

## **Steel Die Rack Shelf Specifications**

**Material:** Steel Die Rack Shelves as well as all Tennsco products are fabricated of high quality, cold rolled carbon steel, free of scale or rust and fully pickled. Exposed edges, corners and surface areas are free of sharp edges and all workmanship is of the highest quality as measured by the industry.

**Finish:** All steel components shall be thoroughly cleaned and phosphatized for rust resistance in a five-stage pre-treatment process. A high grade of polyester/epoxy powder paint is to be applied electrostatically with a gloss reading of between 55 and 65. The finish shall have a salt spray rating of 250 hours or more.

**Left To Right & Front TO Back Rivet Beam (LRA-XX):** The left to right double rivet beams are constructed of 14 ga. steel formed into an angle formation with one leg 2 <sup>3</sup>/<sub>4</sub>" and the other leg 1". The beam has two shoulder rivets on each end at 1 <sup>1</sup>/<sub>2</sub>" which centers to fit the slots in the upright posts

**Steel Shelf:** Steel Die Rack Shelf (ZS-XXXX) is constructed of 16 ga. steel in widths of 36", 48", 60" and 96" and depths of 18", 24" and 36". Front and rear face shelves are 2 <sup>23</sup>/<sub>32</sub>". Corners are notched out so that shelf nests behind SUR-XX corner posts.

**Heavy Upright Post (SUR-XX):** Upright posts are constructed of 14 ga. steel formed into an angle formation of 2 <sup>5</sup>/<sub>64</sub>" x 2 <sup>5</sup>/<sub>64</sub>". The post are punched on 1 <sup>1</sup>/<sub>2</sub>" centers to accept the different versions of beams.

**Front to Back Shelf Deck Support (SDS-XX):** The front to back shelf deck support is constructed of 14 ga. steel formed to fit from front to back between two LRA-XX beams. The SDS-XX shall give the shelf intermediate support.