

Lyon Workspace Products

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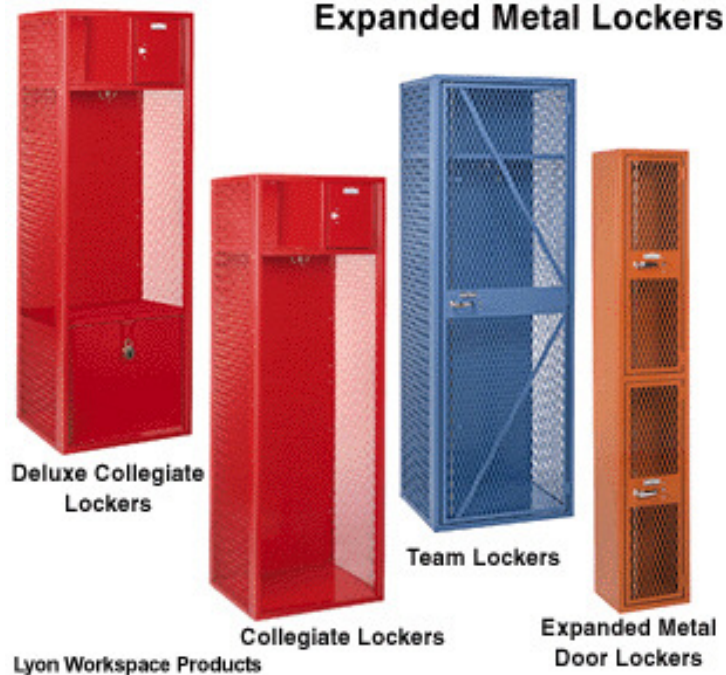
Internet: <http://www.lyonworkspace.com> • E-mail: lyon@lyonworkspace.com**EXPANDED METAL LOCKERS – PRODUCT SPECIFICATIONS**

DELUXE COLLEGIATE LOCKERS offer additional security for special equipment or assigned gear. 18" high interior compartment bench with padlock hasp.

COLLEGIATE LOCKERS are designed to provide easy access to equipment and uniforms in team locker rooms. Shelf and security box with padlock hasp, included.

TEAM LOCKERS are recommended for storing bulky uniforms of hockey and football teams, offering up to 24" wide compartments. Reinforcing K-brace welded to each door frame for added strength and proper door alignment.

EXPANDED METAL DOOR LOCKERS feature solid sides and backs with expanded metal doors. Available in single or double tier models.



Material – Expanded metal shall be 3/4" mesh 13 gauge flattened carbon steel providing approximately 74% open area. Gauges and other steel parts shall be as listed below. Bolts to be zinc plated or subjected to other rust-retardant treatment.

Body – Sides shall be constructed with 13 gauge expanded metal with 20 gauge steel hemming welded to all four edges, resulting in a completely smooth frame around the expanded metal. The 16 gauge flat top, intermediate tops and bottom shall be offset to extend into frame cross members. (Not applicable on Multiple Tier Lockers.) All shelves and intermediate bottoms shall be flanged on all four sides for strength with the front flange returned 45° for safety. Backs shall be 16 gauge, cold-rolled steel. Individual sloping tops shall be 20 gauge cold-rolled steel.

NOTE: Lyon strongly recommends that exposed side end sheets be of solid material.

Door Frame – Shall be 16 gauge formed steel channels. Vertical members shall have an additional flange to form continuous door strike. Corners shall be lapped and welded into a rigid assembly. In addition, bottom cross members shall have tang at each end that fits through slot in rear flange of upright frame member to prevent twisting out of alignment. Top and bottom cross members shall provide support for front edge of locker top and locker bottom.

Door – Single, double and triple tier doors only shall consist of 12 gauge angle frame and 12 gauge center lock plate with 13 gauge flattened expanded metal welded to inside. Center lock plate to be backed by 16 gauge retainer plate formed to provide a retainer for edges of expanded metal. The 24" wide single tier locker doors to have 14 gauge reinforcing "K-brace" welded to angle frame for rugged, sag-resistant operation.

Multiple tier locker doors only shall be one-piece, 16 gauge cold-rolled steel 17/32" x 1-1/16" diamond shaped perforations surrounded by a minimum of 1/4" steel webbing. Hinge side of doors shall be channel-shaped formation with other three sides flanged at 90° angle.

Latching – Single, double and triple tier lockers shall have a locking device to engage the frame at three points. Locking device shall consist of two 5/16" cold-drawn steel rods and 12 gauge center locking disc. 12 gauge security clip to be welded to lock plate to prevent disc from being disengaged from built-in lock bolt and also to provide padlock attachment. Box lockers only shall have a one-point locking device with a 14 gauge lock clip for locking with padlocks, built-in key or combination locks. Single tier locker doors to be equipped with a 12 gauge lock rod guard to reduce vandalism.

Hinges – Shall be not less than 2" high. They feature .050" steel 5 knuckle, full loop forming double thickness on each leaf. Hinges to be set in slots in frame and projection-welded to frame – securely attached to door. Hinge pin to be spun over at ends. Single tier lockers 72" and 60" high to have three hinges, 48" high to have two hinges. and multiple-tier to have two hinges – all on right-hand side of door.

Hat Shelves – Single tier lockers shall have one 16 gauge hat shelf approximately 12" below top. Flanged on sides and back-channel formation on front flange – attached at no less than two points through each side flange. Double tier, triple tier and multiple tier lockers do not have hat shelves.

Coat Hooks – Single tier, double tier and triple tier lockers shall have one double prong (ceiling) hook and three single prong wall hooks. All hooks to be zinc-plated or subjected to a comparable rust-retardant treatment and attached with two bolts.

Number Plates – All lockers shall have aluminum number plates with etched figures at least 3/8" high.

Finish – Steel parts shall be thoroughly cleaned, given a bonding and rust inhibitive phosphate treatment and a heavy coat of high-quality enamel. Enamel shall be baked at 300°F and must withstand a rigid hammer test without chipping or flaking. Complete locker must be finished in same color.

NOTE: Lyon recommends application of a corrosion-resistant finish on lockers used in high humidity or corrosive atmospheres.

Anchoring – To prevent tipping or injury, Lyon strongly recommends that lockers be floor and/or wall anchored.

Freestanding Lockers – Lockers shall be furnished with 6" legs. Front and end closed bases available (bases same as for standard lockers).