

# Lyon Workspace Products

## 8000 Series Tee Post Shelving Specifications

### Uprights

#### “T” Uprights

All posts are punched on 1-1/2" centers with pairs of parallel slots 11/16" long, with one slot keyhole-shaped for bolting cross braces and accessories to uprights.

#### Open Uprights

Consist of two 16 gauge, hot rolled, formed steel “T”s 1-1/2" x 2-1/8" x 1/8" with one pair of 1" x 12 gauge band cross braces on uprights less than 120" high. Uprights 120" and higher – two or more pairs of 1" x 12 gauge band cross braces as required.

#### Closed Uprights

Two 16 gauge, hot rolled, formed steel “T”s 1-1/2" x 2-1/8" x 1/8" with 24-gauge side sheet spot welded on 6" centers to the 1/2" extension on the “T”.

#### Offset Angle Uprights

All uprights shall be punched on 1-1/2" centers with pairs of parallel slots 13/16" long with one slot to have 11/32" diameter hole in center for the attachment of cross braces, bolting shelves, and other accessories. The end of each slot is embossed to ensure perfect clip fit up.

Open uprights consist of two – 13 gauge, hot rolled, formed steel “offset angles” 1" x 2-3/8" with one pair of 1" x 12-gauge band cross braces on uprights less than 96" high. Uprights 96" and higher shall have two or more pairs of 1" x 12-gauge band cross braces as required.

Closed uprights consist of two 13-gauge, hot rolled formed steel “offset angles” 1" x 2-3/8" with 24-gauge side sheet. Side sheets are punched with holes for bolting to the uprights.

### Shelf Clips

12-gauge, hot-rolled, one piece construction. Four clips required per shelf.

### Shelves

#### Medium Duty (M) Industrial Shelves

22-gauge with front and rear “Box W” formation. The front and rear “Box W” formation is not less than 1-11/64" x 27/32" x 1-1/8" with a 9/16" return flange spot-welded to bottom surface of the shelf. The 27/32" portion of the “Box W” formation shall have a 10-degree bend in the center for additional strength and rigidity. The front and rear flanges of the shelf shall be punched to accept bin fronts, label holders, and other accessories. Ends are to be flanged not less than 1-11/64" with a 90 degree return flange of not less than 5/8". All corners are lapped and welded. All shelves are punched on 3" centers for divider attachment. The front and rear flanges of the shelf are to be embossed with “22 GA”. Shelves also punched at four corners for bolting to uprights.

# Lyon Workspace Products

## 8000 Series Tee Post Shelving Specifications

### **Heavy Duty (H) Industrial Shelves**

20-gauge with front and rear “Box W” formation. The front and rear “Box W” formation is not less than 1-11/64" x 27/32" x 1-1/8" with a 9/16" return flange spot-welded to bottom surface of the shelf. The 27/32" portion of the “Box W” formation shall have a 10-degree bend in the center for additional strength and rigidity. The front and rear flanges of the shelf shall be punched to accept bin fronts, label holders, and other accessories. Ends are to be flanged not less than 1-11/64" with a 90 degree return flange of not less than 5/8". All corners are lapped and welded. All shelves are punched on 3" centers for divider attachment. The front and rear flanges of the shelf are to be embossed with “20 GA”. Shelves also punched at four corners for bolting to uprights.

### **Extra Heavy Duty (X) Industrial Shelves**

18-gauge with front and rear “Box W” formation. The front and rear “Box W” formation is not less than 1-11/64" x 27/32" x 1-1/8" with a 9/16" return flange spot-welded to bottom surface of the shelf. The 27/32" portion of the “Box W” formation shall have a 10-degree bend in the center for additional strength and rigidity. The front and rear flanges of the shelf shall be punched to accept bin fronts, label holders, and other accessories. Ends are to be flanged not less than 1-11/64" with a 90 degree return flange of not less than 5/8". All corners are lapped and welded. All shelves are punched on 3" centers for divider attachment. The front and rear flanges of the shelf are to be embossed with “18 GA”. Shelves also punched at four corners for bolting to uprights.

### **Traditional Industrial Shelves**

18-gauge with front and rear flanged down not less than 1-11/64" with return flanges of not less than 3/8" at approximately 10 degrees and punched to accommodate label holder and accessories. Ends are to be flanged not less than 1-11/64" with a 90 degree return flange of not less than 5/8". All corners are lapped and welded. All shelves are punched on 3" centers for divider attachment. The front and rear flanges of the shelf are to be embossed with “18 GA”. Must request punching for bolting of shelves to uprights for 12", 18", 24", and 36" deep.

### **Components**

#### **Lateral Cross Brace**

1" x 12-gauge band formed and punched at each end to bolt to the upright post. One pair of lateral cross braces used with every three shelving section with shelf spacing less than 30". Shelving sections with 30" or greater shelf spacing – two pairs of lateral cross braces with every three shelving sections.

#### **Backs**

Two half panels of heavy gauge steel providing a total of three vertical rows on 1-1/2" centers for attachment to shelves with sheet metal screws. One-piece backs are optional – heavy gauge steel –no wider than 48".