

**SECTION 08710 – DOOR HARDWARE**  
**CONSTRUCTION STANDARD**

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**PART 1: GENERAL**

1.01 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences of The University of Texas at Austin for hardware products for doors, including locksets, hinges, closers, push/pull plates, knobs and handles, keys and key systems, and electronic locking systems.
- B. UT recognizes that project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications for UT projects.

1.02 Related Standards

- A. Section 08700, “Locks and Key Standards.”

1.03 Reference Standards

- A. U.T. Austin Locks and Keys Service “Campus Lock Standards - By Building” listing the types of hardware used in each campus building.
- B. NFPA 101 Life Safety Code

1.04 Quality Control

- A. General maintenance and repair: While maintaining hardware in a particular building, use products from the single hardware manufacturer utilized throughout that building. Typically, products from approximately three (3) manufacturers are used on the UT-Austin campus. These are Sargent, Corbin, and Schlage.
- B. Special Security Issues –Coordinate the security related door hardware with the door schedule, hardware specifications and any security door details shown on the electric plans. Verify the same nomenclature for the security door type is used consistently throughout related specification section and hardware schedules. Clearly define the responsibilities of the UT Austin project representative, the hardware supplier / installer, and the electrician.
- C. Door hardware must comply with the requirements of NFPA 101 Life Safety Code and be installed in compliance with the Life Safety Code.

1.05 General Requirements

- A. Finish: Listed below are acceptable finishes. Use polished brass only where required to match existing. A brush type finish is preferred for all metal types. The UT-Austin campus standard finishes are as follows:

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- 612 - Dull Bronze
- 613 - Oil Rubbed Bronze
- 626 - Dull Chrome
- 630 - Stainless Steel

- B. Door Levers: At the request of the Fire Marshall, UT-Austin campus standard requires the use of door levers designed to return back to within 1/2” of the door face on which the lever is mounted. This prohibits fire hoses from being caught within the lever.
- C. Door Lever Type: UT-Austin campus prefers that locksets be full mortised rather than cylindrical.
- D. Maintenance areas: Locks for doorways to all designated mechanical, electrical, telephone, elevator equipment and grounds irrigation rooms shall be keyed alike.
- E. StopsDoor stops shall be mounted on the wall with internal blocking, in lieu of, a floor-mounted stop, which restricts floor maintenance.
- F. Kick/Mop Plates: A Kick/Mop plate shall be mounted on the corridor side of all corridor doors.
- G. Door closers:
  - 1. Corbin Russwin DC-2210
    - a. 689 – silver
    - b. 690 – dark bronze
  - 2. LCN
- H. Mechanical Push Button Door Opener: Any doorway operated by a mechanical push button device shall be installed with a keyed building system override for access through the doorway in any event that the mechanical device fails.
- I. Door Panic Hardware: Panic shall be manufactured by Von Duprin, or equal approved by UT project representative.
- J. Uniformity: All hardware products used within a single building shall be by only one (1) manufacturer. Refer to the current edition of the UT-Austin campus standard titled “Campus Lock Standards - By Building.”
- K. Keying: Refer to the UT-Austin campus standard titled “Campus Lock Standards - By Building” dated 5/19/98.
- L. Door Hardware delivery to site: Deliver all door hardware, including the cylinders, to the project site. All key blanks for the door cylinders, however, shall be delivered to the UT project representative. UT-Austin will subsequently issue blanks to the project contractor for use during construction. Upon completion of construction, these blanks shall then be returned to the UT project representative.

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- M. Smoke-Fire Actuated (magnetic hold opens):  
Locations where magnetic hold opens are needed shall be analyzed with UT Austin project representative during design to identify doors requiring closers which have a high potential for occupants to want to hold doors open, so that recommendations for using electromagnetic hold opens can be developed.

**PART 2: PRODUCTS – NOT USED**

**PART 3: EXECUTION – NOT USED**

END OF STANDARD 08710