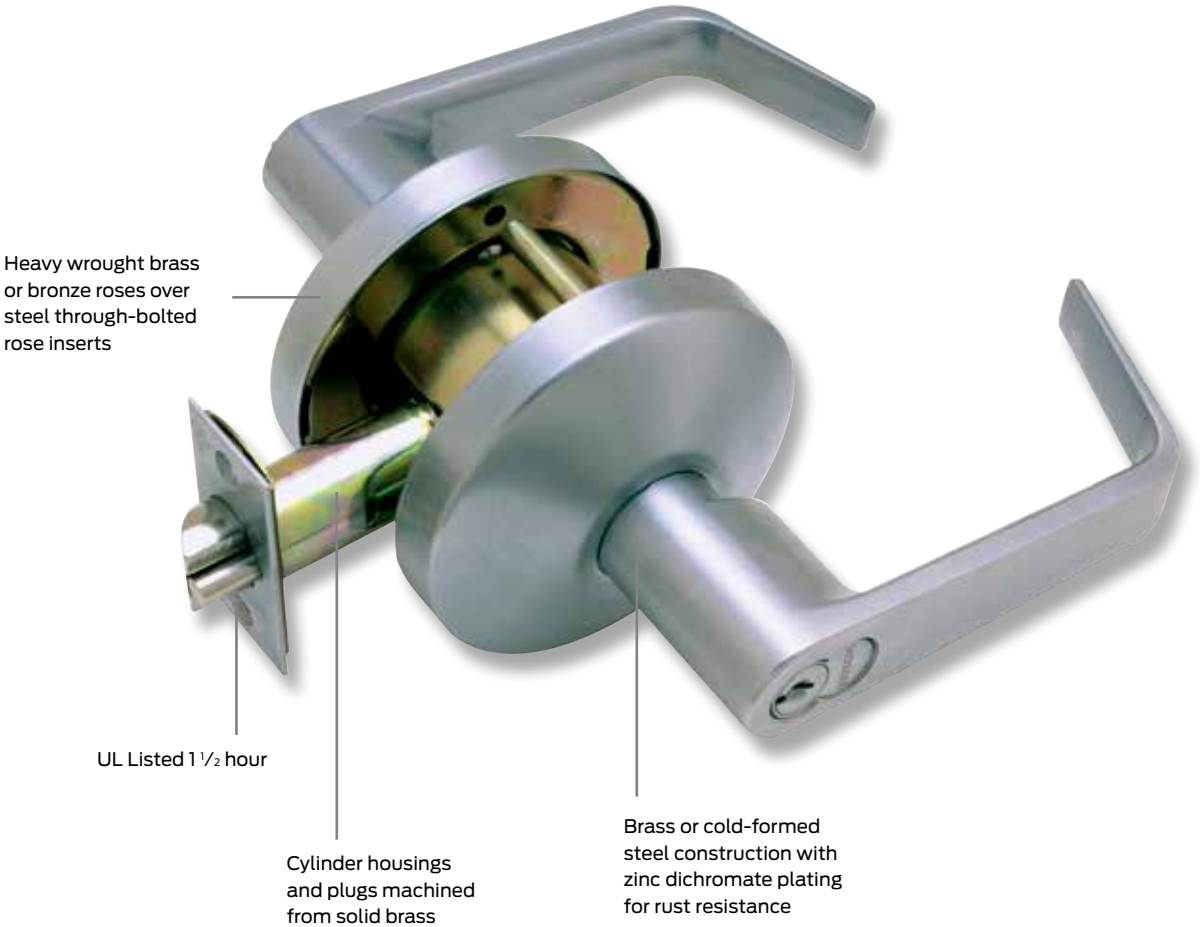


B Series

Grade 2, medium-duty cylindrical lever locks

When you need a tough, reliable lock for a government/military, retail, industrial or multi-family project, you need a Falcon B Series lock. Our full line of Grade 2 locksets are a perfect replacement for existing locks, or a smart specification in new construction. With upgraded finishes, these locks deliver style as well as strength. Falcon B Series locks feature an interchangeable core that can be removed for quick, easy re-keying, and are compatible with SFIC products from other manufacturers. Most importantly, they're backed by one of the best names in the business.

Features



B Series

Features

Door thickness: 1 3⁄8" to 2" standard.

Backset: 2 3⁄4" standard. 2 3⁄8" also available.

Mechanism: Parts constructed of brass or cold formed steel, zinc plated and dichromated for rust resistance. Springs are stainless steel.

Attachment: Lock chassis secured to door by two screws which pass through a steel rose insert inside and thread directly into the outer rose mounting assembly.

Handing: Locks are non-handed.

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

Competitor cylinders: The B Series accepts these standard 6-pin cylinders: Assa, Kaba, Lori, Medeco, Primus and Schlage.

Keyways: "G" keyway standard on standard cylinders. "A" keyway standard on I/C core cylinders. Also available with some optional keyways. See page 66.

Trim: Roses are 3 1⁄2" diameter, heavy wrought brass or bronze, installed over steel rose inserts which are through-bolted through door. Levers are pressure cast zinc (solid levers no inserts) material finished to match mating parts.

Latches: 1⁄2" bolt projection. UL (3-hour, A Label) listed. Latches have self-adjusting fronts to accommodate beveled or flat doors. 2 3⁄8" backset with 2 1⁄4" x 1" latchfaces, 2 3⁄4" backset with 2 1⁄4" x 1 1⁄8" latchfaces. Deadlocking latches have a solid round bar stock DL bar preventing latch jamming and/or lock outs.

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

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

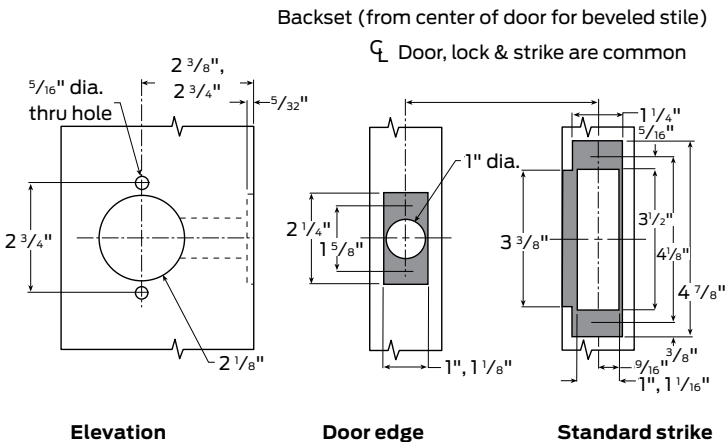
ANSI/BHMA: Exceeds ANSI/BHMA A156.2, Series 4000, Grade 2.

UL: 3 hour, A label.

Specifications

Key-in-lever cylindrical locksets shall be Falcon B Series or equal and meet the following requirements:

- All locks shall meet the new ANSI/BHMA A156.2, Series 4000, Grade 2 test requirements for key-in-lever locksets.
- Locksets shall be UL Listed 3-hour, A Label.
- Lever trim shall have individual heavy-duty springs for lever return and to prevent lever sag. Trim shall be through-bolted with screws coated with thread sealant to provide strength and resistance to loosening.
- Roses shall be 3 1⁄2" diameter.
- All lever designs shall be solid (no inserts) and meet the federal ADA and state disability requirements.
- Locksets shall adjust to fit door thickness from 1 3⁄8" to 2".
- All locksets shall be non-handed and not require field disassembly for re-handing.
- Preparation for door must be non-handed. Acceptable manufacturer: Falcon lock

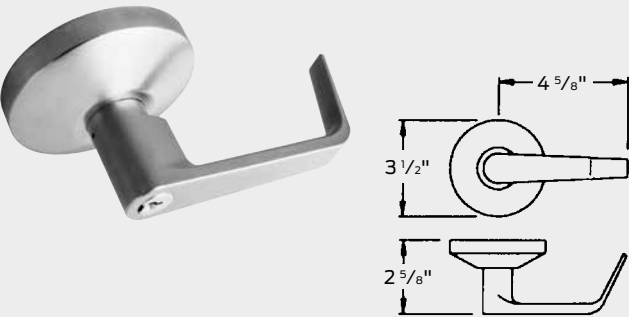


Designs and styles

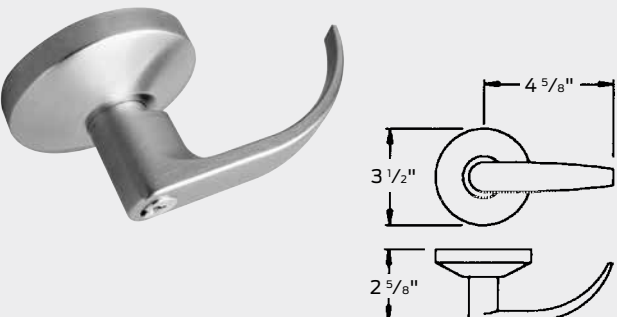
Lever styles

Levers are solid pressure cast zinc, finished to match mating parts. Roses are wrought brass or bronze installed over steel through-bolted rose inserts. Levers are secured by a spring-loaded retainer. Retainer in keyed lever cannot be depressed without key.

Dane (D)



Quantum (Q)



Abrasive strip levers


All levers are available with an abrasive strip along the inside length of the lever to identify entrances that may be hazardous to the handicapped. To order, change trim designation to: 6DA (Dane) or 6QU (Quantum) in trim section of order. Not vailable on 613 finish as abrasive strip will not hold.











Trim finishes chart

Description	ANSI No.	Available on
Bright brass	605	All trim
Satin brass	606	All trim
Satin bronze	612	All trim
Oil rubbed bronze	613	All trim
Bright chrome	625	All trim
Satin chrome	626	All trim

Functions

To order Falcon B Series locksets, please consult page 70 for ordering information and assistance.

 Indicates interchangeable core available.

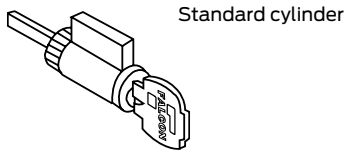
Catalog number	Function	Name	Description	ANSI no.
B101		Passage/closet set	Latch bolt by levers at all times.	F75
B161		Communicating/exit latch	Deadlocking latch bolt by inside lever. Non-removable blank plate outside.	
B301		Privacy lock	Latch bolt by levers. Outside lever locked by push button in inside lever. Rotating inside lever or closing door releases push button. Emergency release in outside lever unlocks door.	F76
B341		Connecting room/exit lock	Connecting room/exit lock—Deadlocking latch bolt by inside lever except when locked by key. Non-removable blank plate outside ($22/32$ " projection).	
B501		Entry lock	Push button locking. Button on inside locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.	F82
B511		Entry/office lock	Turn/push button locking. Pushing and turning button locks outside lever requiring use of key until button is manually unlocked. Push button locking. Pushing button locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.	F109
B561		Classroom lock	Deadlocking latch bolt by levers. Outside lever is locked by key in outside lever. Inside lever is always free.	F84
B581		Storeroom lock	Deadlocking latch bolt by lever inside or key outside. Outside lever is rigid. Inside lever is always free.	F86
B611		Dormitory/corridor lock	Deadlocking latch bolt by levers except when locked by push button on inside lever. Key in outside lever locks or unlocks outside lever and releases button. Closing door releases push button. Inside lever is always free.	
B12		Single dummy	Single trim. Surface mounted rigid lever.	

Cylinders and competitor keyways

Falcon standard cylinders

Catalog number	Description	
A23155-02	5-pin	For use in all B Series except B611*
A23155-06	5-pin	For use in all B Series except B611*
A23165-02	6-pin	For use in all B Series except B611*
A23165-06	6-pin	For use in all B Series except B611*

Note: Specify finish: 606 or 626.
Specify keyway: "E", "G" (standard), "H", "K", "L", "N", "P".
*B611 use same part number except -011, -11D and -11A



Standard cylinder

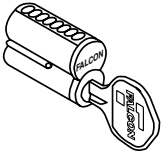
Falcon interchangeable cores

Catalog number	Description	
C606	For use in all B Series I/C keyed locks (cover style)	
C607	For use in all B Series I/C keyed locks (cover style)	
CB806	For use in all B Series I/C keyed locks (cap style)	
CB807	For use in all B Series I/C keyed locks (cap style)	

Note: Specify finish: 606 or 626.
Specify keyway: "A" (standard) or other keyway.



Interchangeable core cover style



Interchangeable core cap style

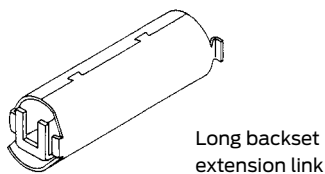
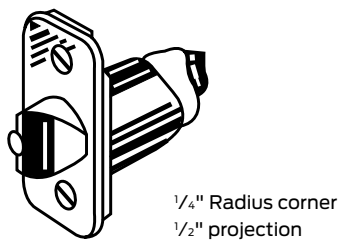
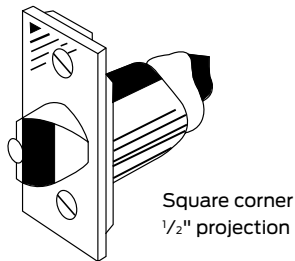
Standard cylinders with competitor keyways-6-pin

Catalog number	Description
A23167-013	Corbin 60 'O' bitted
A23167-13D	Corbin 60 'KD' keyed different
A23168-013	Russwin D1 'O' bitted
A23168-13D	Russwin D1 'KD' keyed different
A23174-013	Corbin Russwin L4 'O' bitted
A23174-13A	Corbin Russwin L4 'KA' keyed alike 4
A23166-013	Sargent LA 'O' bitted
A23166-13D	Sargent LA 'KD' keyed different
A23160-013	Schlage C 'O' bitted
A23160-13A	Schlage C 'KA' keyed alike 4
A23160-13D	Schlage C 'KD' keyed different
A23159-013	Schlage E 'O' bitted
A23169-013	Yale 8 (PARA) 'O' bitted
A23169-13D	Yale 8 (PARA) 'KD' keyed different

Note: Specify finish 606 or 626
For B611 use same part number except -011, -11A, -11D

Note: Construction keying available. Reference page 101 for more information.

Latches



1 1/2 Hour

1/2" projection, UL listed

Catalog number	Description (functions)	Faceplate size	Corner
A57420-000	2 3/8" Backset spring (101)	2 1/4" x 1"	Square
A57420-00D	2 3/8" Backset deadlocking	2 1/4" x 1"	Square
A57421-000	2 3/8" Backset spring (101)	2 1/4" x 1"	Radius
A57421-00D	2 3/8" Backset deadlocking	2 1/4" x 1"	Radius
A57425-000	2 3/8" Backset spring (101)	2 1/4" x 1 1/8"	Square
A57425-00D	2 3/8" Backset deadlocking	2 1/4" x 1 1/8"	Square
A57620-000	2 3/8" Backset spring (301)	2 1/4" x 1"	Square
A57620-00D	2 3/8" Backset deadlocking (611)	2 1/4" x 1"	Square
A57621-000	2 3/8" Backset spring (301)	2 1/4" x 1"	Radius
A57621-00D	2 3/8" Backset deadlocking (611)	2 1/4" x 1"	Radius
A57625-000	2 3/8" Backset spring (301)	2 1/4" x 1 1/8"	Square
A57625-00D	2 3/8" Backset deadlocking (611)	2 1/4" x 1 1/8"	Square
A57430-000	2 3/4" Backset spring (101)	2 1/4" x 1"	Square
A57430-00D	2 3/4" Backset deadlocking	2 1/4" x 1"	Square
A57431-000	2 3/4" Backset spring (101)	2 1/4" x 1"	Radius
A57431-00D	2 3/4" Backset deadlocking	2 1/4" x 1"	Radius
A57435-000	2 3/4" Backset spring (101)	2 1/4" x 1 1/8"	Square
A57435-00D	2 3/4" Backset deadlocking	2 1/4" x 1 1/8"	Square
A57630-000	2 3/4" Backset spring (301)	2 1/4" x 1"	Square
A57630-00D	2 3/4" Backset deadlocking (611)	2 1/4" x 1"	Square
A57631-000	2 3/4" Backset spring (301)	2 1/4" x 1"	Radius
A57631-00D	2 3/4" Backset deadlocking (611)	2 1/4" x 1"	Radius
A57635-000	2 3/4" Backset spring (301)	2 1/4" x 1 1/8"	Square
A57635-00D	2 3/4" Backset deadlocking (611)	2 1/4" x 1 1/8"	Square

Note: Specify finish: 605, 612, 613 or 630.

Latches for B Series locks are UL listed.

2 3/4" backset standard. 2 3/8" optional.

Unless otherwise specified, we furnish a 2 1/4" x 1" x square corner faceplate on 2 3/8" backset latches and 2 1/4" x 1 1/8" x square corner on 2 3/4" backset latches.

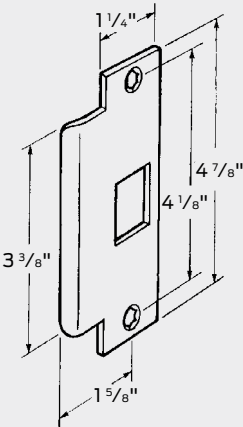
A31727-005-00 link for 5" backset. For use with 2 3/8" backset latches.

Options and accessories

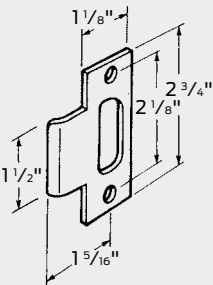
Strikes and dustboxes

Strikes

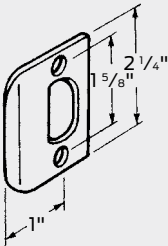
Normally furnished with a 4 7/8" ANSI strike unless specified otherwise.



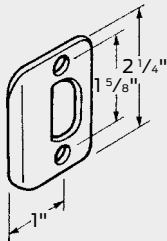
005164-000
ANSI Prep A115.2



Q001-046
T-strike square corner



Q001-049
Full lip, square corner



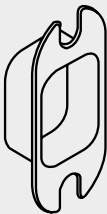
Q001-048
Full lip, 1/4" radius corner

*Specify finish: 605, 606, 612, 613, or 626.

Dust boxes



K510-066-PLA (EC 3604)
1" deep. May be used with any 4 7/8" high (ANSI) strike.



012191-003-70
1/2" deep. May be used with any 2 3/4" high (T) strike.

Function and trim style cross-reference

B Series grade 2 cylindrical key-in-lever

ANSI number/grade	Function	Falcon	Arrow	Stanley	Corbin/Russwin	Hager	Sargent	Yale
F75	Passage	B101	MLX01	QCL230	CL3810	3510	715	5301LN
F76	Privacy	B301	MLX02	QCL240	CL3820	3540	765	5302LN
F82	Entry	B501	MLX11	—	CL3861	3553	—	5304LN
F109	Entry/office	B511	—	QCL250/251	CL3851	3550	—	5307LN
F84	Classroom	B561	MLX17	QCL160/161	CL3855	3570	737	5308LN
F86	Storeroom	B581	MLX12	QCL270/271	CL3857	3580	704	5305LN
F90	Dormitory/corridor	B611	MLX19	QCL254/255	CL3875	—	—	5322LN
	Single dummy	B12	MLX08	QCL220	CL3850	3517	793	5355LN

Trim styles

Falcon	Arrow	Stanley	Corbin/Russwin	Sargent	Yale	Hager
Dane	Sierra	Sierra	NZD	KL	Augusta	Dane-Withnell
Quantum	Broadway	Summit	PZD	KP	Pacific Beach	Quantum-Archer

All effort has been made to make this information comprehensive. Since no two products are exactly alike, this data represents those products which are similar. This information was obtained from trade services and is not guaranteed nor meant to represent any product as equal to any other product.

How to order

For correct ordering, and to ensure no delays in shipment of your order, the following descriptive data must be listed in the sequence shown. Necessary information can be found in other parts of this catalog. The example below shows an order for 12 each B locksets in the 301 Privacy function, D (Dane) trim design in 626 (satin chrome) finish, with 2 3/4" backset latch, to accommodate doors 1 3/4" thick.

- **Quantity:** Indicate the quantity required.
- **Catalog number:** Select catalog number.
- **Trim design:** Indicate letter of lever design.
 - Example: D=Dane; Q=Quantum.
- **Finish:** When the finish is the same for the outside and inside trim, it is shown once (626). For split finishes, the outside is designated first, then the inside (605 x 625).
- **Latches:** 2 3/4" backset standard. 2 3/8" backset available. All latches are UL Listed 1 1/2 hour B Label.
- **Strikes:** 4 7/8" X 1 1/4" ANSI standard. Optional T-strike or full lip strike available. See page 68.
- **Cylinder type:** For 6-pin, add 6-pin.
- **Keying detail:** We suggest using the standard terms developed by A.H.C. (Architectural Hardware Consultants).
 - Example: AA1 - Grand master keyed, master keyed, change key 1.
- **Interchangeable core:** To order product capable of accepting an interchangeable core, add "FIC" (for interchangeable core). To order product with an interchangeable core, add "WIC" (with interchangeable core).
- **Keyways:** "G" is standard on regular cylinders, "A" is standard on interchangeable cores. Other keyways available. See page 66.
- **Additional keys:** Note the total number of keys required. Large bow keys: Add—"with large bow keys."

How to order example

Qty.	Catalog number	Trim design	Finish	Latch	Strike	Cylinder	Detail
12	B301S	Dan	626	Std	Std	-	2 3/4" backset - 1 3/4" door