

## Fully Framed Knocked Down Gear Locker

These are snapshot specifications for quick reference and product selection. Full Specifications with expanded product information can be found on [pencoproducts.com](http://pencoproducts.com) and may include updates as a result of Penco's continuous product improvement initiatives.

### At a Glance...

- Heavy-duty Gear locker
- Knocked-down construction
- 14-gauge Door, 16-gauge Top and Bottom
- 16-gauge Diamond or Solid Sides optional
- Flattened Expanded Metal Sides standard
- Wide variety of interior accessories
- Ultra Cremone Recessed Handle standard
- 4 or 6-inch high Channel Base available



### SNAPSHOT SPECIFICATIONS - Section 10 51 13

#### PART 1 - GENERAL

##### 1.01 SECTION INCLUDES

Heavy Duty Knocked Down Fully Framed Gear Lockers

##### 1.02 REFERENCES

ADAAG - Americans with Disabilities Act, Accessibility Guidelines.

##### 1.03 SUBMITTALS

Submit under provisions of Section 01 33 00. Shop Drawings: Show the following: Dimensioned drawings including plans, elevations, and sections to show locker locations and interfaces with adjacent substrates. Details of assembly, erection, anchorage and clearance requirements. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and finishes.

##### 1.04 DELIVERY, STORAGE AND HANDLING

Store products in manufacturer's unopened packaging until ready for installation to protect the locker finish and adjacent surfaces from damage.

#### PART 2 - PRODUCTS

##### 2.01 MANUFACTURER

Acceptable Manufacturer: Penco Products, Inc., which is located at: 1820 Stonehenge Drive, Greenville, NC 27858; Tel: 800-562-1000; Fax: 800-248-1555; Email: [general@pencoproducts.com](mailto:general@pencoproducts.com); Web: [www.pencoproducts.com](http://www.pencoproducts.com)

Lockers shall be GREENGUARD Gold Certified by UL Environment through the GREENGUARD Certification Program.

##### 2.02 MATERIALS

**Steel:** All Penco standard lockers are constructed using prime grade steel free from surface imperfection

capable of taking high grade enamel finish. Sheet steel components shall be zinc coated and free from surface imperfection and capable of taking high grade enamel finish. 13 gauge expanded metal divisions meet or exceed ASTM M1008/A1008M captured on all sides by the tubular shaped frame assembly. Self-tapping screws and rivets. Provide only metal lockers that conform to Made in US regulations.

##### 2.03 HEAVY DUTY LOCKERS

**Heavy Duty Lockers:** All locker body components made of cold rolled steel specially formed for added strength and rigidity and to ensure tight joints at fastening points.

**Locker Body Construction:** Bottoms, Tops, and Shelves: 16-gauge steel. Sides: 16-gauge Solid Sides, Flattened expanded metal, 16-gauge Diamond Perforation on 72-inch high only. Backs: Solid 18-gauge steel. One-piece. Doors: 14-gauge steel. Standard Ventilation: 6-inch (152.4 mm) wide by 3/4" high (19.05 mm) high horizontal louvers arranged two groups of 6. Optional Ventilation: 3/4 inch (19 mm) wide by 1-1/2 inch (38 mm) high diamond-shaped perforations. Optional Ventilation: Solid Tops and bottoms with four sides formed at 90 degrees welded to the fully-framed channel with cast corner pieces. Channel Base: 4-inch or 6-inch high. 14-gauge sheet forming a "C" channel attached to locker bottom. Shelves with four sides formed to 90 degrees, front and back edge having a second bend.

Welded shell. Tubular frame construction with cast steel interlocks provide a true fully framed locker body construction. Hole spacing in locker body construction: Not exceeding 3 inches.

**Locker Doors:** One-piece sheet steel. Provide holes for attaching number plates.

**Hinges:** Continuous type: 16-gauge piano hinge measuring full height of door. Welded to door and attached to locker frame using steel rivets.

##### 2.04 DOOR HANDLES AND LATCHING

**Single Tier Lockers:** Ultra Cremone Recessed Handle: Handle shall engage the door frame on three sides. The top and bottom frames are engaged with 3/8 inch (9.5 mm) steel rods, and a 1/4 x 3-inch-thick center latch engages at the side or left door. Locate handle in the formed stainless steel pocket. Double door configurations shall consist of a left hinged door secured its full length by the right hinged door when latched. Handle assembly shall be secured to the pocket using a guided channel. Pocket is secured to the door in two places. Doors 18" wide or wider shall be reinforced using a 20-gauge vertical pan spot welded at a maximum of 8" on center to the hinge side of the door.

Door shall be reinforced using a 20-gauge horizontal box pan spot-welded a maximum of 8" on center to the hinge and latch side channels, and spot welded a maximum of 8" on center to the door skin along the upper and lower pan edge for optimum strength, quiet operation and stiffness. Firmly secure rubber silencers to locker frame.

## SNAPSHOT SPECIFICATIONS (continued)

**ADA Compliant:** Ultra Cremone Recessed Handle mechanism should be ADA complaint requiring no twisting, pinching or tight grasping and is operable using less than 5lbs of force.

### 2.05 INTERIOR EQUIPMENT

Heavy Duty Gear Lockers with Doors:  
Optional Full Width Shelf - located approximately 13-inches (330 mm) below top of locker. Optional Coat Rod - using two heavy duty single prong hooks, mounted to shelf and two single prong hooks with a diameter of 0.187 in rear, mounted to shelf.

### 2.06 ACCESSORIES

(See full product specifications.)

### 2.07 FABRICATION

Fabricate lockers with fully framed construction, 8 male/female tubular insertion points to provide the fully framed locker body, square, rigid, without warp, with metal faces flat and free of distortion. Fabricate lockers on the unit principle, each locker with individual door and frame, individual top, bottom, back, and shelves. Verify dimensions and arrangement before fabrication.

**Finish:** Enamel powder coat paint finish applied in strict adherence to paint manufacturer's specifications to provide optimum appearance and performance. Finishes releasing VOCs are not acceptable. Interior and Exterior shall be painted the same color. Standard coating thickness is 1 to 1.2 mil dry film thickness minimum. Powder Coat Plus option increases thickness to 2 to 2.2 mil minimum. Colors as selected from manufacturer's standard colors. All locker body components shall match color of door and frame.

**Special Finishes:** Custom color, Anti-Graffiti, and Anti-Microbial finishes are available.

## PART 3 - EXECUTION

### 3.01 EXAMINATION

Do not begin installation until substrates and bases have been properly prepared. If substrate and bases are the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### 3.02 INSTALLATION

Install metal lockers and accessories

at locations shown in accordance with manufacturer's instructions. Install lockers plumb, level, and square. Work is not to progress until site meets necessary conditions. Anchor lockers to floor and/or wall as recommended by the manufacturer. Bolt adjoining locker units together to provide rigid installation. Install sloping tops and metal fillers using concealed fasteners. Provide flush hairline joints against adjacent surfaces. Install benches by fastening bench tops to pedestals and securely anchoring to the floor using appropriate anchors for the floor material.

### 3.03 ADJUSTING AND CLEANING

Adjust doors and latches to operate without binding. Verify that latches are operating satisfactorily. Adjust built-in locks to prevent binding of dial or key and ensure smooth operation prior to substantial completion.

Touch-up with factory-supplied paint and repair or replace damaged products before substantial completion.

### 3.04 PROTECTION

Protect installed products until completion of project.

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