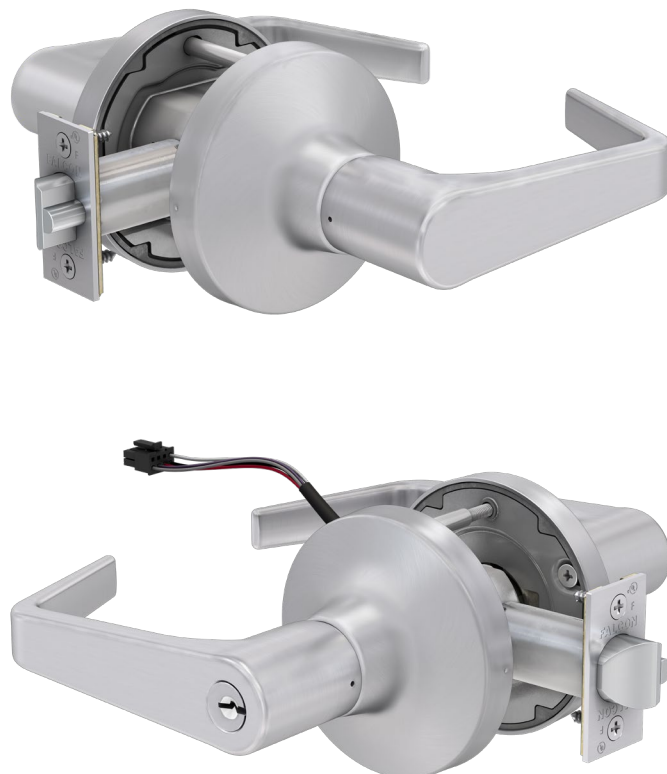


TM Series

Grade 1 Cylindrical Locks

OVERVIEW

Falcon TM Series cylindrical locks deliver Grade 1 strength, flexibility, and value for cost-sensitive projects that still demand heavy-duty performance. Designed as the next generation of the legacy Falcon T, this lock combines a robust chassis with installer-friendly features and modern electrified options that simplify both new construction and retrofit applications. Ideal for commercial and institutional facilities, TM offers a published 2.5 million cycle life, Pressure Release™ clutching lever protection with free-wheeling operation under abusive loads (tested to 2,100 in-lbs), and stainless-steel latch construction to enhance security and longevity at high-use openings. Preinstalled retained screws reduce installation time and service complexity, while broad cylinder compatibility supports owner standards across portfolios. With available motor-driven electrified functions, request-to-exit monitoring, and Allegion Connect harness options for easy integration into access control systems, Falcon TM provides specifiers a dependable solution to suite across Falcon's lock, exit, and closer portfolio.



FINISHES



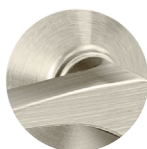
605
Bright Brass



606
Satin Brass



613
Oil Rubbed
Bronze



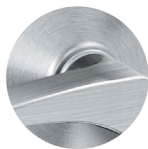
619
Satin Nickel



622
Matte Black



625
Bright Chrome



626
Satin Chrome



643e¹
Aged Bronze

1. e = an equivalent finish to the BHMA standard

LEVER STYLES



AVA (Avalon)
6AV - Abrasive tactile warning¹



BRK (Boardwalk)



BRW (Broadway)



DAN (Dane)
6DA - Abrasive tactile warning¹



LAT (Latitude)



LON (Longitude)

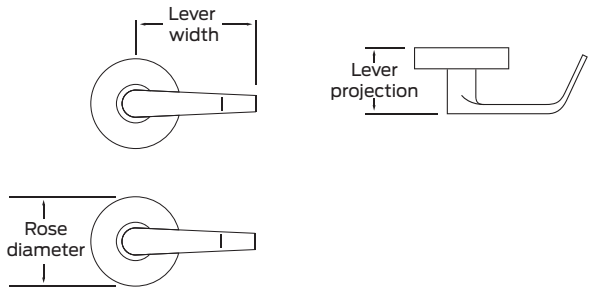


QUA (Quantum)
6QA - Abrasive tactile warning¹

Dimensions		
Lever	Width	Projection
AVA (Avalon)	5.00"	3.25"
BRK (Boardwalk)	5.00"	3.875"
BRW (Broadway)	4.50"	3.875"
DAN (Dane)	5.00"	3.25"
LAT (Latitude)	4.50"	3.875"
LON (Longitude)	5.00"	3.875"
QUA (Quantum)	5.00"	3.25"

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

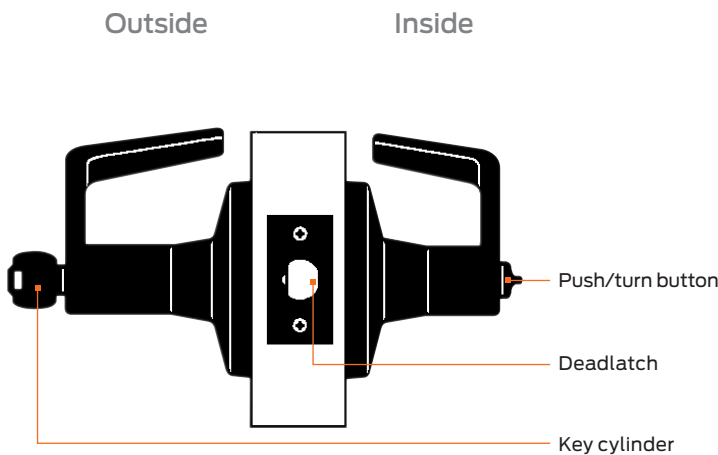
Rose	Diameter
Standard	3.50"



1. Tactile levers feature an abrasive strip along the inside length of the lever to help the blind or visually impaired identify entrances that may be hazardous. To order, preface the design code with a 6 (example: 6DA for Dane). Not available on 613 finish as abrasive strip will not hold. Competitor cylinder options only available with 6DA/Dane lever style.

FUNCTIONS

Legend



Key

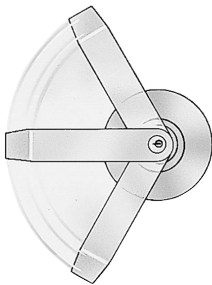
	Key		Push button
	Emergency key		Push/turn button
	Springlatch		Deadlatch

Product Identification Guide

TM.501.P.DAN.626.134

Lock series	501
Function code	P
Cylinder	DAN
Outside lever style	626
Outside finish	6
Door thickness	134

P Conventional 6-pin cylinder, keyed 5
P6 Conventional 6-pin cylinder
P7 Conventional 7-pin cylinder
L Less conventional 6-pin cylinder
L7 Less conventional 7-pin cylinder
BB6 SFIC 6-pin BEST® capping
BB7 SFIC 7-pin BEST® capping
G6 SFIC 6-pin Falcon® slide capping
G7 SFIC 7-pin Falcon® slide capping
H Refundable Construction SFIC
BDC Disposable Construction SFIC
J Less FSIC (specify manufacturer)
B Less SFIC



Pressure Release™ Feature

Pressure Release™ clutching lever protection standard. It allows the outside lever to rotate freely up and down when locked to limit the ability of vandals to apply excessive force to the chassis helping to prevent damage to internal components.

Note: See Falcon Pricebook for full how to order guide.

MECHANICAL NON-KEYED FUNCTIONS

Falcon TM12

ANSI
-

Single dummy trim

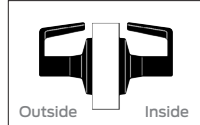


- Fixed lever one side only; no latch or chassis
- Used for door pull or matching inactive trim

Falcon TM18

ANSI
-

Double dummy trim

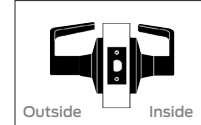


- Fixed lever - both sides; no latch or chassis
- Used for door pull or matching inactive trim

Falcon TM101

ANSI
F75

Passage latch



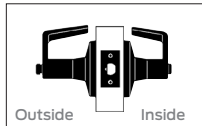
- Spring latch bolt retracted by both levers
- Outside lever always unlocked for immediate ingress
- Inside lever always unlocked for immediate egress

Request to Exit (RX) available, assembly required.

Falcon TM291

ANSI
-

Hospital privacy lock



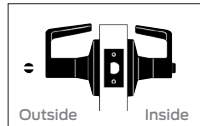
- Spring Latch bolt retracted by both levers
- Outside lever locked by push button in inside lever
- Outside lever clutches when locked
- Rotating inside lever or closing door releases push button and unlocks outside lever
- Rotating emergency release turn button in outside by hand releases push button and unlocks outside lever
- Inside lever always unlocked for immediate egress

Request to Exit (RX) available, assembly required.

Falcon TM301

ANSI
F76

Bath/bedroom privacy lock



- Spring Latch bolt retracted by both levers
- Outside lever locked by push button in inside lever
- Outside lever clutches when locked
- Rotating inside lever or closing door releases push button and unlocks outside lever
- Rotating emergency release turn button in outside by emergency key or flat blade tool releases push button and unlocks outside lever
- Inside lever always unlocked for immediate egress

Request to Exit (RX) available, assembly required.

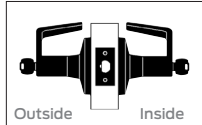
To order an emergency key use part number 35-250.

MECHANICAL KEYED FUNCTIONS

Falcon
TM381

ANSI
F88

Vestibule lock



- Lever with key cylinder both sides; deadlatch
- In unlocked state latch is retracted by either lever
- Outside lever is made inoperative by key inside; key outside does not lock
- Key outside retracts latch but cannot unlock outside lever; only key inside unlocks
- Inside lever always free for immediate egress

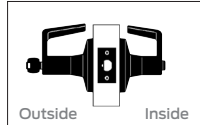
Not available with L-SAR, L-YA6, J-MED, J-SAR, J-YA6, J-YA7, J-CO6 cylinder configurations.

Request to Exit (RX) available, assembly required.

Falcon
TM501

ANSI
F82

Entry lock



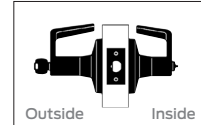
- Latch bolt retracted by outside lever when unlocked
- Push-button on inside locks outside lever until unlocked by key in outside or by rotating inside lever
- Outside lever clutches when locked
- Inside lever always unlocked for immediate egress
- Deadlocking latch bolt

Request to Exit (RX) available, assembly required.

Falcon
TM511

ANSI
F109

Entry/office lock



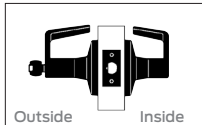
- Latch bolt retracted by outside lever when unlocked
- Push-button on inside locks outside lever until unlocked by key in outside or by rotating inside lever
- Pushing and turning button on inside locks outside lever requiring use of key in outside to retract latch bolt until button is manually unlocked
- Outside lever clutches when locked
- Inside lever always unlocked for immediate egress
- Deadlocking latch bolt

Request to Exit (RX) available, assembly required.

Falcon
TM561

ANSI
F84

Classroom lock



- Latch bolt retracted by outside lever when unlocked
- Outside lever locked and unlocked by key in outside
- Outside lever clutches when locked
- Inside lever always unlocked for immediate egress
- Deadlocking latch bolt

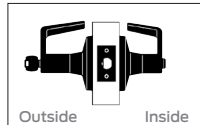
Not available with L-SAR, L-YA6, J-MED, J-SAR, J-YA6, J-YA7, J-CO6 cylinder configurations.

Request to Exit (RX) available, assembly required.

Falcon
TM571

ANSI
F90

Dormitory/corridor lock



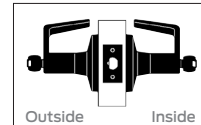
- Latch bolt retracted by outside lever when unlocked
- Outside lever locked and unlocked by key in outside
- When outside lever is locked by key, it can only be unlocked by key
- Outside lever clutches when locked
- Push-button on inside locks outside lever
- Turning inside lever or closing door releases push-button
- Inside lever always unlocked for immediate egress
- Deadlocking latch bolt

Request to Exit (RX) available, assembly required.

Falcon
TM575

ANSI
F110

Classroom security lock (180-degree lockdown)



- Latch bolt retracted by outside lever when unlocked
- Outside lever locked by key in either outside or inside by rotating key 180 degrees counterclockwise and returning to start position.
- Outside lever unlocked by key in either outside or inside by rotating key 180 degrees clockwise and returning to start position.
- Outside lever clutches when locked
- Inside lever always unlocked for immediate egress
- Deadlocking latch bolt

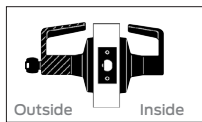
Not available with L-SAR, L-YA6, J-MED, J-SAR, J-YA6, J-YA7, J-CO6 cylinder configurations.

Request to Exit (RX) available, assembly required.

Falcon
TM581

ANSI
F86

Storeroom lock



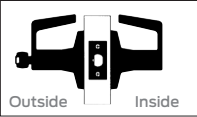
- Outside lever always locked
- Outside lever clutches when locked
- Latch bolt retracted by key in outside
- Inside lever always unlocked for immediate egress
- Deadlocking latch bolt

Request to Exit (RX) available, assembly required.

ELECTRIFIED KEYED FUNCTIONS

Falcon
TM851

ANSI
-



Storeroom lock
(electrified-fail
safe)

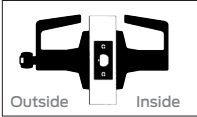
- Latch bolt retracted by outside lever when unlocked
- Latch bolt retracted by key in outside when outside lever is electrically locked (EL)
- Outside lever clutches when locked
- Inside lever always unlocked for immediate egress
- Deadlocking latch bolt
- Locked by 12 or 24 VDC continuous duty

Only available in standard door range: 1-3/8" - 1-3/4".
Spacer kit required for door thinner than 1-5/8".

Request to Exit (RX) available, assembly required.

Falcon
TM881

ANSI
-



Storeroom lock
(electrified-fail
secure)

- Latch bolt retracted by outside lever when outside lever is electrically unlocked (EU)
- Latch bolt retracted by key in outside when outside lever is locked
- Outside lever clutches when locked
- Inside lever always unlocked for immediate egress
- Deadlocking latch bolt
- Unlocked by 12 or 24 VDC continuous duty

Only available in standard door range: 1-3/8" - 1-3/4".
Spacer kit required for doors thinner than 1-5/8".

Request to Exit (RX) available, assembly required.

CYLINDERS

Conventional cylinder

L	Less conventional KIL, Falcon or Schlage 6-pin
L7 ¹	Less conventional KIL, Falcon 7-pin
P	Conventional KIL, Falcon 6-pin/keyed 5
P6	Conventional KIL, Falcon 6-pin
P7 ¹	Conventional KIL, Falcon 7-pin
CP6	6-pin conventional cylinder, Schlage C Keyway

Full size interchangeable core (FSIC)

J	Less FSIC, Schlage 6-pin
J7	Less FSIC, Schlage SL 7-Pin

Small format interchangeable core (SFIC)

B	Less SFIC
BB6	SFIC, Falcon 6-pin, BEST capping
BB7	SFIC, Falcon 7-pin, BEST capping
BDC	Disposable SFIC construction core
G	7-pin SFIC (A2 pinning) with Falcon logo
G6	SFIC, Falcon 6-pin, slide capping
G7	SFIC, Falcon 7-pin, slide capping
H6	Refundable Construction SFIC, 6-pin
H7	Refundable Construction SFIC, 7-pin

Competitor cylinder options

L-FA7	Less conventional KIL, Falcon 7-pin
L-SAR ²	Less conventional KIL, 6-pin Sargent
L-YA6 ²	Less conventional KIL, 6-pin Yale
L-CO6	Less conventional KIL, 6-pin Corbin Russwin
L-CO7	Less conventional KIL, 7-pin Corbin Russwin
L-MED	Less conventional KIL, Medeco
L-AS6	Less conventional KIL, 6-pin Assa Abloy
L-PK6	Less conventional KIL, 6-pin Peaks/Kaba
J-MED	Less FSIC, 7-pin Medeco
J-SAR ²	Less FSIC, 6-pin Sargent
J-YA6 ²	Less FSIC, 6-pin Medeco or 6-pin Yale
J-YA7 ²	Less FSIC, 7-pin Yale
J-CO6 ²	Less FSIC, 6-pin Corbin Russwin

1. Available with Dane lever only.

2. Not available on TM381 vestibule, TM561 classroom and TM575 classroom security functions.

SPECIFICATIONS

Chassis	
Material	Modular design of zinc and steel components plated for corrosion protection
Door thickness	Standard (134): Fits doors 1-3/8" (35 mm) to 1-3/4" (44 mm) without adjustment (spacers are needed for doors 1-5/8" thick or less for electrified and RX options) Optional (218): Fits doors up to 2-1/8" (54 mm) thick without adjustment (not available for double dummy or electrified functions)
Trim	
Handing	Non-handed
Lever	Standard: Pressure cast zinc, plated to match product finish specification in seven designs - AVA (Avalon), BRK (Boardwalk), BRW (Broadway), DAN (Dane), LAT (Latitude), LON (Longitude), QUA (Quantum) Optional: Tactile feature available for three designs, specify 6AV, 6DA, 6QU (see page 7 for cylinder compatibility)
Rose	Heavy wrought brass, installed over pressure cast rose inserts which are through-bolted
Finishes	8 available: 605, 606, 613, 619, 622, 625, 626, 643e
Latches & Strikes	
Backset	Standard: 2-3/4" (70 mm) Optional: 2-3/8", 3-3/4" and 5" (60 mm, 95 mm and 127 mm)
Faceplate	Standard: square corner 1-1/8" x 2-1/4" (29 mm x 57 mm) with retained screws Optional: square corner 1" x 2-1/4" (25 mm x 57 mm) for 2-3/4" and 2-3/8" backset doors
Latch bolt	Standard: 1" (25mm) housing diameter, 1/2" (13 mm) throw, restoring spring latch or deadlatch with retained screws; stainless steel Optional: 7/8" (22 mm) housing diameter with 1/2" (13mm) throw; 1" (25mm) housing diameter with 3/4" (19 mm) throw anti-friction fire door deadlatch with screw pack
Strike	Standard: ANSI curved lip: 1-1/4" x 4-7/8" x 1-3/16" (32 mm x 124 mm x 30 mm) with retained screws; Dust box available (not standard) Optional: T Strike, ANSI strikes with alternative lip lengths, radius corner, and dust box options
Keying	
Cylinder format	Standard: Falcon solid brass 6-pin conventional cylinder (P), keyed 5-pin, with two nickel silver cut keys Optional: Conventional cylinders and SFIC options keyed 6-pin (P6) or 7-pin (P7), plus less cylinder options made to fit non-Falcon cylinders from Schlage, Best, Corbin Russwin, Medeco, Sargent and Yale/ Accentra (see page 7 for cylinder limitations)
Keyway	Standard: Falcon open "G" keyway, keyed different (KD) with conventional cylinders; "A" Keyway on SFIC cylinders Optional: Open, restricted, master keying and construction keying, including Schlage® C keyways or Best and Arrow keyway equivalents
Wired electrified	
Input voltage	Autodetecting 12-24V DC, +/- 10%
Operating mode	TM851: Configured in fail-safe mode TM881: Configured in fail-secure mode
Peak current	0.24 amps (240mA)
Holding current	0.01 amps (10mA)
Operating temperature	32°F to 120°F (0°C to 49°C)

SPECIFICATIONS

Screws	
	Furnished with combination screws for use in wood or metal doors and frames
Warranty	
	Limited warranty, 10 years from date of manufacturer; 3 year electrical, 3 year finish (see price book)
Certifications	
ANSI/BHMA	Certified ANSI/BHMA A156.2, Series 4000, Grade 1 Certified ANSI/BHMA A156.25, Full Indoor Type, Low Voltage Wired
ICC	Complies with ICC A117.1 Accessible and Usable Buildings and Facilities
UL/cUL	UL 10C and CAN/ULC-S104 listed 3-hour fire door - A label single doors, 4' x 10' and pairs 8' x 10' - Letter F and UL symbol on latch front indicate listing
CA Fire Code	All levers with a return to door of 1/2" (13 mm) or less comply (Boardwalk, Dane, Longitude and Quantum)
FL Building Code	Complies with Florida Building Code requirements for hurricanes
Federal	Meets FF-H-106C Series 161