

FALCON®

Grade 1, extra heavy-duty cylindrical lever locks

T Series

Overview

Simply put, the Falcon® T Series lock is the most versatile lockset in the industry. This extra heavy-duty lock can accept most manufacturer's cylinders. Designed with compression springs in the spring cages, T Series virtually eliminates lever sag for long lasting performance. This adaptable lock is well suited for either new construction or retrofit use in buildings as varied as multifamily, retail, institutional and government/military.



Finishes



605
Bright Brass



606
Satin Brass



613
Oil Rubbed
Bronze



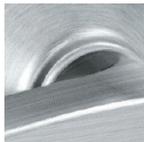
619
Satin Nickel



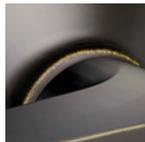
622
Matte Black



625
Bright Chrome



626
Satin Chrome



643e
Aged Bronze

Lever styles



Avalon (AVA)
Avalon with abrasive tactile warning (6AV)¹



Boardwalk (BRK)



Broadway (BRW)



Dane (DAN)
Dane with abrasive tactile warning (6DA)¹



Latitude (LAT)



Longitude (LON)

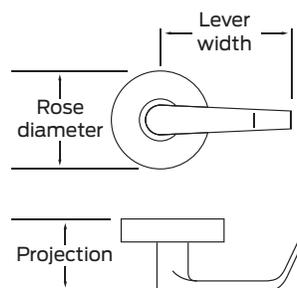


Quantum (QUA)
Quantum with abrasive tactile warning (6QU)¹

Dimensions

Lever	Width	Projection
Avalon (AVA)	5"	3 1/4"
Boardwalk (BRK)	5"	3 7/8"
Broadway (BRW)	4 1/2"	3 7/8"
Dane (DAN)	5"	3 1/4"
Latitude (LAT)	4 1/2"	3 7/8"
Longitude (LON)	5"	3 7/8"
Quantum (QUA)	5"	3 1/4"

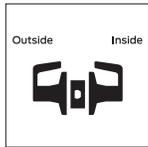
Rose	Diameter
Standard	3 1/2"



Note: Return to door meets 1/2" requirement for Boardwalk (BRK), Dane (DAN), Longitude (LON) and Quantum (QUA) levers

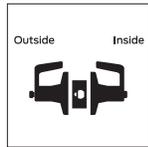
¹ Not available in 613 finish

Functions



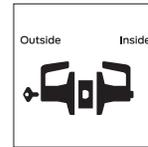
Falcon 101
ANSI F75
Passage/closet latch

- Latch bolt operated by levers/knobs from either side at all times.
- Inside lever/knob always free for immediate egress.



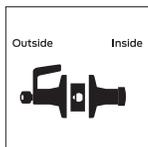
Function 291
ANSI -
Privacy hospital lock

- Latch bolt operated by levers/knobs from either side.
- Outside lever/knob locked by push button on inside lever/knob.
- Rotating inside lever/knob, closing door, or turning emergency release turn button on outside releases button.
- Inside lever/knob always free for immediate egress.



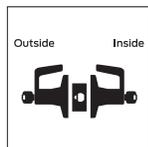
Falcon 301
ANSI F76
Bath/bedroom privacy lock

- Latch bolt operated by levers/knobs from either side.
- Outside locked by push button on inside lever/knob.
- Rotating inside lever/knob or closing door releases button. Emergency release tool used on outside unlocks door.
- Inside lever/knob always free for immediate egress.



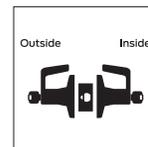
Falcon 351
ANSI -
Closet lock

- Latch bolt operated by lever/turn knob from either side except when outside lever/knob is locked by key.



Falcon 381
ANSI F88
Classroom security lock

- Latch bolt operated by levers/knobs from either side except when outside lever/knob is locked from inside or outside by key.
- Unlock by key outside or by operating inside lever/knob.
- Inside lever/knob always free for immediate egress.



Falcon 411
ANSI F87
Asylum lock

- Latch bolt operated by key from either side.
- Both levers/knobs always inoperable.

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.



Key



Emergency key



Pushbutton



Turn/push button

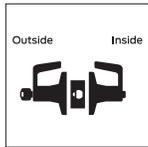


Springlatch



Deadlatch

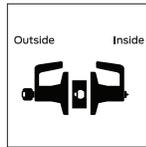
Functions



Falcon 501
ANSI F82
Entry lock

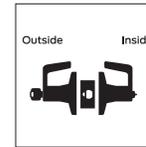
- Latch bolt operated by lever/knob from either side.
- Push button locking. Button on inside locks outside lever/knob until unlocked by key outside or by rotating inside lever/knob.
- Inside always free for immediate egress.

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.



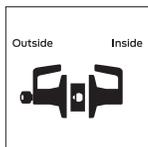
Falcon 511
ANSI F109
Entry/office lock

- Turn/push button locking: Pushing and turning button locks outside lever/knob requiring use of key until button is manually unlocked.
- Push button locking: Pushing button locks outside lever/knob until unlocked by key or by rotating inside lever/knob.
- Inside lever/knob always free for immediate egress.
- Latch bolt operated by levers/knobs.
- Key enables only unlocking from outside.



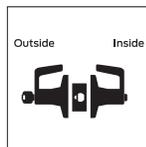
Falcon 521
ANSI F81
Office lock

- Turn button locking. Turning button locks outside lever/knob requiring use of key until button is manually unlocked.
- Latch bolt operated by levers/knobs.
- Key enables only unlocking from outside.
- Inside always free for immediate egress.



Falcon 561
ANSI F84
Classroom lock

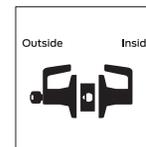
- Latch bolt operated by lever/knob.
- Outside lever/knob is locked by key in outside lever/knob.
- Inside always free for immediate egress.



Falcon 571
ANSI F90
Dormitory/corridor lock

- Latch bolt operated by levers/knobs except when locked by push button from inside.
- Key in outside lever/knob locks or unlocks lever/knob and releases button.
- Closing door releases push button.
- Inside always free for immediate egress.

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.



Falcon 581
ANSI F86
Storeroom lock

- Latch bolt operated by lever/knob inside or key outside.
- Outside lever/knob is inoperable.
- Inside always free for immediate egress.



Key



Emergency key



Pushbutton



Turn/push button

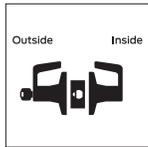


Springlatch



Deadlatch

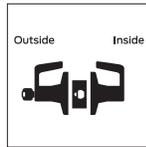
Functions



Falcon 851
ANSI -
Storeroom (electrified-fail safe)

- Latch bolt operated by lever/knob from either side except when outer lever/knob is electrically locked.
- When outer lever/knob is locked (inoperable), latch bolt retracted by key in cylinder outside. Inside lever/knob always free for immediate egress.

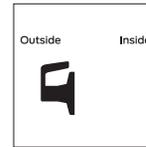
Note: Specify 12V (.65 Amps) or 24V (.32 Amps) DC, continuous duty.



Falcon 881
ANSI -
Storeroom (electrified-fail secure)

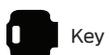
- Latch bolt operated by lever/knob inside except when outer lever/knob is electrically unlocked, then latch bolt from either side.
- When locked, key in cylinder outside retracts latch bolt.
- Inside lever/knob always free for immediate egress.

Note: Specify 12V (.65 Amps) or 24V (.32 Amps) DC, continuous duty.



Falcon 12
ANSI -
Dummy trim

- Single trim, surface-mounted rigid lever/knob.



Key



Emergency key



Pushbutton



Turn/push button



Springlatch



Deadlatch

Cylinders

Conventional cylinder

L	Less 6-pin conventional cylinder
P	6-pin conventional cylinder (pinned to 5)
P6	6-pin conventional cylinder (pinned to 6)
P7	7-pin conventional cylinder (pinned to 7)
CP6	6-pin conventional cylinder, Schlage C

Full size interchangeable core (FSIC)

J	Less FSIC ²
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Small format interchangeable core (SFIC)

B	Less SFIC
BB	7-pin SFIC, Best style
BDC	SFIC disposable construction core
G¹	SFIC, Falcon style ¹
H	SFIC refundable construction core

¹ 6-pin standard, specify G7 if 7-pin is desired.

² Levers are offered to fit a number of competitive FSIC cylinders. See price book or Falcon catalog for list of options.

Compatibility with competitors' conventional or FSIC cylinders

The T Series lockset can be ordered less cylinder made to fit a number of competitive conventional or full size IC cylinders. Please see catalog or price book for details.

Availability of conventional cylinders in competitive keyways (6-pin)

The T Series lockset can be ordered with a conventional cylinder in a number of competitive open keyways. For a complete list of options see the Falcon catalog or price book.

Compatibility with competitors' SFIC cylinders

Falcon locksets also accept the following cores:

- Schlage
- Arrow (including Flex Core)
- Best (including PKS and Peaks)
- InstaKey
- Kaba Peaks
- Keymark
- KSP

When specifying "B" for less SFIC cylinder, please note that these manufacturer's cylinders all fit the Falcon lever and spring cage configuration. The appropriate Falcon tailpiece will be provided with the lockset.

Specifications

Chassis

Material	Parts constructed of brass or cold formed steel, zinc plated and dichromated for rust resistance. Springs are stainless steel. Compression spring design supports levers, eliminating lever sag and providing years of reliable service.
Door thickness	1 3/4" to 2 1/4" standard. Thin door adapter kit (A30775-000-00) available for doors 1 3/8" to 1 3/4".

Trim

Handing	Non-handed
Lever	Standard: Levers are pressure cast zinc (solid levers no inserts) material finished to match mating parts. Optional: Tactile feature
Rose	Roses are heavy wrought brass or bronze, installed over pressure cast rose inserts which are through-bolted.

Latch

Backset	Standard: 2 3/4" Optional: 2 3/8" and 5" (see price book)
Faceplate	1 1/8" x 2 1/4", square corner faceplate
Latch	1" housing diameter, 1/2" throw
Strike	4 7/8" x 1 1/4" ANSI strike with curved lip to meet ANSI A115.2 door frame preparation standard

Keying

Cylinder format	Conventional cylinder, drilled with 6-pin chambers, pinned in 5 comes standard. Pinning in 6 chambers available (at no cost) when specified. Optional 7-pin conventional and 6- or 7-pin Small Format Interchangeable Core (SFIC) cylinders. Cylinder housings and plugs machined from solid brass. Springs are phosphor bronze. Two nickel silver keys furnished standard.
Keyway	"G" keyway standard on conventional cylinders.; "A" keyway standard on SFIC cylinders. Additional options: Falcon, Schlage and many Best and Arrow keyways.

Wired Electrified

Input voltage	24 volt standard , option for 12v
Operating mode	T851: Fail Safe T881: Fail Secure
Current draw	Available in both 12 (.65 Amps) or 24 (.32 Amps) volt DC, continuous duty

Screws

Furnished with combination screws for use in wood or metal doors and frames

Warranty

Limited warranty, 10 years from date of manufacturer, see price book for details

Specifications

Certifications

ANSI/BHMA	Certified ANSI/BHMA A156.2, Series 4000, Grade 1
UL/cUL	Listed for 3-hour fire door, A label
CA Fire Code	All levers with a return to door of 1/2" (64 mm) or less comply (Boardwalk, Dane, Longitude and Quantum)
Federal	BAA listed
Other	ADA compliant