

## Imperial Specifications

**Materials:** Imperials 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.

**Open Upright:** Open uprights are formed of 18 gauge cold rolled steel, rolled into a 2" hollow "T" or 1" wide hollow "L" shape, with key-slot holes punched on 1 1/2" centers along the inner wall only. There are no holes on the face of the post. The front and back post are joined by welding three 18 gauge spacers, giving required depth and adding rigidity. The center space is a 3" high flat strip. Top and bottom spacers have an 11/16" stiffening flange with two 1/4" holes to allow securing to floor or mobile base. The "T" uprights are used as a common upright between units and "L" uprights for row ends.

**Closed Upright:** Closed uprights have same specification as open

upright except the 18 gauge spacers are replaced by welding a full-length 24 gauge closure sheet with a special offset stiffener flange at the bottom of the closure sheet. The flange has two 1/4" holes to allow securing to floor or mobile base.

**Shelf:** Shelves are formed of 22 gauge cold rolled steel with a 5/32" deep channel formation on all sides. Return flange is formed to 120 degrees to permit easier installation. Shelves 12" deep or less are 20 gauge. Slotted shelves have shelf divider slots on 2" centers. Outer most slots coincide with the inner edge of the posts so a file divider can be used to provide a flush condition with the post at the shelf edge.

**Shelf Support:** Shelf supports are formed of 14 gauge hot roll pickled steel, 11/16" high with flat ears at either end. Semi-tubular rivets with 7/16" diameter head is staked onto ears.

**Back Stop:** Back stops are formed of 18 gauge steel with a 7/16" stiffener flange at bottom. It's face is slotted on same centers as shelf to receive and retain file divider tabs. Ends have one shoulder rivet with 7/16" diameter head. Rivets are set in keyholes on inner wall of back upright posts. Back stops also act as stop for files and are used on single entry only.