



## Olympian Open Athletic (All-Welded or Knocked-Down Lockers) All-Welded Or Knocked-Down Lockers

### Part 1 General

1.1 **Section Includes:** *(specify as much information as possible here)*

All-Welded Open Athletic Lockers

Optional: Knocked-Down or Internal Angle Iron Construction (Welded only)

1.2 **Related Sections:**

*List all sections of other work that relate to lockers such as: bases, metal fabrications, wall finishes, etc.*

1.3 **References:**

*List only those references that pertain to the material or installation standards as they pertain to this specific project*

1.4 **Submittals:**

A. Submit under provisions of Section \_\_\_\_\_ *(List the Section pertaining to submittals)*

B. **Product Data:**

Manufacturer's data sheets on each locker type to be used including:

1. Preparation instruction and recommendations
2. Installation methods

C. **Shop Drawings:**

Provide drawings that detail the plan, section and elevation views of each locker type specified. Coordinate quantities, sizes, and locations as they pertain to the contract drawings. Indicate number of lockers within each bank.

D. **Numbering:**

Locker numbering sequence shall be provided by the approving authority and noted on the approved shop drawings.

E. **Color Charts:**

Provide two sets of manufacturer's standard color charts along with shop drawings.

1.5 **Quality Assurance:**

Provide each type of metal locker as produced by a single manufacturer, including necessary mounting accessories, fittings and fastenings.

1.6 **Project Conditions:**

- A. Store lockers and accessories in manufacturer's unopened packaging until ready for installation. Lockers shall be protected from damage during storage.
- B. Lockers shall not be delivered until building is enclosed and environmental conditions (temperature, humidity and ventilation) are internally controlled.

1.7 **Warranty:**

Lockers are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section for a period of two years (Knocked-down construction) or ten years (welded construction)

## Part 2 - Products

### 2.1 Acceptable Manufacturers:

- A. Olympus Lockers & Storage Products Inc. – Olympian Open Athletic All-Welded Locker  
Optional: Internal Angle Iron Frame Construction (welded only) or Knocked-Down Construction
- B. Products by other manufactures may be approved provided they meet or exceed every aspect of this Section.  
Approval process shall be defined in the General Conditions Section

### 2.2 All-Welded or Knocked-Down Metal Lockers:

- A. **Tiers:**  
Number of Tiers/Opening: Single opening locker with no door
- B. **Sizes:**  
Width 15, 18, 24, or 36", Other \_\_\_\_\_ x Depth 15, 18, 24, or 36", Other \_\_\_\_\_ x Overall Height 60 or 72",  
Other \_\_\_\_\_
- C. *Indicating quantities produces consistent pricing*

### 2.3 Fabrication:

- A. **Materials:**  
All parts to be made from prime grade mild cold rolled sheet steel (unless indicated differently below) free from surface imperfections, and capable of taking on a powder coat finish.
- B. **Finish:**  
Steel shall be cleaned with a phosphatizing and metal preparation process. Finish coat shall be a baked-on powder coat enamel with a 2-3 mil minimum thickness.
- C. **Color:**  
Locker finish color - Color selected from manufacturers standard offerings or custom color as desired  
All locker parts inside and out to be painted the same color  
Optional: Two Tone paint – doors painted separate color from frame and body
- D. **Construction:**  
Lockers to be all-welded (**WU**) assembled into banks of multiple lockers sharing a common back, tops, and bottoms. Quantity of lockers per bank dictated by size and project layout requirements. Optional: Welded internal angle iron construction (**WA**). Knocked-Down (**KD**) unit type will have individual frame, top, bottom, back, and shelves with common intermediate uprights separating units. All-Welded or Internal Angle Iron construction locker body components are welded together to form a one piece rigid construction. Knocked-Down locker components will be mechanically fastened together with locking nuts and bolts or aluminum/stainless steel rivets.  
**Note: Stainless Steel frame members not available with Angle Iron Construction.**
  - 1. **Frame:**  
All Construction Styles: Frame members to be 16 gauge formed channel shapes. 16 gauge top and bottom cross frame members to form a square rigid assembly.  
Internal Angle Iron Construction: 1"x1"x1/8" internal angle iron perimeter welded to interior of frame.  
Steel Type: cold rolled mild steel, Optional galvanized steel or Stainless steel
  - 2. **Top:**  
This is the locker body top, not an accessory top such as slope top or boxed top.  
All-Welded Construction: 16 gauge steel.  
Internal Angle Iron Construction: 16 gauge steel with 1"x1"x1/8" internal angle iron perimeter welded to interior  
Knocked-Down Construction: 16 gauge steel with right angle return flange on all 4 sides.  
Steel Type: cold rolled mild steel, Optional galvanized steel or Stainless steel
  - 3. **Bottom:**  
All-Welded Construction: 16 gauge steel. Single piece bottom.  
Internal Angle Iron Construction: 16 gauge steel. Single piece bottom. 1" x 1" x 1/8" internal angle iron perimeter welded to interior on bottom only.  
Knocked-Down Construction: 16 gauge steel with right angle return flange on all four sides.  
Steel Type: Cold rolled mild steel, Optional Galvanized steel or Stainless steel

4. **Shelves:**  
All-Welded Construction & Internal Angle Iron Construction: 16 gauge steel – Welded to locker back and sides.  
Knocked-Down Construction: 16 gauge steel. Single return flange on sides and back with double return flange on front.  
Steel Type: Cold rolled mild steel, Optional Galvannealed steel or Stainless steel

5. **Sides:**  
All Construction Styles: 16 gauge steel with diamond shaped perforations, punched between the clothes rod/hook attachment area and the top of the foot locker base. Side panels shall be free of punched perforations above the clothes rod/hook attachment area and top of the foot locker to create a closed space above the shelf and below the foot locker top.  
Internal Angle Iron Construction: 1"x1"x1/8" internal angle iron perimeter welded to interior of sides.  
Steel Type: Cold rolled mild steel, Optional Galvannealed steel or Stainless steel

Other Venting Options: Mini Louver or Solid Panel

6. **Backs:**  
All-Welded Construction: 16 gauge steel.  
Internal Angle Iron Construction: 16 gauge steel with 1" x 1" x 1/8" internal angle iron perimeter welded to interior of back.  
Knocked-Down Construction: 16 gauge steel backs shall have right angle flange returns on both vertical edges to provide strength, rigidity and an assembly attachment point.  
Steel Type: Cold rolled mild steel, Optional Galvannealed steel or Stainless steel

E. **Accessories:**

1. **Base:** *(Specify party responsible for bases)*  
Choose one option below:  
a. 18 gauge steel, 4" zee style base  
b. 16 gauge steel, 4" zee style base  
c. 14 gauge steel, 4" zee style base  
d. 6" metal legs – No front and side close panels (standard)  
Front and side closure panels (optional)  
e. Wood base by section: \_\_\_\_\_  
f. Concrete base by section: \_\_\_\_\_

If metal base is specified above, provide the following steel type:

Steel Type: Cold rolled mild, Optional Galvannealed or Stainless steel

2. **Accessory Tops:**  
Select one option from below:  
a. No top separate from locker body top  
b. Slope top: 20, 18, or 16 gauge steel  
c. Finished flat top: 20 or 16 gauge steel  
d. Boxed top: 16 gauge steel  
Steel Type: Cold rolled mild, Optional Galvannealed or Stainless steel

3. **Hooks:**  
Lockers to have 4 single prong hooks, one on each side with clothes rod attachments and 2 on the interior back. All hooks to be made of steel and zinc plated. Hook tips to be formed into a ball point. Hooks to be attached with 2 bolts or rivets. Other hook options and clothes rod removal (Optional)

4. **Coat Rod:**  
Full width steel rod attached per manufacturer's recommendations. Optional: No coat rod.

5. **Foot Locker:**  
Optional: Provide foot locker as described below  
Foot locker shall provide for a full width and depth, lockable, enclosed space at the bottom portion of the locker. Foot locker shall include a 14 gauge steel top and front panel made of galvannealed steel. Top panel to act as a seat and will swing open for foot locker access. Seat top to be attached to locker via a 16 gauge continuous hinge to run full width of locker. Front panel to have right angle return flanges on all four sides to provide for attachment as well as support for top seat panel. The top of the front panel shall have an additional right angle return to form a channel shape for additional strength and rigidity. Front panel shall also provide ventilation via mini louvers stamped into front panel across entire surface area. Seat and front panel shall provide a padlock hasp locking mechanism to accept padlock for security.

6. **Locks:** *(Specify party responsible for locks and the type of lock desired)*
7. **Exposed Ends:**  
Choose one option below:
  - a. No ends separate from locker body side panel
  - b. Boxed end panels: 16 ga. – No exposed fasteners

Steel Type: Cold rolled mild steel, Optional Galvannealed steel or Stainless steel
8. **Trim and Filler Panels:**  
Provide concealed method of anchorage  
Steel Type: Cold rolled mild steel, Optional Galvannealed steel or Stainless steel  

Steel Gauge: 16, 20 or 24 gauge steel
9. **Number Plates:**  
Each locker to have polished aluminum number plates attached with two rivets.
10. **Security Lock Box:**  
14 gauge lockable door attached to 16 gauge door frames formed into a channel shape. Vertical frame members to have an additional return flange so that continuous vertical door strikes are created. Door shall be attached to the frame with 16 gauge continuous hinge. Door to have stainless steel recessed cup to prevent lock from protruding beyond face of door. Door is locked through a single point latch mechanism which accepts either a padlock or built-in combination lock.  
Optional: padlock hasp and door pull in lieu of recessed cup.

## Part 3 Execution

### 3.1 Installation:

Lockers to be installed in accordance with the manufacturer's approved drawings and assembly instructions. Install lockers plumb, level and flush. Anchor lockers to the floor and wall according to manufacturer recommendations. All fillers and sloped top to be installed with concealed fasteners. All joints at adjacent surfaces to be hairline or smaller.

### 3.2 Adjustment:

Adjust doors and latch mechanisms to operate as designed. Touch up scratches and abrasions with factory supplied paint to match original color(s) used on the lockers.

Note: Olympus Lockers and Storage Products, Inc. reserves the right to modify or change the design of locker components and/or specifications as required.