever is locked
- **ANSI F81**

24 Entrance or Office

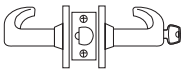
10G24



- Deadlocking latch
- Latch by either lever unless outside lever is locked by push button in inside lever
- Push button released by key or turning inside lever
- Closing door does not unlock outside lever or release button
- Key in outside lever retracts latch when outside lever is locked and releases inside push button
- **ANSI F82**

37 Classroom

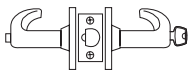
10G37



- Deadlocking latch
- Latch by either lever unless outside lever is locked by key
- Key in outside lever locks or unlocks outside lever and retracts latch
- Inside lever always operative
- **ANSI F84**

44 Service Station

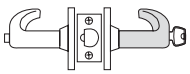
10G44



- Deadlocking latch
- Latch by either lever unless outside lever is locked by push button in inside lever
- Key retracts latch when outside lever is locked
- Push button released by turning inside lever, closing door, or by key in outside lever unless push button is fixed in locked position by turning coin slot in inside lever
- Slotted inside button must be manually released
- **ANSI F92**

50 Hotel, Dormitory or Apartment

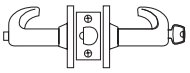
10G50



- Deadlocking latch
- Latch by key outside and lever inside
- Outside lever always rigid
- Depressing push button when door is closed shuts out all keys except emergency key and projects visual occupancy indicator in cylinder face
- Push button released by turning inside lever automatically reactivating all keys and retracting visual occupancy indicator
- Lock out key fixes push button in locked position, shutting out all keys except emergency
- Push button fixed by lockout key must be released manually
- Lock out key provided
- See prefix page for restrictions to 50 function
- **ANSI F93**

54 Corridor, Dormitory

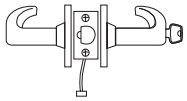
10G54



- Deadlocking latch
- Latch by either lever unless outside lever is locked by push button inside or key outside
- Rotating inside lever or closing door releases inside button only, but does not unlock the outside lever if locked by key
- Key outside locks or unlocks outside lever and also retracts latchbolt when locked
- **ANSI F90**

70 Electromechanical (Fail Safe)

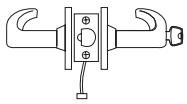
10G70



- Power on locks outside lever
- Deadlocking latch
- Latch retracted by key outside when locked electrically
- Inside lever always free

71 Electro mechanical (Fail Secure)

10G71



- Power off locks outside lever
- Deadlocking latch
- Latch retracted by key outside when locked electrically
- Inside lever always free

Freewheeling Locked Lever Option

- Available on all locking functions except 10G26, 10G38, 10G70, and 10G71
- Provides protection from vandalism and added security
- Stops in the rose prevent the lever from traveling beyond 60° in either direction
- Not available in "J" Lever Design and some prefixes

NOTE: Shaded lever indicates it is rigid at all times.

10 Line Lever Lock Functions

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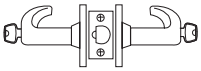
Double Cylinder Functions

16 Classroom Security, Apartment, Exit, Privacy

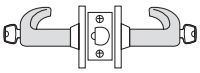
10G16



- Deadlocking latch
- Latch by either lever unless outside lever is locked by key in inside lever
- Key in outside lever retracts latch when outside lever is locked
- Inside lever always operative
- **ANSI F88**

17 Utility, Asylum or Institutional

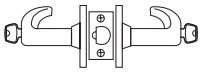
10G17



- Deadlocking latch
- Both levers rigid at all times
- Latch by key either side
- Use only on rooms with more than one exit
- **ANSI F87**

26 Store or Storeroom

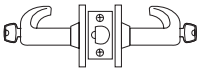
10G26



- Deadlocking latch
- Latch by either lever
- Key in either lever locks or unlocks both levers
- **ANSI F91**

30 Communicating

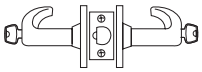
10G30



- Deadlocking latch
- Latch by either lever
- Key in either lever locks or unlocks its own lever only
- Use only on rooms with more than one exit
- **ANSI F80**

38 Classroom Security

10G38

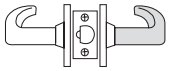


- Deadlocking latch
- Latch by either lever unless outside lever is locked by key
- Key in either lever locks or unlocks outside lever
- Inside lever always operable
- Locked indication on inside rose standard with this function

Non-Cylinder Functions

13 Exit

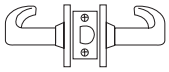
10G13



- Deadlocking latch
- Latch by inside lever
- Outside lever rigid at all times
- **ANSI F89**

15 Passage

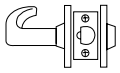
10U15



- Latch by either lever
- **ANSI F75**

15-3 Exit or Twin Communicating

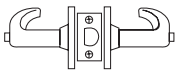
10G15-3



- Deadlocking latch
- Blank rose outside
- Latch by lever inside
- Minimum clearance of 1-1/8" on single doors and 2-1/4" between double doors

65 Privacy/Bathroom

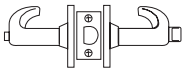
10U65



- Latch by either lever unless outside lever is locked by push button in inside lever
- Turning inside lever or closing door releases button
- Emergency button in outside lever unlocks, with use of a blade screwdriver in outside lever and releases inside button
- **ANSI F76**

68 Hospital Privacy

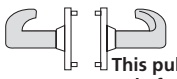
10U68



- Latch by either lever unless outside lever is locked by push button in inside lever
- Turning inside lever or closing door releases button
- Rotating thumbturn in outside lever unlocks the outside lever and releases the inside button
- Not available in the "J" lever design

93 Single & 94 Double Lever Pulls

10U93/10U94

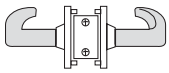


This pull only for 93

- For wood or custom hollow metal doors
- Lever and rose both sides joined by two through-bolts
- Requires special door preparation – see template

94-2 Double Lever Pull

10U94-2



- For wood or custom hollow metal doors
- Lever and rose both sides joined by two through-bolts
- Dummy latch plate
- Uses standard door prep template

Freewheeling Locked Lever Option

- Available on all locking functions except 10G26, 10G38, 10G70, and 10G71
- Provides protection from vandalism and added security
- Stops in the rose prevent the lever from traveling beyond 60° in either direction
- Not available in "J" Lever Design and some prefixes

NOTE: Shaded lever indicates it is rigid at all times.

10 Line Lever Lock Electromechanical Locks

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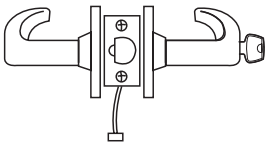
Specifications

For Doors	1-3/4" (44mm) to 2" (51mm) thick doors
UL Listed	UL Listed to U.S.A. and Canadian safety standards. Listed for 3 hour doors (double doors require 41-prefix)
Templates	Electromechanical bored lock templates are required for this lockset
Power	24VAC/VDC; 1/4 Amp per lock. If more than one unit is used with the same power supply, units should be wired in a parallel circuit
Solenoid	UL approved. Designed for both intermittent and continuous duty

70 Electromechanical (Fail Safe)

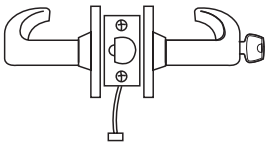
10G70



- Power on locks outside lever
- Deadlocking latch
- Latch retracted by key outside when locked electrically
- Inside lever always free

71 Electromechanical (Fail Secure)

10G71



- Power off locks outside lever
- Deadlocking latch
- Latch retracted by key outside when locked electrically
- Inside lever always free

Concealed Circuit Hinge

SARGENT recommends using a 2-wire, 5 knuckle with quick connect continuous circuit hinge for running electricity from your power supply to the electromechanical bored-in lock.

- 1 amp capacity - low voltage 24V
- Full mortise
- Wires contained within hinge - invisible and tamperproof

Look for the LYNX™

As part of their promise to provide innovative, fast and effective, and higher security solutions to their customers, ASSA ABLOY Group companies offer ElectroLynx, a universal quick-connect system that simplifies the electrification of the door opening.

ElectroLynx™ is a registered trademark of ASSA ABLOY North America, Inc.

ElectroLynx™ - Hardwiring Made Easy!

Power Supplies

A 24VDC regulated SARGENT power supply is recommended to power your electromechanical bored lock. Choose from the three below.

NOTE: To determine the correct power supply, total component loads must be considered.

3510: Power Supply

- 24VDC, 1.8 AMP regulated and filtered power supply
- UL/cUL listed for Class II applications
- Size: 8-1/2"W x 10-1/8"H x 4-1/8"D

3530: Power Supply

- 24VDC, 2 AMP regulated and filtered power supply
- Supplies power for maximum of 6 locks (given 0.25A/lock)
- UL Listed – accessories, releasing device service
- Size: 12"W x 12"H x 6"D

3560: Power Supply

- 24VDC, 7.2 AMP regulated and filtered power supply
- UL Listed
- Size: 12"W x 16"H x 6"D

10 Line Lever Lock Prefixes & Strikes

SARGENT
1-800-727-5477
www.sargentlock.com

Prefix Designation and Description

10▲	SARGENT Signature key system
11▲	SARGENT XC feature (not available w/10, 21, 22, 30, 60, 63, 64, KESO, SC, SE, VA, VS prefixes)
21▲	SARGENT Construction key system (lost ball) Standard on new systems est. since 5/1/96
22▲	SARGENT Construction key system (split key) For pre-established key systems only
23	3-3/4" backset
25	5" backset
28	Strike #808. Lip length 1-1/4" Lip lengths 1-5/8" to 2-7/8" in 1/4" increments only
30▲	10 Line lever to accept Schlage cylinder - no cylinder provided
36	6 lobe security head screws
37	Spanner head screws
41	3/4" latch throw
60▲	SARGENT Removable construction core
63▲	SARGENT Removable core cylinder
64▲	SARGENT Removable construction core cylinder
65-73▲	Small format 6-pin uncombinated core (G,L,B,P,Y levers only)
65-73-7P▲	Small format 7-pin uncombinated core (G,L,B,P,Y levers only)
70▲	Small format interchangeable disposable plastic construction core (G,L,B,P,Y levers only)
72▲	Small format interchangeable 6-pin construction core (G,L,B,P,Y levers only)
73▲	Small format interchangeable core, 6-pin (G,L,B,P,Y levers only)
73-7P▲	Small format interchangeable core, 7-pin (G,L,B,P,Y levers only)
74	Lead lined (Specify components inside, outside and/or latch tube)
75	Handicap warning milled on backside of inside lever
76	Handicap warning milled on backside of outside lever
77	Handicap warning milled on backside of both levers
82▲	SARGENT KESO security cylinder (G,L,B,P,Y levers only)
FW	Freewheeling locking levers (G,L,B,P,Y levers only)
SC▲	Schlage C keyway cylinder, 0 bitted
SE▲	Schlage E keyway cylinder, 0 bitted
SG	SARGuard™ – an antimicrobial powder coat
VA▲	SARGENT V-10 standard cylinder
VS▲	SARGENT V-10 standard un-assembled cylinder

▲ Prefixes not available for 50 function

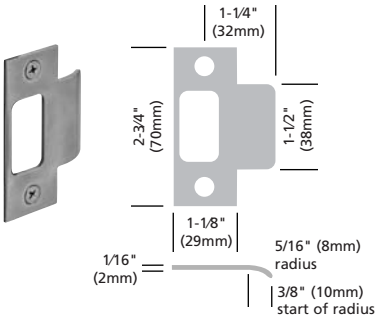
Freewheeling Locked Lever Option

- Available on all locking functions except 10G26, 10G38, 10G70, and 10G71
- Provides protection from vandalism and added security
- Stops in the rose prevent the lever from traveling beyond 60° in either direction
- Not available in "J" Lever Design and some prefixes

Strikes

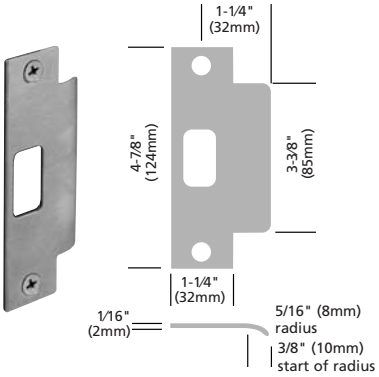
- Finishes: 3, 4, 9, 10, 10B, 10BL, 15, 20D, 32D

2-3/4" Curved Lip Strike – Standard



- Furnished standard with 1-1/4" (32mm) curved lip from center of strike screw holes to end of lip
- Lip lengths 7/8" (22mm), 1" (25mm), 1-1/4" (32mm) standard, 1-1/2" (38mm), 1-3/4" (44mm) and 2" (51mm)
- To order strike separately, specify 800 strike x finish x lip length

4-7/8" Curved Lip Strike: (28-Prefix)



- Conforms to ANSI standard
- Furnished standard with curved lip 1-1/4" (32mm) from center of strike screw holes to end of lip
- Lip lengths 7/8" (22mm), 1-1/8" (29mm), 1-1/4" (32mm), 1-3/8" (35mm), 1-5/8" (42mm), 1-7/8" (48mm), 2-1/8" (54mm), 2-3/8" (60mm), 2-5/8" (66mm), 2-7/8" (73mm)
- To order strike separately, specify 808 strike x finish x lip length

10 Line Lever Lock
How to Order, Finishes, Packaging & Architectural Specifications

SARGENT
1-800-727-5477
www.sargentlock.com

How to Order

Specify	Note	Example
Quantity	Number ordered	**1 Qty**
Prefix*	Additional feature	1 Qty **21-**
Lock function	See functions	1 Qty 21-**10G05**
Trim design	Rose x lever	1 Qty 21-10G05-**LL**
Finish	See finishes	1 Qty 21-10G05-LL-**26D**
Additional information	Item/Heading number, Door number, Keyset information	1 Qty 21-10G05-LL-26D **x Item 01 x DRL201 x keyset AA3**

*Can choose multiple prefixes

Finishes

US Finish	Descriptions	ANSI/BHMA
3	Polished brass, clear coated	605
4	Satin brass, clear coated	606
9	Polished bronze, clear coated	611
10	Satin bronze, clear coated	612
10B	Oxidized bronze, oil rubbed	613
10BL	Oxidized satin, bronze, clear coated	—
15	Satin nickel, clear coated	619
20D	Statuary dark bronze, clear coated	—
26	Polished chrome	625
26D	Satin chrome	626
SG	SARGuard™ available on all finishes except 10B (613)	

Zinc levers are plated to match BHMA finish.
Split finishes available. Specify outside finish first.
Custom colors available, consult factory.

Packaging

28-10G05 x LL
4.2 lbs/box (1.9 kg/box)
10 boxes/case

6 Lobe and Spanner Bit Packs

82-3855	6 lobe bit pack 6 bits (Sizes – T8, T9, T10, T15, T20, T25, T27) Requires 9/32" driver
82-3856	Spanner bit pack 5 bits (Sizes – 6, 8, 10, 12, 14) Requires 1/4" driver

Latches

Part No.	Description (backsets)
10-2000	2-3/4" (70mm) standard (deadlocking latch)
10-2022	2-3/4" (70mm) standard (latch)
10-2053	3-3/4" (95mm) 23 Prefix (deadlocking latch)
10-2054	3-3/4" (95mm) 23 Prefix (latch)
10-2058	5" (127mm) 25 Prefix (deadlocking latch)
10-2057	5" (127mm) 25 Prefix (latch)

Suggested Architectural Specifications

2.0 Cylindrical Locks

A. Locks shall be 10 Line as manufactured by SARGENT Manufacturing Company, New Haven, CT.

B. Locks shall exceed the requirements of ANSI/BHMA A156.2 Series 4000, Grade 1 with all standard trims, as follows:
1. Cycle Test: Exceeds 5 times A156.2 Grade 1 requirements
2. Abusive Locked Lever Torque – without entry gained: Exceeds 1.5 times A156.2 Grade 1 requirements

C. Locks shall be non-handed with bi-directional lever operation, except the “G” and “Y” lever designs.

D. Through-bolt mounting shall be adaptable to fit a variety of standard cylindrical lock preps.

E. Locks shall comply with UL10C and UBC 7-2 positive pressure requirements.

F. Locks required for fire doors shall be listed by Underwriters Laboratories for ratings of 3 hours (A label) and less, for doors up to 4'0" (1.2m) x 10'0" (3.0m) and pairs of doors 8'0" (2.4m) x 10'0" (3.0m).

G. Lock levers shall be made of solid material.

H. Lock shall be available in a minimum of six different lever designs.

I. Locks shall have a 2-3/4 inch (70mm) backset standard.

J. Strikes shall be non-handed with a curved lip. Provide wrought boxes with strikes.

K. Locks shall have brass 6-pin cylinder standard.

L. Provide two nickel silver keys with each lock.

J. Locks shall have a seven year limited warranty.

SARGENT Manufacturing Company • 100 Sargent Drive • P.O. Box 9725 • New Haven • CT 06536-0915
Phone: 800-727-5477 • Fax: 888-863-5054 • Web site: www.sargentlock.com
SARGENT of Canada • Phone: 905-940-2040 • Fax: 905-940-3242 • Web site: www.sargentcanada.ca

Founded in 1864, SARGENT® is a market leader in locksets, cylinders, door closers, exit devices, electro-mechanical products and access control systems for new construction, renovation and replacement applications. The company's customer base includes commercial construction, institutional and industrial markets.

The ASSA ABLOY Group is the world's leading manufacturer and supplier of locking solutions, dedicated to satisfying end-user needs for security, safety and convenience.

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