

Grade 2 Medium Duty
Cylindrical Key-In-Lever Lock
Product Catalog
Z Series

FALCON
Locks & Security Products



IR Security & Safety®

Z Series

Falcon Lock Philosophy

“Quality locksets delivered on time” is the Falcon Lock creed. Whether you’re ordering Falcon Locks for a retrofit application or specifying Falcon Lock for a major construction project, you’re guaranteed personal attention through reliable, dependable service. No hassles. No hold-ups. Our top-quality locksets are delivered to specifically meet your schedule.

Falcon Lock is a member of the IR Security & Safety family, a worldwide division of Ingersoll-Rand Company.

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General

For over 30 years, Falcon Lock has been manufacturing reliable lock hardware. Our reputation and commitment to providing a high quality product at a reasonable price, with timely delivery, has rewritten the standard in our industry. Falcon has one of the most extensive lines available on the market today—with a choice of functions and applications to meet and outreach the most demanding requirements.

We continue to keep a finger on the pulse of our market by working closely with various agencies and organizations, such as ANSI/BHMA, who are responsible for writing specifications and standards. This allows us to improve, while meeting the needs of a changing market with reliable and flexible locks, delivered on time, exactly when you need them.

We are members of:



All information and specifications contained in this catalog are subject to change. Please consult our current price list or the factory for comprehensive and current product information.

Falcon Z Series locksets conform to all performance and dimensional specifications of ANSI/BHMA A 156.2, Series 4000, Grade 2. Falcon subscribes to the testing program under the jurisdiction of BHMA.

BHMA: Builders Hardware Manufacturers Association

ANSI: American National Standards Institute, Inc.

Underwriters Laboratories, Inc. All Falcon Z Series locksets are UL Listed 1-1/2 hour B Label.

Federal Specifications: All Falcon Z Series locksets meet or exceed the requirements of FF-H-001 06b and FF-H-1 06C/GEN.

ADA: Americans with Disabilities Act of 1991. All Z Series locksets with lever-style trim comply with all handicap codes and ADA requirements. Additionally, all lever trims comply with Title 19, California State Fire Marshall Code.



Z Series

How to Order

For correct ordering, and to ensure no delays in the 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 Z locksets in the 301 Privacy function, D (Dane) trim design in a 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. All locks shipped prepared for 2-3/4" backset.

Trim Design: Indicate letter of lever design. D=Dane.

Finish: Indicate the ANSI number for the finish required.

Latches: 2-3/4" backset standard. Latches are UL Listed 1/2 hour B Label.

Strikes: 4-7/8" x 1-1/4" ANSI strike standard.

Cylinder Type: 6 pin, keyed 5 standard. Also available in "less cylinder" option. Indicate this using "LC".

Keyways: "C" is standard.

How to order example

Qty.	Catalog Number	Trim Design	Finish	Latch	Strike	Cylinder	Detail
12	Z301	D	626	STD	STD	-	2-3/4" Backset- 1-3/4" Door

Finishes

The latest modern techniques and equipment are used to apply the highest quality finish. Extra steps assure durable, consistent finishes and long, useful life.

Although we apply the finest available protective plating and/or enamel coating to the surface of our products, these finishes have limitations and in time may deteriorate either from exposure to weather, pollution, perspiration, extremes of climate, frequency

of use or other factors. Deterioration of these finishes is therefore not a defect, but a normal process which is unavoidable. Our company cannot accept responsibility for finish deterioration in these circumstances and therefore the finishes cannot be guaranteed. These products will not be refinished or replaced under our warranty, should deterioration of finishes occur.

Trim Finishes Chart

Description	ANSI Number	Available on
Bright Brass	605	All Trim
Satin Brass	606	All Trim
Satin Bronze Oil Rubbed	613	All Trim
Satin Chrome	626	All Trim

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Lock Features

Door Thickness: 1-3/8" to 2" standard.

Backset: 2-3/4" standard.

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 through-bolt studs and secured with threaded roses.

Handing: Locks are non-handed.

Cylinders: Drilled with 6 pin chambers, pinned in 5. Cylinder assemblies removable to rekey. Cylinder housings and plugs machined from solid brass. Springs are phosphor bronze. Two brass keys furnished standard.

Keyways: "C" keyway standard on standard cylinders.

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

Latches: 1/2" bolt projection. UL Listed. Latches have self-adjusting fronts to accommodate beveled or flat doors. 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 lockouts.

Strikes: 4-7/8" x 1-1/4" ANSI strike with curved lip to meet ANSI A115.2 door frame preparation standard.

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

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

UL: 1-1/2 hour B label.

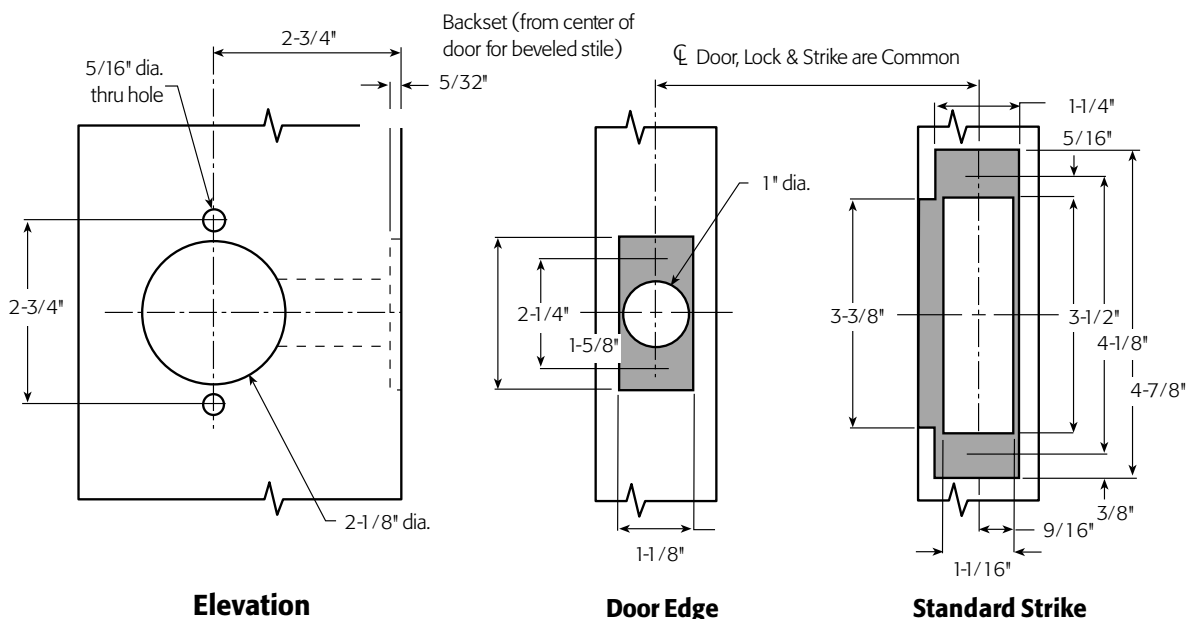
Falcon Lock Z Series Specifications

Key-in-lever cylindrical locksets shall be Falcon Z 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 1-1/2 hour B Label.
- Lever trim shall have individual heavy duty springs for lever return and to prevent lever sag.

- 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 COMPANY**



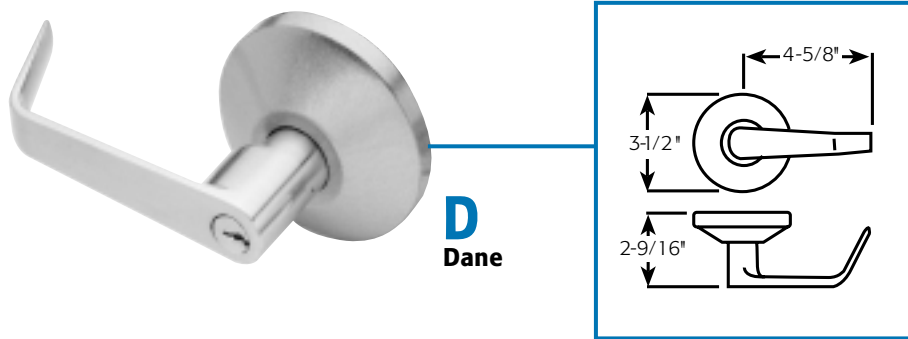


Lever Design and Functions

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Levers

Levers are solid pressure cast zinc, finished to match mating parts. Roses are wrought brass or bronze. Levers are secured by a spring-loaded retainer. Retainer cannot be depressed when locks have been locked.



To order Falcon Z Series locksets, please consult page 3 for ordering information and assistance.

Catalog Number	Function	Description	ANSI Number & Grade
Z101		Passage/Closeout Latchset Latch bolt by levers at all times.	F75-2
Z161		Communicating/Exit Latch Deadlocking latch bolt by inside lever. Non-removable blank plate outside.	
Z201		Patio Lock Deadlocking latch bolt by inside lever are locked by push button inside. Rotating inside lever or closing door releases button.	F77-2
Z301		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.	F76-2
Z511		Entry/Office Lock Turn/push button locking. Pushing and turning button locks outside lever requires 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.	F109-2
Z561		Classroom Lock Deadlocking latch bolt by levers. Outside lever is locked by key in outside lever. Inside lever is always free.	F84-2
Z581		Storeroom Lock Deadlocking latch bolt by lever inside or key outside. Outside lever is rigid. Inside lever is always free.	F86-2
Z12		Dummy Trim Single Trim. Surface mounted rigid lever.	

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Z Series Grade 2 Medium Duty Cylindrical Lever Locks

ANSI Number/Grade	Function	Falcon	Arrow	Corbin/Ruswin	Marks	Sargent	Yale
F75-2	Passage	Z101	L01	CL 3910	N	65U15	5301LN
	Communicating/Exit Latch	Z161	L03	CL 3980	NB	—	5328LN
F77-2	Patio	Z201	L04	CL 3940	L	—	5303LN
F76-2	Privacy	Z301	L02	CL 3920	P	65U65	5302LN
F109-2	Entry/Office	Z511	L11	CL 3951	AB	65G05	5307LN
F84-2	Classroom	Z561	L17	CL 3955	S	65G37	5308LN
F86-2	Storeroom	Z581	L12	CL 3957	F	65G04	5305LN
	Dummy—Single	Z12	L08	CL 3950	DO	65U93	355LN

Trim Styles	Falcon	Arrow	Corbin/Ruswin	Marks	Sargent	Yale
	Dane	SR	NZD	170	KL	AU

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.



Falcon Fits

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