

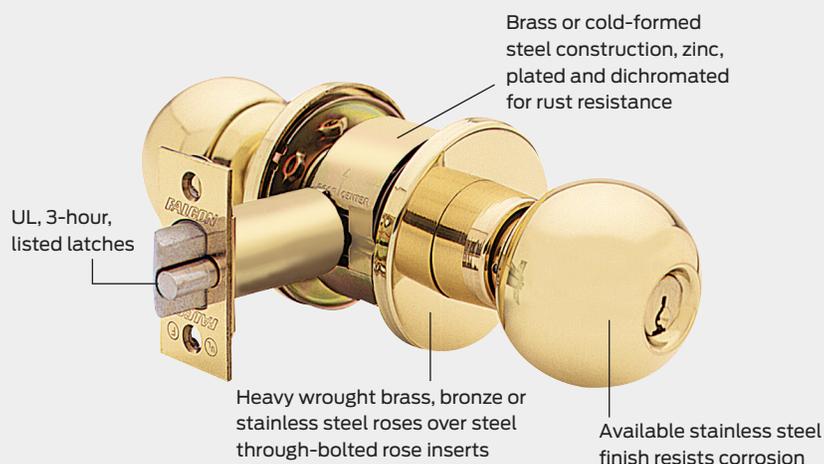
FALCON®

X Series

Grade 1, heavy duty cylindrical locks

Overview

When you need a tough, reliable lock that can also withstand the corrosive conditions of a marine environment you need a Falcon® X Series lock with our stainless steel (SS) construction. The SS option provides a stainless steel and nonferrous constructed chassis that, when paired with stainless steel trim, provides a Grade 1 lock that is resistant to corrosion when exposed to moisture and salt. This full knob line features an interchangeable core that can be removed for quick, easy re-keying. Our interchangeable cores are compatible with SFIC products from other manufacturers. And they're backed by one of the best names in the business.



Features and benefits

- Certified ANSI/BHMA A156.2, Series 4000, Grade 1 for quality and reliability
- **Durable and reliable** - Brass or cold-formed steel construction with a zinc dichromate for rust resistance
- **Durable** - Heavy-wrought brass, bronze or stainless steel roses over steel through-bolted rose inserts provide added strength
- UL listed for 3 hour A label doors
- **Flexible** - Interchangeable cores can be removed for quick, easy re-keying
- **Flexible** - Interchangeable cores are compatible with SFIC products from other manufacturers
- Available in 3 knob designs and 2 rose options and 6 finishes
- 10 functions
- 10-year limited warranty

X Series

Product specifications

Door thickness: 1 ³/₈" to 1 ⁷/₈" doors. Locks for thicker doors also available. Consult factory.

Backset: 2 ³/₄" standard. 2 ³/₈" also available (not available in corrosion resistant).

Mechanism: Parts constructed of brass or cold formed steel, zinc plated and dichromated for rust resistance. Springs are stainless steel. SS Series available with all internal parts of stainless steel or other nonferrous materials.

Attachment: Locks secured to door by threaded collars. Inner collar tightened by special wrench furnished with each lock. Outer rose contains locking plate to prevent unauthorized removal.

Cylinders: Drilled with 6-pin chambers, pinned in 5. Pinning in 6 chambers available when specified, at no cost. 7-pin cylinders available in Hana design. Cylinder assemblies removable to rekey or change hand of lock. Also available with 6 or 7-pin interchangeable core cylinders—Elite and Troy designs. Cylinder housings and plugs machined from solid brass. Springs are phosphor bronze. Two nickel silver keys furnished standard.

Keyways: "G" keyway standard on standard cylinders. "A" keyway standard on I/C core cylinders. Also available with other keyways and some competitor keyways.

Trim: Roses are heavy wrought brass, bronze or stainless steel, installed over wrought steel reinforcing plates. Knobs are brass, bronze or stainless steel secured by a steel knob retainer which cannot be depressed when lock has been locked. Please see Falcon price book for complete list.

Latches: ¹/₂" bolt projection, UL Listed for A-label applications. Standard latch faceplates 2 ¹/₄" x 1 ¹/₈" with square corners to accommodate beveled or flat front doors. ³/₄" projection, UL Listed latch with 2 ³/₄" backset also available.

Strikes: 4 ⁷/₈" x 1 ¹/₄" ANSI strike with curved lip to meet ANSI A115.2 standard door frame preparation standard. Consult Options and Accessories section for other strike sizes and configurations.

Screws: Furnished with combination wood/machine screws for use in wood or metal doors and frames.

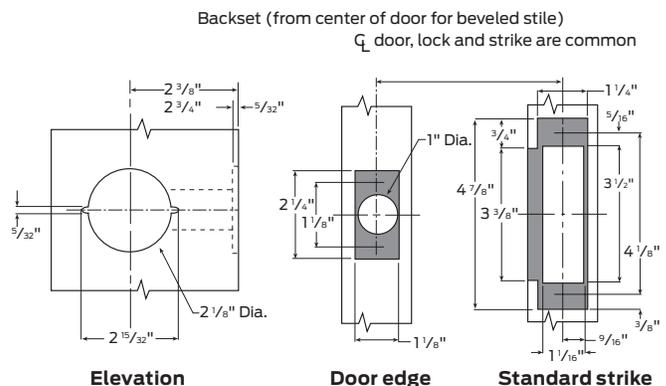
ANSI/BHMA: Meets ANSI/BHMA A156.2, Series 4000, Grade 1.

UL: 3 hour A label.

Architectural specifications

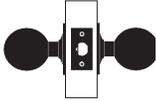
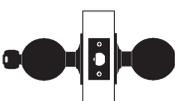
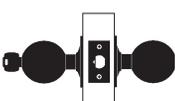
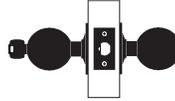
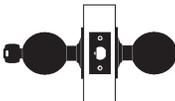
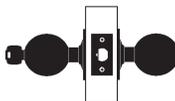
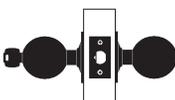
Key-in-knob cylindrical locksets shall be Falcon Lock X Series or equal and meet the following requirements:

- All locksets and latchsets shall meet Grade 1 requirements of ANSI/BHMA 156.2, Series 4000
- Locksets and latchsets shall be UL Listed for use on 3 hour A label doors
- Locksets and latchsets shall have 3 ¹/₄" diameter round roses
- Knobs shall be .050" minimum thickness
- There shall be no exposed screws on trim
- Locksets and latchsets shall have threaded collars for easy door thickness adjustment on both sides of lock
- Cylinders shall have a minimum of 6 active pin chambers and shall be furnished with 2 nickel silver keys
- Locksets shall have 6-pin (or 7-pin) interchangeable cores



Functions

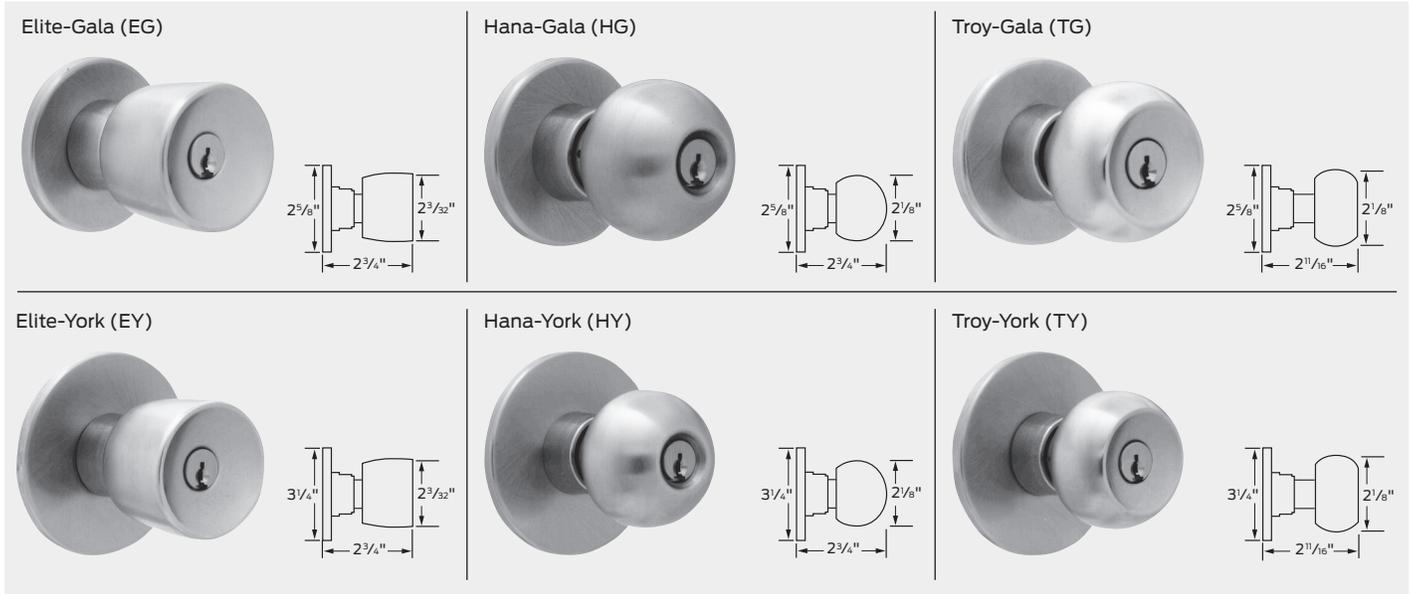
These pages contain the ordering function codes for Falcon X Series locks on a cylindrical design. A cylindrical lock, also referred to as a bored lock, is a lock in which a large hole is bored into the door face of a door and a smaller cross-bore hole is bored into the door edge.

Falcon	ANSI	Function outside/inside	Name	Description
X101	F75		Passage/closet latchset	Latch bolt operated by knobs from either side at all times.
X301	F76		Bath/bedroom privacy lock	Latch bolt operated by knobs from either side. Outside locked by push button on inside knob. Rotating inside knob or closing door releases button. Emergency release tool used on outside unlocks door. Inside knob always free for immediate egress.
X411	F87		Asylum lock	Latch bolt operated by key from either side. Both knobs always inoperable.
X501	F82		Entry lock	Latch bolt operated by knobs from either side. Push button locking. Button on inside locks outside knob until unlocked by key outside or by rotating inside knob. Inside always free for immediate egress. Function note: This lock will stay locked when the door is closed. If you want your door to unlock when it closes, please purchase the 571 function.
X511	F109		Entry/office lock	Turn/push button locking: Pushing and turning button locks outside knob requiring use of key until button is manually unlocked. Push button locking: Pushing button locks outside knob until unlocked by key or by rotating inside knob. Inside knob always free for immediate egress. Latch bolt operated by knobs. Key enables only unlocking from outside.
X521	F81		Office lock	Turn button locking. Turning button locks outside knob requiring use of key until button is manually unlocked. Latch bolt operated by knobs. Key enables only unlocking from outside. Inside always free for immediate egress.
X561	F84		Classroom lock	Latch bolt operated by knobs. Outside knob is locked by key in outside knob. Inside always free for immediate egress.
X571	F90		Dormitory/corridor lock	Latch bolt operated by knobs except when locked by push button from inside. Key in outside knob locks or unlocks knob and releases button. Closing door releases push button. Inside always free for immediate egress. Function note: This lock will unlock when the door is closed. If you want your door to remain locked when it closes, please purchase the 501 function.
X581	F86		Storeroom lock	Latch bolt operated by knob inside or key outside. Outside knob is inoperable. Inside always free for immediate egress.
X12	--		Single dummy trim	Single trim, surface-mounted rigid knob.

Caution: Double cylinder locks on residences and any door, in any structure, which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Knob styles

Knobs and roses are wrought brass, bronze or stainless steel (Troy) installed over steel or nonferrous reinforcing plates. Knobs are secured by a spring-loaded retainer. Retainer cannot be depressed when locks have been locked.



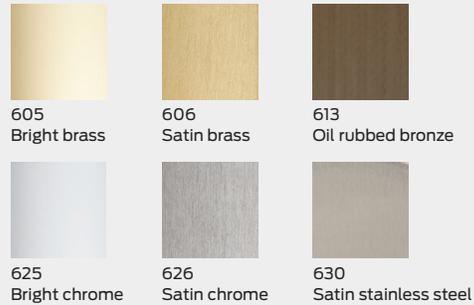
Abrasive coated levers

All trim is available with abrasive coating around the circumference of the knob to identify entrances to hazardous areas to the handicapped. To order, add: "with abrasive coated outer knob" in detail section of order.

Knurled knobs

All heavy duty knobs are available knurled to identify entrances to hazardous areas for the handicapped. To order add: "with knurled knob" (outer or inner) to detail section of order.

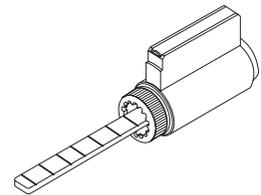
Available finishes



Falcon conventional cylinders

Catalog number	6-pin cylinder	7-pin cylinder	Knob design	Function
A23151-00	A23161-00	N/A	E, T	561
A23152-00	A23162-00	N/A	E, T	411/501/511/521/581
A23151-02	A23161-02	N/A	E, T	571
A23151-02	A23161-02	A23171-01	H	561
A23152-02	A23162-02	A23172-02	H	411/501/511/521/581
A23151-03	A23161-03	A23171-02	H	571

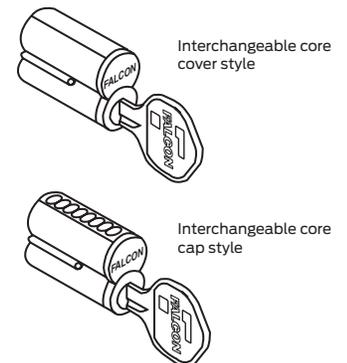
Note: Specify finish 606 or 626. Specify keyway: "E", "G" (standard), "H", "K", "L", "N" or "P".



Falcon interchangeable cores

Catalog number	Description
C606	For use in all X Series I/C keyed locks-6-pin (cover style)
C607	For use in all X Series I/C keyed locks-7-pin (cover style)
CB806	For use in all X Series I/C keyed locks-6-pin (cap style)
CB807	For use in all X Series I/C keyed locks-7-pin (cap style)

Note: Falcon offers limited number of competitor keyways with Falcon X Series. For more information please see the price book.



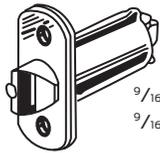
Latches



Square corner
9/16" projection



Square corner
3/4" projection



9/16" Radius corner
9/16" projection

Grade 1, UL listed

Catalog number	Description	Faceplate size	Corner	Projection
A98535-000	2 3/4" backset spring	2 1/4" x 1 1/8"	Square	9/16"
A98535-00D	2 3/4" backset deadlocking	2 1/4" x 1 1/8"	Square	9/16"
A98538-000	2 3/4" backset spring	2 1/4" x 1 1/8"	Radius 9/16"	9/16"
A98538-00D	2 3/4" backset deadlocking	2 1/4" x 1 1/8"	Radius 9/16"	9/16"
A98535-0SD	2 3/4" backset deadlocking	2 1/4" x 1 1/8"	Square	3/4"
A98538-0SD	2 3/4" backset deadlocking	2 1/4" x 1 1/8"	Radius 9/16"	3/4"

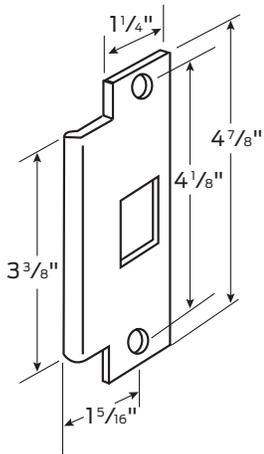
Note: Specify finish 606, 613, 630.

Latches for X Series locks are UL listed. 2 3/4" backset standard.

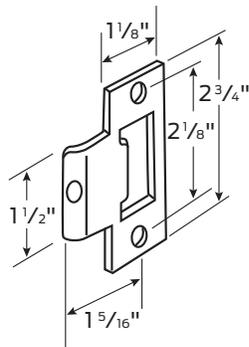
1/8" width latch face minimum. Unless otherwise specified. We furnish a 2 1/4" x 1 1/8" square corner faceplate on 2 3/4" backset latches front standard.

Strikes

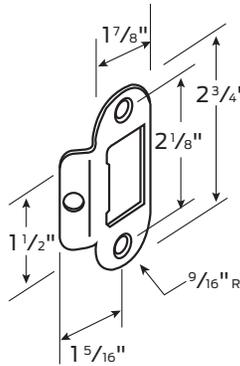
Furnished with a 4 7/8" ANSI strike unless otherwise specified. Please see Falcon price book for available backsets and dustboxes.



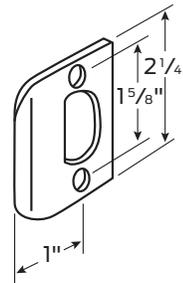
005164-000
ANSI prep A115.2



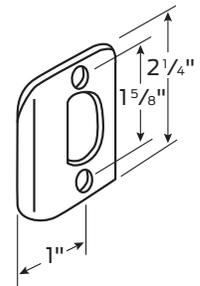
A05185-000
T-strike
square corner



A05133-004
Vermin proof strike
for ships



Q001-049
Full lip,
square corner



Q001-048
Full lip, 1/4"
radius corner

About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries. For more, visit www.allegion.com.

KRYPTONITE ■ LCN ■  ■ STEELCRAFT ■ VON DUPRIN



© 2019 Allegion
013203, Rev. 06/19
www.allegion.com/us