

# RECORD MASTER® CASE-STYLE SLIDING SUPPORT® SHELF FILING SYSTEMS

## General Specifications

**DESIGN:** Case-Style four-post, wedge-locking design, consisting of three basic parts: Uprights, shelves and shelf supports. Parts to be assembled without nuts, bolts, studs or clips; without sway braces or gussets; and without the need for tools of any kind. There shall be no holes on exposed surfaces except that the shelves shall be punched to accept center stops. The front and back flange of the shelf shall be flush with the outside face of the post. Shelves shall be adjustable on 1-1/2" centers. Shelving shall be manufactured by the Borroughs Corporation, Kalamazoo, Michigan. Individual components to be as follows:

**CASE-STYLE CLOSED UPRIGHT:** Case-style uprights shall consist of 2" wide, 18 gauge cold rolled steel posts rolled into a hollow "Tee" formation ("Angle" formation for row ends), with two welded 24 gauge closure panels. There shall be keyhole slots on the inner walls only of post, on 1-1/2" centers. There shall be no holes in the face of the post. The panel formation provides an end support wall flush with the inside edge of front and rear posts. There shall be a recess channel adjacent to the posts that conceals shelf supports and provides for the placement of a back stop in single entry units. Double face units shall have a recess channel at mid-depth for installation of a center stop. The "Tee" upright shall be used as a common upright between units.

**SHELF:** Standard case-style shelf filing shelves shall be formed of 22 gauge cold rolled steel with 5/8" flanges on all sides. Front and back flanges to be turned in 9/32". Ends formed flush to clear inside offset panel of upright. Optional heavy-duty shelves shall be formed of 18 gauge cold rolled steel.

**SHELF SUPPORT:** Shelf supports shall be formed of hot rolled, pickled steel 3/4" high. The 36" supports shall be formed of 14 gauge. The 42" and 48" supports shall be formed of 11 gauge. An ear at each end of the shelf support shall contain two shoulder rivets spaced to set into the keyhole slots on the inner wall of the upright. Rivets shall be 7/16" diameter at the head.

**SHELF REINFORCEMENTS:** Shelf reinforcements shall be formed of 14 gauge steel into a channel shape in lengths 1-1/8" less than depth of the shelves with which used. The vertical flanges of the channel are notched at each end.

**SLIDER BACK STOP:** Back stop shall be formed of 18 gauge cold rolled steel with a hem at the top that serves as a rail for sliding support. Ends shall each have one shoulder rivet with a 7/16" diameter head for assembly into the posts. Back stop is 2-1/8" high and is for single entry units only.

**SLIDER CENTER STOP:** Center stop shall be extruded aluminum in the shape of a "U" channel. The channel sides act as rails for back-to-back sliding supports on double entry units. Center stop is 1/14" high.

**SLIDING SUPPORT®:** Sliding support shall be formed of an injection-molded engineering plastic slider block with an attached chrome-plated wire form 6" high and 9" deep. The slider block snaps onto center stop or back stop rail, is easily moved when force is applied near the rail but is self-locking when force is applied to the wire form away from the rail.

**FRONT BASE:** Front base shall be made from 20 gauge cold rolled steel and shall be a flat strip with one 1/2" stiffening flange across the bottom edge.

### ACCESSORIES:

**BACK:** Back, up to 88-1/4", shall be one piece formed of 24 gauge cold rolled steel and shall be held in place without fasteners of any kind by its reversed flanged ends. The side edges of the back shall be formed in two reverse 90° bends to provide flanges 1/4" wide. These flanges shall fit around the post and shall hold the back in place by retaining the flanges between the shelf support, the notch in the shelf and the post.

**BACK HOLDER:** Back holders attach to backs to rigidly brace the top and bottom of back panel.

**SLIDING REFERENCE SHELVES:** Sliding reference shelves, formed of 18 gauge steel, shall be full unit width and attached to the undersides of shelf supports where specified. They shall operate on ball bearing extensions slides and shall be single faced only to allow simultaneous use on both sides of a free standing range.

**SINGLE RIVET BOTTOM SHELF SUPPORT:** Single rivet bottom shelf support shall be formed of 14 gauge, hot rolled, pickled steel, 1-1/4" high. Each end of the shelf support shall contain a shoulder rivet spaced to set into the bottom keyhole slot on the inner wall of the upright. Shoulder rivets shall be 7/16" diameter at the head.

**HPL END PANEL:** HPL end panels shall extend full width and height of unit. The laminate shall cover face and edges of the particle board core. Thickness as specified.

**FINISH:** All parts are thoroughly cleaned, neutralized, given a slight etch for good adhesion and an adherent phosphate coating. The powder coat finish of selected color is electrostatically applied and baked at appropriate temperatures. Finish must withstand ASTM Impact Resistance test, Conical Mandrel Bend test, and other rigid powder coat paint specifications. For more complete information, please refer to our Paint Application/Paint Film Performance General Specifications.

**COLOR:** Color to be selected from manufacturer's standard colors, but not necessarily limited thereto. Indicate additional cost for special match color.

**INSTALLATION:** Installation performed by factory trained, authorized installers.

- **Installation shall be in strict accordance with approved manufacturer's assembly, and installation instructions.**
- **Anchor shelving to the building's support structure for safety where required.**
- **Install shelving at uniform, equal height spacing, unless instructed otherwise.**
- **Assemble components at the job site only in the manner and locations indicated on approved drawings.**

**WARRANTY:** Manufacturer shall extend the original purchaser from the date of purchase a five-year limited warranty against manufacturing defects in material and workmanship.

Specifications subject to change.

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