

Series: QID Cylindrical Locks

SAMPLE SPECIFICATION

MODEL #s QID-C40 or QID-C41

Instant Deadbolt Locking Classroom Function Cylindrical Lockset with Auxiliary Deadbolt

SECTION 08700 DOOR HARDWARE

Part 2 - Products

2.01 - Materials and Manufacturers

_ . Locksets and Latches

1. Locksets and latches shall be heavy duty type with function, trim and finish as specified.
2. Classroom security locksets
 - a. Locksets shall be Quick Intruder Deadbolt locksets, as manufactured by Securitech Group, Inc.
 - b. Locksets shall be installed at a 2-3/4" backset and prepared for installation on 1-3/4" thick doors, using standard door preparation and strike preparation as indicated below for cylindrical lock openings.
 - c. The interior escutcheon shall include a deadbolt projection button, which when depressed, shall project the deadbolt.
 - d. The deadbolt shall project without use of keys. The deadbolt shall not be activated by any means other than the deadbolt projection button.
 - e. The deadbolt projection button shall be located below the lever and painted red. The button shall allow for movement of 1/16" prior to deadbolt projection initiation. Depressing the button for less than 1/16" shall not activate the deadbolt. The deadbolt projection button shall project approx. 3/4" from the face of the trim and shall be at least 1" less than the projection of the lever trim shank from the face of the trim.
 - f. The deadbolt shall be fabricated of stainless steel and project a minimum of 1" from the lock body.
 - g. The lockset shall also contain a heavy duty latch and function as a traditional classroom lockset.
 - h. The lockset shall provide the classroom locking function via use of a cylinder from the interior or exterior (as per model function description below), which shall render the exterior lever rigid and inoperable until such time as unlocked by key.
 - i. The lockset body and trim (or lever) shall accommodate an exterior cylinder and may accommodate an interior cylinder, as per model function designation. Entry by key shall be possible at all times, including when the deadbolt is projected.
 - j. The interior lever shall provide single motion exiting at all times, including when the deadbolt is projected.
 - k. A mechanical indicator, mounted on the interior escutcheon below the upper mounting screw, shall switch to red when the deadbolt is projected. A transparent lens shall protect the indicator.

- l. Locksets are to be installed into the door in the standard ANSI A156.2 cylindrical lock preparation for the latch lock and deadbolt lock. The latchbolt strike shall fit into a standard 4-7/8" strike preparation.
- m. The lock chassis shall be designed to accommodate single motion retraction of the latch and tubular deadbolt. The lock face plate shall measure 1-1/8" wide by 2-1/4" tall.
- n. The lever trim shall contain solid zinc diecast levers, wrought brass roses with concealed thru-bolting screws. The levers shall be capable of accepting standard key-in-knob cylinders or small-format removable cores, as indicated below.
- o. The finish of the trim and lever sets shall be 630 (satin nickel, chrome or stainless steel). The strike plate shall be stainless steel.
- p. The deadbolt shall contain an exterior cylinder and free-spinning collar. The exterior cylinder shall be capable of accepting a cylinder to match the lever trim cylinders. The keying of the deadbolt cylinders may be different than the lever trim, as per the facility's keying requirements. (Note: It is common for a facility to key all the deadbolt cylinders alike or add to their master key system to aid first responders).
- q. Key-in-knob cylinders or removable cores are required and shall be provided as specified elsewhere, separately from the QID lockset, as per the facility's keying requirements.
- r. All measurements and dimensions listed above are subject to manufacturer's production tolerances.
- s. Manufacturer's information:
 Securitech Group, Inc.
 54-60 46th Street Maspeth, NY 11378
 (718) 392-9000

FUNCTION SELECTION (OPTIONAL FOR SPECIFICATION – MAY BE INCLUDED IN HARDWARE SETS AND/OR MODEL NUMBERS)

QID-C40 Function:

Interior and exterior cylinders lock/unlock the exterior lever (double cylinder classroom function). When deadbolt is projected, interior lever retracts deadbolt and latch. Exterior deadbolt cylinder retracts deadbolt when projected.

QID-C41 Function:

Exterior cylinder locks/unlocks the exterior lever (Classroom function). No interior cylinder. When deadbolt is projected, interior lever retracts deadbolt and latch. Exterior deadbolt cylinder retracts deadbolt when projected.

Cylinder Quantity & Type:

Cylindrical lock models

- C40 Interior & exterior cylinders (requires 2 small format removable cores)
- C41 Exterior cylinders only (requires 2 small format removable core)