

## **DuraTech™ Pass-Thru Steel Shelving Specifications**

Shelving shall be **GRENGUARD Children & Schools Certified<sup>SM</sup>**

**Angle Posts:** Fabricated of 14 gauge cold rolled steel and roll formed into a modified unequal angle shape. The long leg shall have holes punched on 1-1/2" centers with 3/8" x 7/8" rectangular slots to receive shelf clip. Provide (4) Angle Posts at each unit.

**Top and bottom shelves:** Fabricated from heavy 18 gauge cold rolled steel and are triple flanged at all four sides. All four corners are punched to allow top and bottom shelves to be securely bolted to angle posts using specially designed shoulder bolts and steel-grip nuts. Minimum four nuts and bolts per corner. Used for uniformly distributed loads up to 800 pounds.

**Heavy-Duty Intermediate Shelves:** Formed with two ribs along the horizontal front and rear edge and are stamped on the top left corner for identification. Class 1 shelves are fabricated from heavy gauge cold rolled steel and have roll formed rectangular tubular shaped front and rear edges with return bends resistance welded to the under side of shelf. Welds are spaced 3" on center to provide maximum strength. Sides are triple flanged to form a channel. All four corners are lapped and resistance welded to provide a rigid corner and add extra strength to the shelf. Top surface shall be punched for attaching Shelf Dividers from left to right on 1-1/2" centers, front and back, for 36" wide x 12", 15", 18" and 24" deep shelves. All other sizes are punched on 3" centers. Front and rear surfaces are punched for attaching accessories. Tubular front edge is designed to protect against impact loads. Used for uniformly distributed loads up to 800 pounds. Medium-Duty intermediate shelves with capacities up to 500 pounds and Extra Heavy-Duty intermediate shelves with capacities up to 1,200 pounds are also available.

**Shelf Clips:** Shall be a one piece compression clip drawn from 13 gauge cold rolled steel and zinc plated. Fits snugly against side of post to hold shelves in place. Provide four per intermediate shelf.

**Foot Plates:** 2-1/4" x 3-1/2" x 12 gauge steel plate with angle bracket welded on top. The angle bracket is punched for fastening to front and back posts. The plate shall have a 7/16" diameter hole punched on one end for floor anchoring and be embossed on the other end for Shim Plate alignment. Provide as required for floor anchoring or when shimming is required for a level installation.

**Shim Plates:** 2-1/4" x 3-1/2" x 16 gauge cold rolled sheet steel. Fabricated to fit under the Foot Plate. One end is embossed to fit into the embossment in the Foot Plate to keep them properly aligned. The other end shall have a 7/16" diameter hole to allow floor anchoring. Provide as required when shimming is required for a level installation.

**Color for all painted components:** Shall be Hallowell #725 Hallowell Gray.