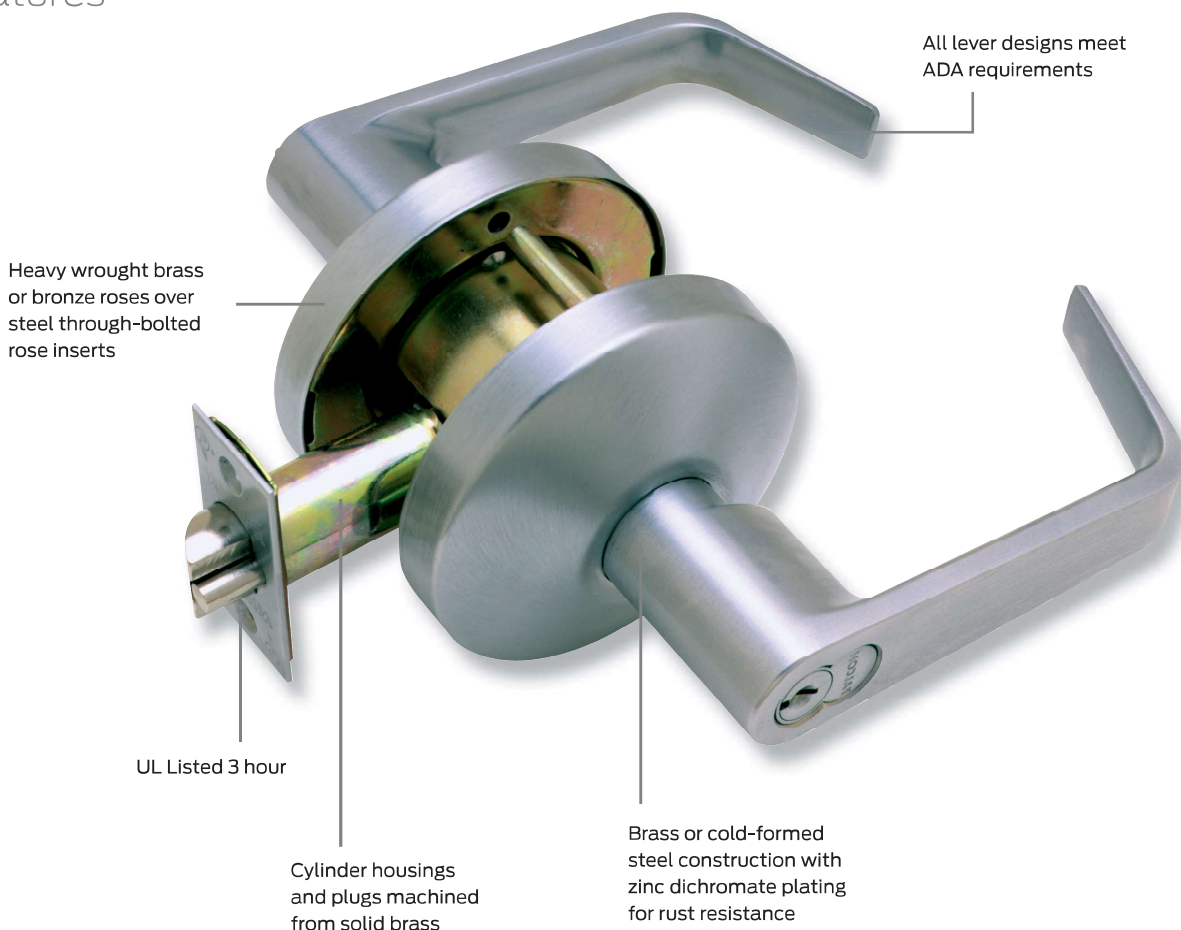


# B Series

Grade 2, medium-duty cylindrical lever locks

When you need a tough, reliable lock at the right price point for a 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 lock options include 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



## Specifications

# B Series

### Product specifications

**ANSI/BHMA:** Certified ANSI/BHMA A156.2, Series 4000, Grade 2.

**UL:** Listed for 3-hour fire door, A label.

**Functions:** 10 commercial functions available. See page 10 for details.

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

**Door thickness:**  $1\frac{3}{8}$ " to 2" standard. See price book for exceptions on communicating lock functions.

**Backset:**  $2\frac{3}{4}$ " standard.  $2\frac{3}{8}$ " and 5" also available (see price book).

**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:** 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 B Series cylinder pages for additional options.

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

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

**Strikes:**  $4\frac{7}{8}$ " x  $1\frac{1}{4}$ " 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.

### Architectural specifications

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

- All locks shall meet the 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  $3\frac{1}{2}$ " 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  $1\frac{3}{8}$ " 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

