

GYJT.GuidelInfo - Single-point Locks and Latches

[Fire Doors] (Hardware) (Builders' Hardware) Single-point Locks and Latches

[See General Information for Builders' Hardware](#)

GENERAL

This category covers single-point locks and latches of either the bored (cylindrical and tubular) mortise or preassembled (unit and mono) type for use on swinging fire doors having a rating up to and including 3 h, unless otherwise noted in the individual certifications.

All products in this category comply with the positive-pressure-test requirements in [ANSI/UL 10C](#), "Positive Pressure Fire Tests of Door Assemblies."

Locks and latches are intended to be provided as complete units including housings/bodies, latch bolts, strikes and trim.

They have been investigated with respect to their fire-protection characteristics only. For certifications of assemblies investigated for both fire protection and panic hardware features, see Fire-exit Hardware ([GXHX](#)). For certifications of panic hardware (for doors other than fire doors), see Panic Hardware ([EVS8](#)). For certifications of flush bolts, automatic type, manual type, or self-latching type, see Flush and Surface Bolts, Automatic Type ([GXOW](#)), Flush and Surface Bolts, Manual Type ([GXSR](#)) or Flush and Surface Bolts, Self-latching Type ([GXVV](#)).

In general, single-point locks and latches of the bored (cylindrical and tubular), mortise, or preassembled (unit and mono) types are for use on hollow-metal, metal-clad (Kalamein), composite (steel, wood, and plastic-covered), sheet-metal and wood core type swinging fire doors (unless otherwise noted in the individual certifications). They are installed in single-swing doors not exceeding 4 ft in width and 8 ft in height, and the active door of doors mounted in pairs not exceeding 8 ft in either dimension (unless otherwise noted in the individual certifications).

In general, single-point locks and latches with 1/2-in. minimum latch throw are intended for single-swing doors, and latches with 3/4-in. minimum latch throw are intended for the active door of doors mounted in pairs with the inactive door provided with top and bottom flush or surface bolts of the manual, automatic, or self-latching type.

Single-point locks and latches should not be provided with lever handles or paddles (unless otherwise noted in the individual certifications).

Some manufacturers can provide fire doors mounted in pairs with a minimum latch throw of less than 3/4 in. The door Certification Mark specifies the minimum latch throw required for the individual door.

PRODUCT IDENTITY

One of the following product identities appears on the product:

Single-point Latch

Single-point Lock

ADDITIONAL INFORMATION

For additional information, see Hardware ([GWGR](#)), Fire Doors ([GSNV](#)) and Fire-resistance Ratings ([BXRH](#)).

REQUIREMENTS

The basic standard used to investigate products in this category is [ANSI/UL 10C](#), "Positive Pressure Fire Tests of Door Assemblies."

UL MARK

The Certification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Certification and Follow-Up Service. The [Certification Mark](#) for these products includes the UL symbol, the words "CERTIFIED" and "SAFETY," the geographic identifier(s), and a file number.

Additional Certification Markings

Products may be marked with any applicable qualifications to the product hourly rating.

The UL symbol, the letter "F," and any qualifications to the product hourly rating are cast or stamped on the exposed surface if the entire Certification Mark is not visible after installation of the product.

Alternate UL Mark

The Listing Mark of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of the Directory) together with the word "LISTED," a control number, the product name "Single Point Lock or Latch," and any qualifications to the product hourly rating. In addition, the UL symbol, the letter "F," and any qualifications to the product hourly rating are cast or stamped on the exposed surface if the whole Listing Mark is not visible after installation of the product.

UL had previously authorized the use of the letter "f" to denote products that comply with the positive-pressure-test requirements from those that complied only with the neutral-pressure test in [ANSI/UL 10B](#). All products in this category now comply with the positive-pressure requirements of [ANSI/UL 10C](#). The use of the small letter "f" is no longer required for products in this category. Some manufacturers re-tooled their dies and may be marking their products with both an uppercase "F" and lowercase "f."

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