

1020/1030

Extra Heavy Duty Construction – Latch and Deadbolt with Mogul Key Cylinder and Lever Eskort or Knob Trim

5/8" Latch Throw – 1" Deadbolt Throw – Stainless Steel Construction

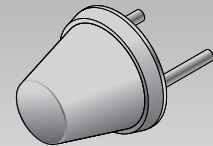


1020/1030 combination deadbolt and deadlocking latch shown with R.R. Brink Mogul key cylinder, and Lever Eskort



Security Knob trim available

Safety Knob (optional)



The conical shape of the optional safety knob prevents holding a door closed by grasping the knob.



Stainless steel strike plate



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The 1020/1030 series of Mogul key and Lever Eskort or knob operated deadlocking latch/deadbolt is ideal for use in detention institutions as well as commercial, government, and industrial buildings for utmost physical security. The large-scale design accommodates an oversized latch and deadbolt plus the RRBSL proprietary Mogul key cylinder. These institutional grade construction features and tamper resistant fittings afford exceptional structural strength to impede forced and surreptitious entry. The 1020/1030 meets ASTM F1450 and F1577 impact test requirements as certified by an independent testing laboratory.

Model 1020 Application – Appropriate for locking hollow metal doors in secure perimeters and/or high usage openings in all building types. A function is available to suit most passage requirements. (See lock function selection chart.)

Model 1030 Application – A special purpose lock ideal for minimum/medium security correctional facilities, work release housing occupancies, or psychiatric wards where inmates or patients are free to egress and ingress their rooms with deadlatch safeguarding of personal belongings while away. The occupant is issued a change key to his/her room lock which operates the deadlatch only for ingress. An outside lever eskort or free-spinning knob serves as a pull. The matching inside lever eskort/knob is active to retract the latch for egress. The deadbolt is operated only by a master key carried by the attendant/correctional officer. The master key can override the occupants key and the room side active knob when free movement is to be denied (e.g. lockdown period). The master key will also retract the latchbolt to permit entry.

1020/1030

Construction Specification

- 5/8" throw latch
- 1" throw deadbolt
- Cast stainless steel armor front – 1/2" thick
- Cast latch, auxiliary latch, and deadbolt of stainless steel
- Lock case, strike plate, springs, and other working parts of stainless steel
- Exposed fasteners – pinned "Torx" head.
- Optional RRBS proprietary Mogul key cylinder

Trim (Specify)

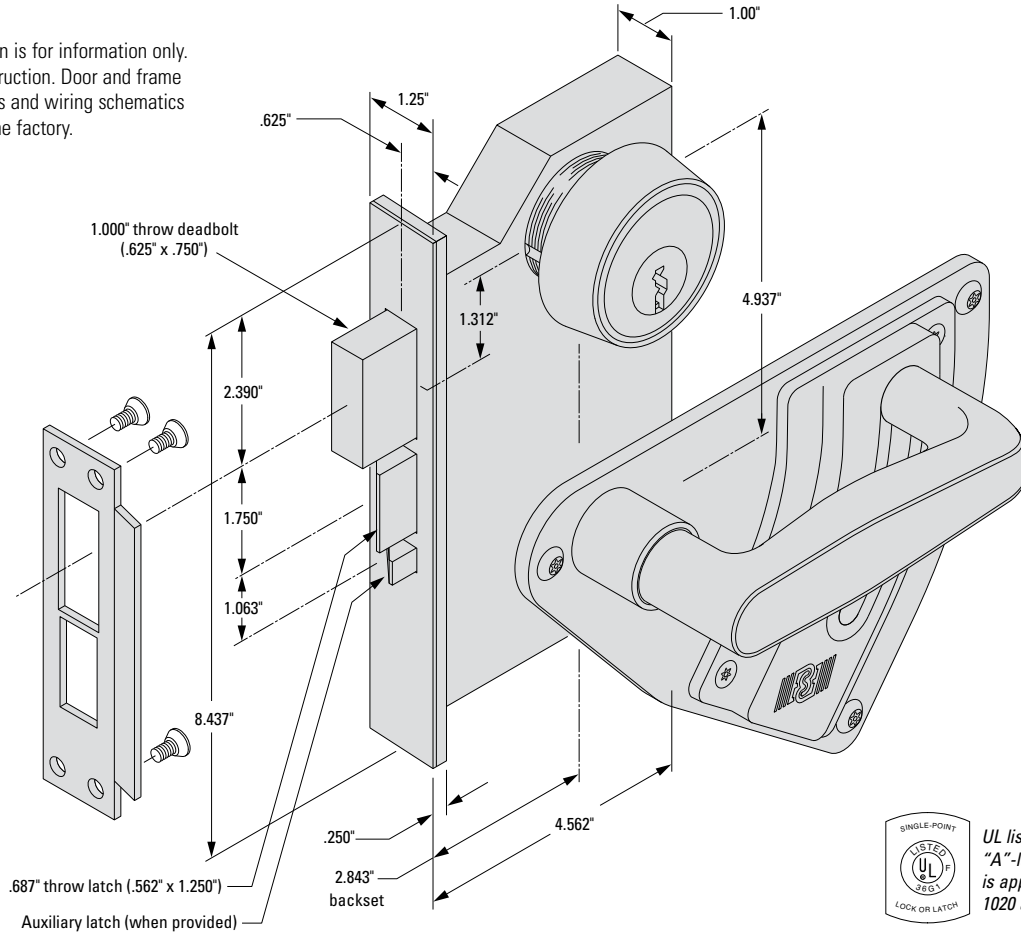
- **Lever Eskort** (specify LE) – Solid cast brass and wrought stainless steel. Enables the designer/specifier to satisfy Americans with Disabilities Act (ADA) accessibility requirements and avoid intentional, forced lever breakage.
- **Security Knob & Rose** (specify KR) – solid brass – free spinning inactive knob
- **Safety Knob** (specify SK) – Solid brass, conical shaped knob serves to limit handgrip to prevent holding a door closed. Specifically designed for jail/prison sleeping room doors.

Standard Finishes

- Face Plate – Wrought Satin Stainless Steel (ANSI 630, US32D)
- Lever Eskort Trim – Satin Chrome on Brass (ANSI 626, US26D) and Wrought Stainless Steel (ANSI 630, US32D)

1020 Illustrated

Note: This illustration is for information only. Do not use for construction. Door and frame preparation drawings and wiring schematics are available from the factory.



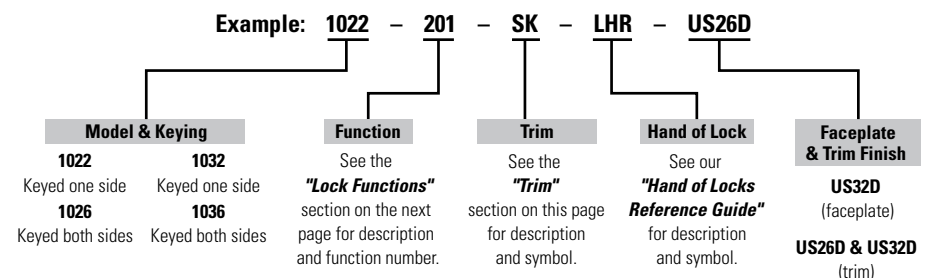
UL listing is for a 3-hour "A"-label fire door and is applicable to models 1020 and 1030.

Custom Applications

Consult with our technical service personnel regarding custom applications such as retrofits to existing lock installations, special mounting conditions, and Lever Eskort compatibility with other manufacturers' locksets.

Ordering Information

Model	Description	Key cylinders
1022	1020 keyed one side only	Mogul type (priced separately)
1026	1020 keyed both sides	Mogul type (priced separately)
1032	1030 keyed one side only	RRBS Mogul included
1036	1030 keyed both sides	RRBS Mogul included



How to Specify Lock Functions

Refer to the diagrams to determine the lock function designation number for a particular application. To specify the function of a 1020/1030 Series mechanical lock, you must first determine the following:

1. The "inside" and "outside" of the opening.
2. Lock keyed one (1022) or both (1026) sides.
3. The desired lever/knob functions for the "inside" and "outside" and choose the corresponding lock function number (i.e. 1022-201, etc.).
4. The hand of the lock (refer to "Hand of Locks Reference Guide" for explanation of lock handing).

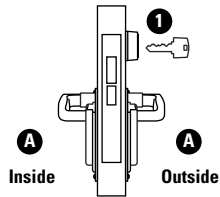
Lock Functions Identified

- A** Active Trim – retracts the latchbolt only
- B** Active Trim – retracts the deadbolt and latch simultaneously
- I** Inactive Trim – functions as a door pull only – free spinning knob
- 1** Outside cylinder operates deadbolt only
- 2** Inside cylinder operates deadbolt only
- 2T** Inside thumbturn operates deadbolt only
- 3** Outside cylinder operates deadbolt and latchbolt
- 4** Inside cylinder operates deadbolt and latchbolt
- 4T** Inside thumbturn operates deadbolt and latchbolt
- 3M** Outside cylinder may be operated by two different keys – master key operates deadbolt and latchbolt; change key operates latchbolt only
- 4M** Inside cylinder may be operated by two different keys – master key operates deadbolt and latchbolt; change key operates latchbolt only

1020 Lock Functions

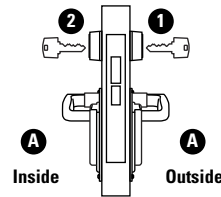
Lever Trim shown – Knob Trim available

201



Inside Outside

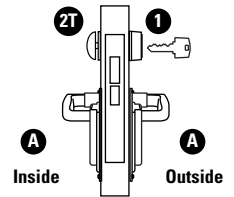
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Inside Outside

ANSI F14
Store/Utility Door Lock

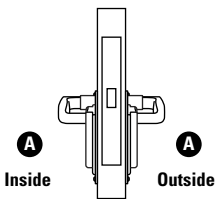
203



Inside Outside

ANSI F21
Room Door Lock

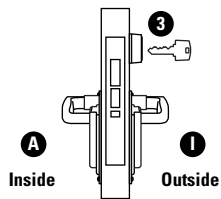
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Inside Outside

ANSI F01
Closet or Passage Latch
(No Deadbolt)

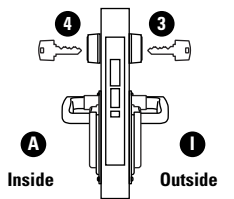
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Inside Outside

With Deadlocking Latch

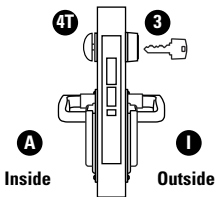
210



Inside Outside

With Deadlocking Latch

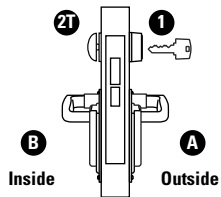
211



Inside Outside

With Deadlocking Latch

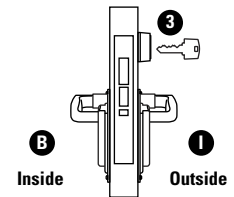
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Inside Outside

ANSI F13
Dormitory or Exit Lock

214



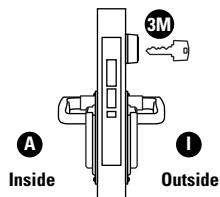
Inside Outside

With Deadlocking Latch

1030 Lock Functions

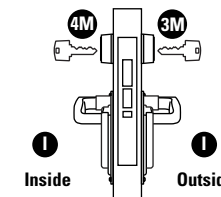
Lever Trim shown – Knob Trim available

312



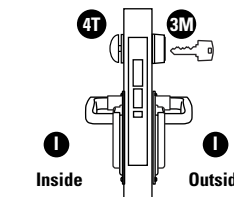
Inside Outside

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Inside Outside

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Inside Outside



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