

ADA Locker Guidelines

Included are the ADA Guidelines as they apply to Tennsco Lockers: All of the lockers can be opened with less than the minimum allowable force required by the ADA guidelines. The doors can be opened without tight grasping, pinching or twisting of the wrist with no more than five pounds of force to open or operate the locker. This specific guideline is applied to people with fine motor skill problems. The guideline is applied to people with fine motor skill problems. The guideline is applied to people with fine motor skill problems. The guideline that applies to wheelchair access indicates that anything below 9" and above 54" is not wheelchair accessible.

ADA Compliant Lock: Tennsco's ADAKC Key Cap will make any master lock sold by Tennsco (that uses a key) ADA compliant. Design increases the size of the key head to make it easier to grip and turn. It can be used on all Tennsco Single, Double and Triple Tier lockers, both welded and KD. **It will not function on any Tennsco Box Locker.** The lock is designed to work on lockers with a lift latch mechanism. The lock utilizes a mechanical operation which does not require more than five pounds of force to operate. The user operates the lock by simply inserting the key. This allows the lift latch to be raised and the locker door to open. To lock the locker, the user removes the key and closes the door. The lock has a pivoting deadbolt instead of a horizontally actuated dead bolt. A set of three keys is supplied with each ZEF-1730 lock. Additional keys can be purchased if needed. ZEF-LK is the model number for an extra key. **Please note that this model number is for one key.** The ZEF-CK is a Master Key that will open any ZEF-1730 lock within a key series. They are not necessary for the function of a lock. They are only needed if a Master Key is needed.

Box Lockers: Please be aware that the MAS-1630 will not work on Tennsco Box Lockers. The dead bolt in the MAS-1630 pivots upward when the lock is operated. The lock requires the upward motion of a lock bar to function. Tennsco Box Lockers are designed to be locked with either a padlock or a horizontally actuated deadbolt lock. The finger pull on Tennsco Box Lockers can be operated using minimal force. It only requires two to three pounds to open a Box Locker Door. No pinching or twisting of the wrist is required to open the Box Locker Door. The Side Reach Guideline does apply to Tennsco Box Lockers only because any opening above 54" or below 9" is not wheelchair accessible. The bottom openings on both the 6-High and 5-High lockers are not compliant. The top two openings of the 6-High and top opening of the 5-High are above 54" so they aren't compliant. The second, third and fourth openings are fully ADA compliant.

Triple Tier Lockers: The lift latch mechanism is ADA compliant for Tennsco's Triple Tier Locker. It can be lifted with less than 5 pounds of force. The lift latch moves up to unlock the door and does not require tight grasping, twisting of the wrist or pinching. Once the lift latch is released, the lock bar drops and the door is closed in a lockable position. The bottom opening of a Tennsco Triple Tier Locker must be modified to make it ADA compliant. The bottom of the locker is 7" high assuming that the lockers without legs will be used on a closed base or raised pedestal. This opening can be made compliant by adding an ADALSI Bottom Riser can be positioned on the bottom shelf. It does not require any tools or hardware and can be removed easily. The riser will add 3" to the height of the bottom shelf raising the top surface to 10". A welded ESL shelf can also be used to make the bottom opening ADA compliant. The shelf can be welded in position 3" above the bottom shelf. The shelf can also be added to a KD unit but holes will have to be drilled. The middle opening on a Triple Tier Locker does not require any modification to make it ADA compliant. The top level is not ADA compliant because most of the opening is above 54".

Double Tier Lockers: The lift latch mechanism is ADA compliant for Tennsco's Double Tier Locker. It can be lifted with less than five pounds of force. The lift latch moves up to unlock the door and does not require tight grasping, twisting of the wrist or pinching. Once the lift latch is released, the bar drops and the door is closed in a lockable position. The bottom opening of a Tennsco Double Tier Locker must be modified to make it ADA compliant. The bottom of the locker is 7" high assuming that the lockers without legs will be used on a closed base or raised pedestal. The opening can be made compliant by adding an ADALSI-XXXX Bottom Riser or ESL-XXXXI Shelf. The ADALSI Bottom Riser can be positioned on the bottom shelf. It does not require any tools or hardware and can be removed easily. The riser will add 3" to the height of the bottom shelf, raising the top surface to 10". A welded ESL shelf can also be used to make the bottom opening ADA compliant. The shelf can be welded in position, 3" above the bottom shelf. The top level can be welded in position, 3" above the bottom shelf. The top level can be made ADA compliant by adding an ADALS-XXXXI shelf 46" from the top of the bottom shelf in the first opening. This will position the coat hooks and top shelf below the 54" maximum height requirement. The shelf can also be added to a KD unit but drilling is required.

Single Tier Lockers: The lift latch mechanism is ADA compliant for Tennsco's Single Tier Locker. It can be lifted with less than five pounds of force. The lift latch moves up to unlock the door and does not require tight grasping, twisting of the wrist or pinching. Once the lift latch is released, the lock bar drops and the door is closed in a lockable position. The opening of a Tennsco Single Tier Locker must be modified to make it ADA compliant. The bottom of the locker is 7" high assuming that the lockers without legs will be used on a closed base or raised pedestal. The opening can be made compliant by adding an ADALSI-XXXX Bottom Riser or ESL-XXXXI Shelf. The ADALSI Bottom Riser can be positioned on the bottom shelf. It does not require and tools or hardware and can be removed easily. The riser will add 3" to the height of the

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bottom shelf, raising the top surface to 10". A welded ESL shelf can also be used to make the bottom opening ADA compliant. The shelf can be welded in position 3" above the bottom shelf. This will position the coat hooks and top shelf below the 54" maximum height requirement. The shelf can also be added to an unassembled unit but drilling is required.

4.2.6* Side Reach: If the clear floor space allows parallel approach by a person in a wheelchair, the maximum high side reach allowed shall be 54" (1370 mm) and the low side reach shall be no less than 9" (230 mm) above the floor.

4.2.3* Wheelchair Turning Space: The space required for a wheelchair to make a 180-degree turn is a clear space of 60" (1525 mm) diameter.

4.2.5* Forward Reach: If the clear floor space only allows forward approach to an object, the maximum high forward reach allowed shall be 48" (1220 mm). The minimum low forward reach is 15" (380mm).

A4.1.3(12)(c): Different types of lockers may include full-size and half-size lockers, as well as those specifically designed for storage of various sports equipment.

4.27.4 Operation: Controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lbs (22.2 N).

Number Plates: Black plastic number/name plates (2 1/2" x 7/32") are attached to the recessed door handles. The white lettering is 1/4" high. Aluminum number plates (2 3/8" x 3/4") with 1/2" high black numbers are attached near the top of the door. Both style plates are attached with rivets. The number sequence or names should be supplied when ordering.

Locker Benches / Pedestals: Select grade stock 9 1/2" wide and 1 1/4" thick, edges and corners beveled. Smooth lacquered finish. Rugged steel pedestals to be positioned a maximum of 4' on center. Benches can be ordered any length to the nearest 6". Heavy duty steel pedestals have an enamel finish to match your lockers. Overall pedestal height is 17 3/4". Benches must be secured to the floor.

Locker Sloping Tops: Shall be fabricated from 22-24 gauge steel with a 17 degree slope. Tops are available in single or three wide kits. Tops to be field installed.

Locker Sloping Top Filler: Shall be fabricated from 22 gauge steel. Sloping top fillers are used with sloping top lockers to fill the space between two locker sloping tops or a locker top and the wall.

Sloping Top Corner Filler: Sloping top corner fill is used with sloping locker tops to fill the corner space between two locker tops.

Flat Top Filler: The flat top filler is used on flat locker tops to fill the space between two locker tops or a locker top and the wall.

Flat Top Corner Filler: Flat top corner filler is used to fill the corner space between two locker tops.

Flat Top Boxed End Panel: Flat top boxed end panels are designed to give a finished look and a sturdier end to a row of free-standing lockers.

Sloping Top Boxed End Panel: Sloping top boxed end panels are used with sloping top lockers to give a finished look and a sturdier end to a row of free-standing lockers.

Horizontal & Vertical Trim: These decorative trim pieces fill the space between the lockers and the wall when the lockers are recessed. Horizontal trim comes in 72" lengths for custom, onsite trimming. Vertical trim is available in 60" and 72" heights.

Splice Cap / Corner Splice Cap / Outside Corner Cap: Splice caps provide a uniform, even join where more than one piece of trim meets. Corner Caps are used to join horizontal and vertical trim pieces. Outside corner caps are used to join trim pieces and turn a corner.

Z Brace / Bottom Angle: Z Braces provide reinforcement and secures the bottom of the locker to the floor, while adding toespace under the locker. Bottom angles are used as decorative filler for the bottom face of the locker.

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Angle Filler Panel / Flat Filler Panel: Angle filler panels are used to close the space between two lockers when an obstruction prevents the installation of another locker. Flat filler panels require two filler panel frames; angle filler panels require one.

Filler Panel Frame / Corner Angle: Filler panel frames attached to locker frames to secure front filler panels. Corner angles are used in inside corners to provide a finished appearance.

Coat Rod: These painted (medium grey only) steel rods are 1/2" diameter and are available in 9", 12", 15", 18", 21", & 24".

Coat Hook: Additional coat hooks can be added to any locker. Coat hooks can be factory welded into assembled units if specified at time of order. Single hook or double hook available.

Shelves and Partitions: Add shelves to customize locker compartments or vertical partitions to create dual compartments in single tier lockers.

Front Base: Shall be fabricated from 20 gauge steel with four right angle flanges. The front base attaches to the locker frame with four locking tabs, no installation tools are required. The base shall fill the opening between the locker frame and the floor. To be used with leg lockers only.

End Bases: Shall be fabricated from 20 gauge steel with three right angle flanges and front flange formed to 60 degrees. The end base attaches to the rear leg with two nuts and bolts. Closed end bases fit between front and rear legs of a row-ending locker. To be used with leg lockers only.

Closed Base: Shall be fabricated from 18 gauge steel and electrically welded into a full perimeter base to raise lockers 6" from the floor. Base attaches to lockers with two nuts and bolts. To be used with no-leg lockers only.

Locker End: Locker ends are used to finish a row and give a clean, attractive appearance.

Grooved Key Lock: This built-in deadbolt lock features a rust-resistant steel case and a large assortment of differing keys. The grooved key lock ensures additional security. Masterkeyed systems are available.

Combination Padlock / Masterkeyed Combination Padlock: A self-locking shackle and automatic disarranging tumblers make these locks virtually tamper-proof. Masterkeyed system provides additional control. Shackle Diameter is 9/32" (7 mm).

Manual Locking Combination Deadbolt / Automatic Locking Combination Deadbolt: Both built-in locks are masterkeyed systems with changeable combinations. The precision mechanism never needs lubrication and a stainless steel case covers the mounting bolt for security.

ADA Compliant Key Cap: ADAKC Key Cap will make any master lock sold by Tennsco (that uses a key) ADA compliant. Design increases the size of the key head to make it easier to grip and turn.