ALLEGION™



FALCON®

Locks

Product catalog

D200 Series
Grade 2, medium-duty deadbolts

Product specifications

ANSI/BHMA: A156.5, 2001, Grade 2.

Functions: 8 commercial functions available.

Finishes: 5 options available. See page 6 for finish color and comparative chart.

Door thickness: 1 3/8" to 2 1/4" standard conventional cylinder. 1 5/8" to 2" SFIC cylinder.

Backsets: 2 3/8"- 2 3/4" adjustable deadbolt.

A**ttachment:** Locks are solidly attached to the door by 1/4" heat-treated steel bolts. These bolts pass through a steel plate (D211, D221 and D241) or the inner cylinder housing (D231) and thread directly into the back of the outer cylinder housing.

Handing: Non-handed. May be used in right hand or left hand doors swinging in or out.

Cylinders: 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. See SFIC cylinder information on page 8 and D Series cylinder pages for additional options.

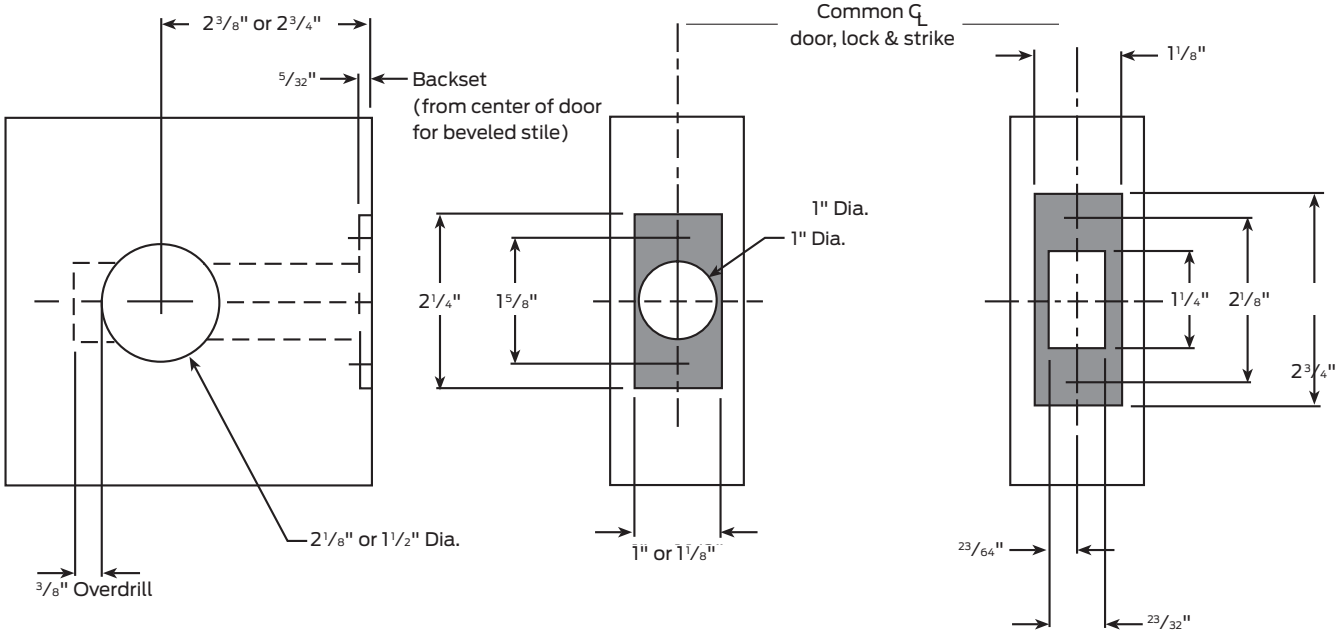
Keyways: "G" keyway standard in conventional cylinders. "A" keyway standard in SFIC cylinders. Additional options: Falcon, Schlage and many Best and Arrow keyways.

Exposed trim: Wrought brass or bronze reinforced with steel insert.

Deadbolts: Deadbolt locks are furnished with deadbolts which have a full 1" projection. Housed within the deadbolt is a free-turning, 1/4" thick, hardened steel, saw-resistant roller. Furnished standard with 2 3/8"- 2 3/4" adjustable backset and 1 1/8" x 2 1/4" faceplate. Optional 1" x 2 1/4" faceplate. Consult Options and Accessories section for other optional faceplates. D200 bolt is cast zinc.

Strikes: 2 3/4" x 1 1/8" lipless standard. ANSI 4 7/8" x 1 1/4" lipless, 2 1/4" full lip strikes, a 2 3/4" x 1 1/8" T-strike or a security strike are available. Consult Options and Accessories section.

Screws: Furnished with wood/machine screws for use on wood or metal doors or frames.



Elevation **Door edge** **Standard strike**

D200 Series styles

D211: Classroom function

Deadbolt thrown or retracted by key from outside. Inside turn will only retract bolt. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E0172



D221: Single cylinder

Deadbolt thrown or retracted by key only. Blank plate inside. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E016



D231: Double cylinder

Deadbolt thrown or retracted by key from either side. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E0142



D241: Single cylinder with thumbturn

Deadbolt thrown or retracted by key or by turn. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E0152



D251: Double thumbturn

Deadbolt thrown or retracted by turn unit from either side. Bolt automatically deadlocks when fully thrown. Application for shelters.

D261: Thumbturn (inside only) ANSI/BHMA E0192

D261M: Thumbturn with rose ANSI/BHMA E01112

Deadbolt thrown or retracted by turn unit only. No outside trim (D261), or outside blank rose (D261M). Bolt automatically deadlocks when fully thrown.



D271: Thumbturn (Inside with occupancy indicator)

Deadbolt thrown or retracted by turn unit only. Occupancy indicator on outside (reads either in use or vacant with color coding). Bolt automatically deadlocks when fully thrown. Emergency key supplied.



Finishes
Available in BHMA 605, 606, 613, 625, and 626. See page 6 for finish color and comparative chart.

Ordering information

Finishes

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

Color		BHMA number	US number	Cylindrical				Unit	Mortise	Interconnect	Deadbolt		Housing faces	Cylinder faces
				T	K	B	W	RU	MA	H2	D100	D200		
	Bright brass	605	US3	■		■	■		■	■	■	■	Mortise and rim	SFIC
	Satin brass	606	US4	■		■	■		■		■	■	Mortise and rim	SFIC Conventional
	Oil rubbed bronze	613	US10B	■	■	■	■	■[2]	■		■	■	Mortise and rim	SFIC
	Satin nickel	619	US15	■			■[1]		■[4]	■			Mortise and rim	
	Matte black	622	US19	■			■[1]		■[4]	■			Mortise and rim	SFIC Conventional
	Bright chrome	625	US26	■		■	■		■	■	■	■		SFIC
	Satin chrome	626	US26D	■	■	■	■	■	■	■	■	■	Mortise and rim	SFIC Conventional
	Satin stainless steel	630	US32D						■[5]				Mortise and rim[3]	
	Aged bronze	643e	US11	■			■[1]		■[4]	■			Mortise and rim	SFIC

1 Finish available for lever options only.
2 Finish available for Dane lever option only.
3 Also available in 629 bright stainless steel.
4 Knobs not available in 619, 622 and 643e finish.
5 Latitude, Longitude, Broadway and Boardwalk not available in 630 finish.

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. Please reference product warranty for more information.

Options

D Series cylinders

Falcon Small Format Interchangable Core (SFIC) cylinders

Falcon offers a wide selection of keyways in SFIC cylinder formats. Master keying is available and, in most cases, Falcon can even furnish cores master keyed into existing Best or Arrow key systems. See page 8 for details.

To order conventional cylinders in competitive keyways (6-pin)

When specifying a cometitive cylinder, reference How-to-order page for correct cylinder suffix and be sure to list brand plus keyway under the "Keyway" section and the correct part number below in the "Other requirements" area of the part number order string.

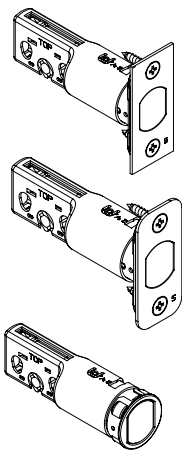
Brand	Keyway	0-Bit	KA	KD	Lock function
Corbin	60	Q033-077		Q033-077-KD	D141/241
Corbin Russwin	L4	Q033-079			D121/221
		Q033-078			
Russwin	D1	Q033-074		Q033-074-KD	D121/221
		Q033-073		Q033-073-KD	D131/231
		Q033-072		Q033-072-KD	D141/241
Schlage	C 5-pin	Q500-065			D111
		Q500-071			D131
	C 6-pin	Q033-071		Q033-071-KD	D121/221
		Q033-070	Q033-070-KA	Q033-070-KD	D131/231
		Q033-069	Q033-069-KA	Q033-069-KD	D111/211
	E 6-pin	Q033-066			D121/221
		Q033-067			D131/231
		Q033-068			D121/221
Yale	8 (Para)			Q033-076-KD	D121/221
				Q033-075-KD	D141/241 D111/211

Deadbolts

Options for configured locks.

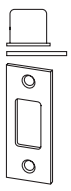
	D100	D200	Adjustable backset	Description
Non-fire rated	30-256	30-253	2 3/8" or 2 3/4"	Square corner, 1 1/8" x 2 1/4", standard
	30-176	30-175	2 3/8" or 2 3/4"	Square corner, 1" x 2 1/4"
	30-178	30-177	2 3/8" or 2 3/4"	Radius corner (1/4"), 1" x 2 1/4"
	30-257	30-254	2 3/8" or 2 3/4"	Circular drive-in bolt (626 finish only)
UL listed	30-174	30-173	2 3/8" or 2 3/4"	Square corner, 1 1/8" x 2 1/4", standard
	30-172	30-171	2 3/8" or 2 3/4"	Square corner, 1" x 2 1/4"
	30-259	30-258	2 3/8" or 2 3/4"	Circular drive-in bolt (626 finish only)

Note: Specify finish 605, 606, 613, 625, or 626.

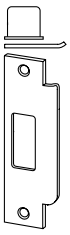


10-095
Full lip, square corner

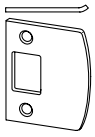
Strikes



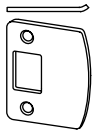
10-094
Square corner with metal dustbox (standard)



10-087
ANSI prep with dustbox



10-095
Full lip, square corner



10-092
Full lip, 1/4" radius corner



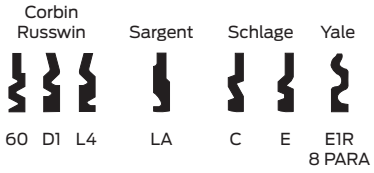
10-064
Drive-in thimble

Large and small format keying

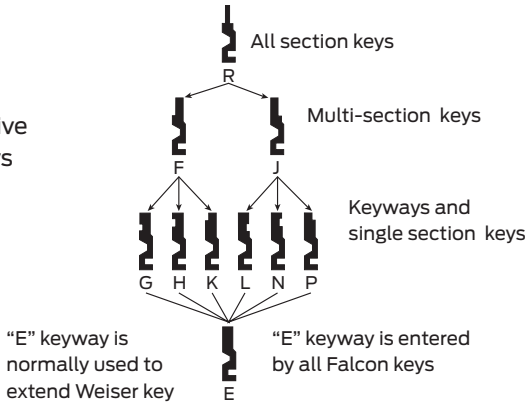
Conventional large format keyways

"G" keyway is standard for all Falcon conventional cylinders and will be supplied unless otherwise specified. The multiplex key system structure is used to expand keying systems which require more than one keyway.

Falcon bored locksets are also available with the most common competitive open keyways. Falcon does not offer master keying of competitive keyways with the exception of Schlage C keyway. For more information on large format keying options, please reference each lock series section.



Falcon multiplex key family



Small Format Interchangeable Core (SFIC) keyways



The “A” keyway is standard for SFIC products and will be supplied unless otherwise specified. Falcon keyways shown here are equivalent to Best and Arrow SFIC keyways of the same names.



Consult factory for restricted keyways not listed here. When ordering locks or cores master keyed into existing Best, Arrow or other compatible SFIC systems, a copy of the bitting list for the existing system is required with the order.

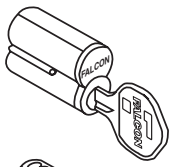
A2, A3 and A4 systems

Falcon master keying uses the A2 System (depths 0-9) standard. We can provide cores into competitors’ A4 (depths 0-5) key systems but we generate new A4 systems solely at the discretion of our Key Systems Department. We do not support the A3 System (Depths 0-6). However, any Falcon core can be combinated to A3 specs in the field.

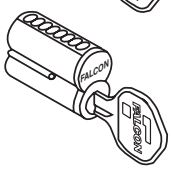
SFIC cylinders

	Uncombinated		Combinated	
	6-pin	7-pin	6-pin	7-pin
Falcon cover style (standard)	C646	C647	C606	C607
Best style capping	CB846	CB847	CB806	CB807
No logo	C648	C649	C608	C609
No logo, Best capping	CB848	CB849	CB808	CB809

Note: The "A" keyway is standard and will be supplied unless otherwise specified.
If ordering cylinders as parts, specify finish: 605, 606, 613, 622, 625, 626 or 643e.



Interchangeable core cover style



Interchangeable core cap style

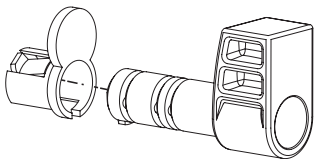
Compatibility with competitors' SFIC cylinders

Falcon locksets also accept Schlage SFIC, Arrow (including Flex Core), Best (including PKS and Peaks), InstaKey, Kaba Peaks, Keymark and KSP cores. 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.

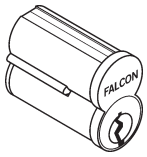
Construction keying options

Falcon offers various pathways to achieve either temporary or permanent cylinder construction keying. Temporary cylinder use is limited to small format keying since SFIC cylinders, by nature, are easily interchanged. Falcon conventional cylinders can be construction keyed using the "lost pin," (also known as "lost ball") method or the Falcon Blockokey® insert. In both cases, temporary construction keys are used with the permanent cylinders during construction to protect the integrity of the master key system. Once the project is complete, new owners can clear the cylinder of construction keying and begin to use the permanent operating keys.

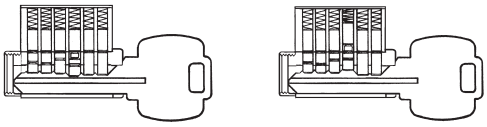
Disposable SFIC construction core (specify BDC as the cylinder suffix)
This disposable plastic core is intended for use only when security is not a concern. When inserted into the lever, knob or mortise housing, this keyless core simply acts as a thumbturn to retract the latch bolt. Perimeter or higher security areas should use the Falcon SFIC construction cylinder.



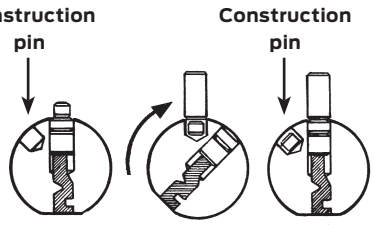
Refundable SFIC construction cylinders (specify H as the cylinder suffix)
Falcon brass construction cores are provided keyed alike to a combination unrelated to the permanent system's master key. Upon project completion, these cylinders are replaced with the permanent SFIC cylinders and returned to Allegion for credit.



"Lost pin" conventional cylinders (specify "lost pin" or part 50-211 under additional details)
Lost pin uses the job site's permanent conventional cylinders supplied with a shallow hole in the side of the plug. An extra pin is inserted into the cylinder on top of one of the bottom pins. Use of a temporary construction key allows the pin to stay in the cylinder and still function normally as an operating key. Upon project completion, a master key inserted into the cylinder and rotated right will push the pin into the hole and eliminate any possible future use of the construction key.



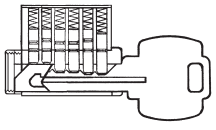
Construction key use Master key use



Locks with Blockokey® cylinder inserts
All locks for a specific project are provided with a key blocking insert and a special construction key. Duplicates of this key may be assigned by the building contractor to workmen and subcontractors as required. No regular change keys or Master keys are needed on the job. This eliminates the possibility of subsequent exposure from lost or stolen keys.

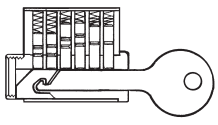
How to order locks with Blockokey® inserts
Simply add the word “Blockokey” (part 50-212) in the additional details section. Any Falcon conventional cylinder can be ordered with Blockokey inserts but there are some limitations on keyway availability. Check with customer service for details. Example: FAL-MA521PD-AG-619-RH-Blockokey

1.



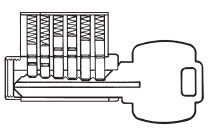
Construction key use
Lock cylinder is operated by the special “construction key.” The last two pins in the cylinder are held inoperative by the key block.

2.



Removal tool use
The special “construction key” is canceled out by removal of the key block. A key block removal tool is furnished with the Master keys for the locks. Simply push the removal tool into the keyway, then withdraw it to remove the block.

3.



Change or master key use
Cylinder is now only operable by the regular change key or Master key.