

**Angle Post**

Post material shall be 14 gauge, hot-rolled, pickled and oiled steel. Angle post shall be roll formed, the overall shape being that of an angle, the side leg which shall be 1-7/8", and the front leg which shall be 1". The 1-7/8" leg of the angle shall have a channel shaped rolled into it for added strength. Both legs shall be punched with 5/16" diameter holes on 1-1/2" centers for attaching shelves, backs, uprights and accessories. Rectangular slots 7/16" x 15/32" shall be punched in the 1-7/8" leg to accommodate shelf clips. Posts shall be longer by 1" than the designated length in feet. Available heights are 3'-1" through 16'-1". Angle posts are available in 1-1/2" height increments. Overall height of spliced posts will be 2" over the nominal full foot heights.

Beaded Post

Post material shall be 14 gauge, hot-rolled, pickled and oiled steel. Front face of beaded post 7/8". Overall side dimension of post 2-11/16". Post sides to be punched with 5/16" diameter holes on 1-1/2" centers for attaching shelves, side sheets and accessories. 7/16" x 15/32" rectangular slots shall be punched on 1-1/2" centers on both sides for attaching shelf clips. Posts shall be longer by 1" than the designated length in feet. Available heights are 3'-1" through 16'-1". Beaded posts are available in 1-1/2" height increments. Overall height of spliced posts will be 2" over the nominal full foot heights. Beaded posts are shipped bundled.

Heavy-Duty Post

Post material shall be 14 gauge, hot-rolled, pickled and oiled steel. Rectangular shape with the front width 2" and the side 29/32". Overall depth of post 2-11/16". Post sides punched with 11/32" diameter holes near front, 11/32" x 7/16" oval slots and 15/32" x 7/16" rectangular slots. Keystone slots in front of post 1-1/8" long. Posts are available without keystone slots if required. All holes and slots on 1-1/2" centers. Standard heights 7'-1", 8'-1", 9'-1", 10'-1", 11'-1" and 12'-1". Special heights on 1-1/2" increments. Heavy duty posts are shipped bundled.

Angle Post Splice

Post splice shall be made from 13 gauge, hot-rolled steel. Angle shaped 3/4" x 1-1/8". Length 5". Punched with four 5/16" diameter holes on each leg of angle for attaching to angle posts. Used to tie two angle posts together to obtain higher units. Post splices shipped in cartons.

Beaded Post Splice

Post splice shall be made from 1/4" x 1-1/4" bar stock. Length 5". Punched with four 5/16" diameter holes for attaching to beaded posts. Used to tie two beaded posts together to obtain higher units. Post splices are shipped in cartons.

Heavy-Duty Post Splice

Post splice shall be made from 14 gauge steel. Channel shaped and 10" long. Punched with 8 slots 11/32" x 1/2". Splice used to tie two heavy duty posts together to obtain heights greater than 12'-1". Post splices are shipped in cartons.

Angle/Beaded Post Foot Plate

Foot plate shall be made from 13 gauge, hot-rolled pickled steel. Used for anchoring angle or beaded posts to floor, also to spread post load over more floor area. Punched with one 5/16" diameter hole for attaching to post and two 7/16" diameter holes for inserting an anchor bolt. Floor must be drilled for anchoring. Size 2-1/8" x 2-7/8". Finish bright zinc plated. Foot plates are shipped in cartons. Anchor bolt not included.

Heavy-Duty Foot Plate

Foot plate shall be made from 10 gauge, hot-rolled steel. Punched with 11/32" diameter hole for attaching to post and two 7/16" diameter holes for inserting an anchor bolt. Size 2-7/16" x 3-1/2". Foot plates are shipped in cartons. Anchor bolt not included.

Series 2000 Clip Shelf

Series 2000 shelf shall be made from 18, 20 or 22 gauge, cold-rolled steel. Has 1-1/4" face on all four sides. Front and rear faces have a closed box formation nominal 1-1/4" x 3/4" bottom flange. The box formation is spot welded to the underside of the shelf on a maximum 8" centers. Sides have a 1/2" bottom return flange at 90 degrees. Shelf is interchangeable for top, bottom or





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intermediate positions. All four corners are reinforced by lapping and spot welding. Typical widths are 24", 30", 36", 42", 48", 54" and 60". Standard depths are 9", 12", 15", 18", 24", 30", 32" and 36". Overall depth dimension is 5/32" less than nominal size. Overall width dimension is 7/16" less than nominal size. Shelf punched for attaching shelf dividers on 1" centers. Both front and rear faces of shelf are punched for attaching label holder. All four sides of shelf punched at corner for bolting if bolted construction is desired. 18 gauge shelves are stamped on the front and rear flange with the letter "H"; 20 gauge shelves are stamped with the letter "M"; and 22 gauge shelves are stamped with the letter "L". Shelves are shipped in cartons or can be bulk palletized.

Shelf Reinforcing Hat Channel - Series 2000 Clip Shelf Only

Reinforcing hat channel shall be made of 16 gauge, cold-rolled steel. The reinforcing hat channel is used to reinforce Series 2000 shelves at the center. They are only used with 18 gauge shelves. When used with side shelf supports a class 3 shelf is created. Will be punched at ends for attaching to side shelf supports. The shape is that of a hat. The flanges are 3/4" long. The height of the hat is 1-9/64". The width of the hat is 1-1/4" at the top. This channel is field attached. Lengths are available for 30", 36", 42" & 48" shelves. Reinforcing hat channels are shipped in cartons.

Side Shelf Support

Side shelf support shall be made from 13 gauge, hot-rolled steel. Each end of side shelf support provided with two lugs for attaching to posts. Top edge offset at each end to hold shelf and flanged at the center to support the shelf reinforcing hat channel. Flange at center provided with hole for attaching shelf reinforcing hat channel. Standard sizes 18", 24", 30" and 36". To be used in pairs. Overall length dimension is 1-3/16" less than listed size. Side shelf supports are shipped in cartons.

Shelf Clip

Shelf clip shall be made from 13 gauge, hot-rolled, pickled and oiled steel. Width 29/32", overall length 3-17/64". Finish shall be bright zinc plated. "Republic" is stamped on the inside surface of shelf clip. Shelf clips are available in packages of 100 or can be bulk shipped in cartons. Four shelf clips per shelf are automatically furnished with Open Flange and Series 2000 Clip Shelves.

Half Shelf Clip

Half shelf clip shall be made from 13 gauge, hot-rolled, pickled and oiled steel. Width 29/32", overall length 2-11/32". Finish shall be bright zinc plated. When 1-1/2" bases are ordered, 4 half clips are automatically furnished.

Backs

Backs shall be made from 24 gauge, cold-rolled steel. Back shall have three rows of 3/8" diameter holes punched on 1-1/2" centers. The two outside rows punched to coincide with the holes in the 1" flange of the angle post. The middle row of holes shall be used to attach back to open flange shelves by use of back clips. Width of back is 13/16" less than nominal sizes. Standard widths 24", 30", 36", 42", 48", 54" and 60". Standard heights 3'1", 3'4", 5'1", 6'1", 7'1" and 8'1". 54" & 60" wide backs are limited to a maximum height of 5'-1". Backs are available in 1-1/2" increments. On shelving units above 8'-1" that do not use spliced posts, two shorter backs will be combined to achieve the necessary height (i.e. two 5'-1" backs would be used for a 10'-1" unit). A minimum of 1" overlap would result. On units where the posts are spliced, the height of the back will match the height of the post making the unit 2" taller than nominal. Back splices may be required where the backs are exposed. Backs are shipped bundled.

Back Splice

Back splice shall be made from 22 gauge, cold-rolled steel. Height 5", standard widths 24", 30", 36", 42", 48", 54" and 60". Punched with three rows of 5/16" diameter holes for attaching to backs and posts. Used to tie backs when posts are spliced and the backs are exposed. Overall width is 3/16" less than listed size. Back splices are shipped bundled.

Upright Side Sheet

Upright side sheet shall be made from 24 gauge, cold-rolled steel. Each side punched with 3/8" diameter holes on 1-1/2" centers. No center row of holes. Overall depth dimension is 2-9/16" less than listed depths. Standard available depths are 12", 15", 18", 24", 30", 32" and 36". Heights available 3'1" to 8'1" in height increments of 1-1/2". On shelving units above 8'-1" that do not use





spliced posts, two shorter upright sheets will be combined to get the necessary height (i.e. two 5'-1" would be used for a 10'-1" unit). A minimum of 1" overlap would result. On units where the posts are spliced, the height of the upright sheet will match the height of the post making the unit 2" taller than nominal. Side sheet splices may be required where the Upright Side Sheets are exposed. Upright side sheets are shipped bundled.

Side Sheet Splice

Side sheet splice shall be made from 22 gauge, cold-rolled steel. Height 5", standard depths 12", 15", 18", 24", 30", 32" and 36". Overall depth is 2-5/8" less than listed size. Offset at each end to fit around post. Each end punched with four 5/16" diameter holes for attaching to upright and posts. Used to tie Upright Sheets together when posts are spliced and the Upright Sheets are exposed. Side sheet splices are shipped bundled.

End Upright Assembly - Angle Post

End upright assembly consists of one plain upright sheet and two angle posts welded together to form one assembly. Maximum spacing of spot welds shall be 7-1/2" centers. Heights available 3'1" to 10'1" in height increments of 1-1/2". Heights greater than 10'1" may be obtained by splicing two standard size end upright assemblies together with angle post splices. Overall height of spliced upright will be 2" over nominal full foot height. End upright assemblies are shipped bundled.

Intermediate Upright Assemblies - Angle Post

Intermediate upright assembly consists of one plain upright sheet and four angle posts welded together to form one assembly. Maximum spacing of spot welds shall be 7-1/2" centers. Heights available 3'1" to 10'1" in height increments of 1-1/2". Heights greater than 10'1" may be obtained by splicing two standard size intermediate upright assemblies together with angle post splices. Overall height of spliced upright will be 2" over nominal full foot height. Intermediate upright assemblies are shipped bundled.

End Upright Assembly - Beaded & Angle Post

Beaded post end upright assembly consists of one plain upright sheet, one beaded post and one angle post welded together to form one assembly. Maximum spacing of spot welds shall be 7-1/2" centers. Heights available 3'1" to 10'1" in height increments of 1-1/2". Heights greater than 10'1" may be obtained by splicing two standard size end upright assemblies together with beaded and angle post splices. Overall height of spliced upright will be 2" over nominal full foot height. Beaded post end upright assemblies are shipped bundled.

Intermediate Upright Assembly - Beaded & Angle Post

Beaded post intermediate upright assembly consists of one plain upright sheet, one beaded post and two angle posts welded together to form one assembly. Maximum spacing of spot welds shall be 7-1/2" centers. Heights available 3'1" to 10'1" in height increments of 1-1/2". Heights greater than 10'1" may be obtained by splicing two standard size intermediate upright assemblies together with beaded and angle post splices. Overall height of spliced upright will be 2" over nominal full foot height. Beaded post intermediate upright assemblies are shipped bundled.

Sway Braces - Side or Back

Diagonal sway braces shall be made from 3/4" x 12 gauge steel and are punched at each end with 9/32" diameter hole for attaching to angle or beaded post. Standard sizes 20-7/8" long for units 9" and 15" deep; 34-11/16" long for units 12" and 24" deep, and units 24" wide; 40-29/32" long for units 18" and 24" deep, and for units 30" wide; 46-21/32" for units 32" deep; 50-7/16" long for units 30" and 36" deep, and units 36" wide; 62-9/32" long for units 42" and 48" wide; 64-9/32" long for units 54" wide and 69-5/16" for units 60" wide. Sway braces are shipped bundled.

Angle Sway Braces

Angle sway braces shall be made from 12-gauge, hot-rolled steel. Each leg of right angle is 25/32" wide by 4" long. Punched with holes for attaching to angle post and open flange shelf. Used when diagonal sway braces are not desired on back of units. Cannot be used with Series 2000 shelf. Angle sway braces are shipped in cartons.





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Heavy Duty Side Sway Braces

Sway brace shall be made from 1" x 11 gauge steel with two 11/32" diameter end holes. Formed with offset 4" from each end. Approximate lengths are 35-1/8", 44-5/8", 51-5/8" and 65". Sway braces are shipped bundled.

Heavy Duty Rear Sway Braces

Sway brace shall be made from 1" x 11 gauge steel with two 11/32" diameter end holes. Attachment clip material is 14 gauge, angle shaped with 7/8" leg and 1-5/8" leg, 2-5/8" long. Sway braces are shipped bundled.

Front Base - Angle and Beaded Post

Front base shall be made from 22 gauge, cold-rolled steel in widths up to 48" and 18 gauge for 54" and 60" wide. The top and bottom flanges are 1/2". The 1-1/2" and 3" high bases are punched with one hole at each end. The 4-1/2" base is punched at each end with two holes. The 1-1/2" high base positions the bottom shelf 2-1/2" off the floor. The 3" high base positions the bottom shelf 4" off the floor and the 4-1/2" base positions the bottom shelf 5-1/2" off the floor. Standard heights 1-1/2", 3" and 4-1/2". Standard widths 24", 30", 36", 42", 48", 54" and 60". Base fronts shipped in cartons. Overall height dimension is 1/8" less than listed size. Overall length dimension 5/8" less than listed size.

Front Base Attachment (Angle Post)

Front base for angle posts is attached to post by two Tinnerman nuts and two #10 x 1/2" sheet metal screws. On 4-1/2" high bases, use four attachments. Half shelf clips are automatically furnished with 1-1/2" bases.

Front Base Attachment (Beaded Post)

Front base for beaded posts is attached by using two base clips and attached to the post with bolts and nuts. The base clip is then attached to the base front by sheet metal screws. On 4-1/2" high bases, use four attachments. Half shelf clips are automatically furnished with 1-1/2" bases.

Base Clip

Base clip used to attach front bases to beaded post. Clip is made from 18 gauge steel. One side punched with 5/16" diameter hole for attaching to beaded post with bolt and nut. Other side punched with 5/32" diameter hole for attaching to front base with sheet metal screw. The base clip used with 1-1/2" high bases is 7/16" wide x 1" high x 1-5/16" deep. The base clip used with 3" and 4-1/2" high bases is 1-1/16" wide x 3/4" high x 1-1/16" deep. Different clips are used because on the 1-1/2" high base the base clip bolts to the half shelf clip. Finish bright zinc plated. Base clips are shipped in cartons.

End Base

End base shall be made of 22 gauge, cold-rolled steel. Base end is attached by two Tinnerman nuts, and two #10 x 3/4" sheet metal screws. End base may be used with angle, beaded or heavy duty posts. Standard heights 1-1/2" and 3". Standard depths 12", 15", 18", 24", 30" and 36". Overall length is 2-11/32" less than listed size. Overall height dimension is 1/8" less than listed size. End bases are shipped bundled.

Universal Bin Front - Angle and Beaded Post

Bin fronts are universal for angle and beaded posts. Bin front shall be made from 18 gauge, cold-rolled steel. Top and bottom have flanges so bin front may be used as a card holder. Overall width is 7/8" less than listed lengths. Standard heights 1-1/2", 3", 4-1/2" and 6". Standard widths 36", 42" and 48". Two end clips required for each bin front. Bin fronts are shipped in cartons.

Bin Front Clip

Bin front clip shall be made from 18 gauge, cold-rolled steel. Left hand and right hand clips provided with lugs to hold clips to posts. A locking tab is provided at bottom of clip so bin clip will not lift out of post slots when removing bin fronts. Clips formed to provide channel to hold bin front in place. Bright zinc plated finish. Two clips furnished with 1-1/2" and 3" high bin fronts. Four clips furnished with 4-1/2" and 6" high bin fronts. Bin front clips are shipped in cartons.



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Label Holder

Label holder shall be made from 28 gauge, cold-rolled steel. Face of label holder 7/8" and punched with three 5/16" diameter holes for attaching to front face of open flange shelf with Tinnerman clips or Series 2000 shelf with nylon panel clips. Top and bottom folded over provides a groove for inserting of 1" labels. Standard widths 36", 42" and 48". Overall width dimension is 2-1/4" less than listed size. Label holders are shipped in cartons.

Shelf Divider - Main

Shelf divider shall be made from 22 gauge, cold-rolled steel up to and including 18" high. 21" and 24" high dividers shall be made from 20 gauge, cold-rolled steel. Front and rear edges beaded. Top and bottom have 3/4" flange punched with two 5/16" x 1/2" slots for attaching to open flange shelf with Tinnerman clips or Series 2000 shelf with nylon panel clips. Overall is 13/16" less than listed depth. Standard depths 12", 15", 18" and 24". Standard heights 6", 7-1/2", 9", 10-1/2", 12", 13-1/2", 15" 16-1/2" and 18". If dividers are used with shelves having class 3 reinforcing hat channel, they must be specially notched. Main dividers are shipped in cartons.

Angle Divider

Angle divider shall be made from 22 gauge, cold-rolled steel. Angle dividers have 3/4" flange at bottom only. Bottom flange punched with two 5/16" x 1/2" slots for attaching to shelf at bottom only. Must be attached with bolts and nuts. Overall depth is 13/16" less than listed depth. Standard depths 12" and 18". Standard heights are 2", 3" and 4". Angle dividers are shipped in cartons.

Heavy Duty Sliding Divider

Sliding divider shall be made from 18 gauge, cold-rolled steel. Front face is 3" x 1-3/8". The sliding divider base which sets on top of the shelf is 3" wide by shelf depth with a 9/16" flange at rear. The heavy duty sliding divider has no tabbed label holder. Standard depths are 12", 15" and 18". Overall depth is 1/64" less than listed size. Standard height is 6". Heavy duty sliding dividers are shipped in cartons.

Shelf Box

Shelf boxes 4-1/8", 5-1/2" and 8-3/8" wide shall be made from 22 gauge, cold-rolled steel. 11-1/8" wide box shall be made from 20 gauge, cold-rolled steel. Shelf box made from three-piece welded construction. Rigid handle provided at front of box. Label holder on front and rear. Box slotted for dividers on 1" centers. All shelf boxes are 4-5/8" high and fit between shelves spaced on 6" centers. Standard widths 4-1/8", 5-1/2", 8-3/8" and 11-1/8". Standard depths 11-5/8", 17-5/8" and 23-5/8". Shelf boxes are shipped in cartons.

Box Divider

Box divider shall be made from 26 gauge, cold-rolled steel. Punched for card holder so that every compartment can be indexed. Standard width sizes 4-1/8", 5-1/2", 8-3/8" and 11-1/8". Standard height 4-5/8". Box dividers are shipped in cartons.

Box Guide

Box guide shall be made from 24 gauge, cold-rolled steel. Used as guide on side of shelf to prevent angle post from interfering with sliding boxes. Two box guides required per shelf. Attached to posts by bolt and nut. Overall height 1-3/8". Standard depths 12", 15", 18" and 24". Overall depth dimension is 1/2" less than listed size. Box guides are shipped in cartons.

Doors - Swinging

Doors shall be made from 20 gauge, cold-rolled steel, top and bottom frame 16 gauge, cold-rolled steel, side frame 14 gauge and reinforcing panel 24 gauge. Each door is reinforced on the inside to prevent warping and each pair has its own rigid frame to prevent sag. A three-point locking mechanism is controlled by an "L" shaped handle with a built-in lock. Standard widths are 36" and 48". Shelving unit must be plumb and square before installing swinging doors. Swinging doors are shipped in cartons.





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Counter Tops - Both Ends Finished

Counter top shall be made from 14 gauge, hot-rolled, pickled and oiled steel. Face of counter top is 1-1/8". The face of the top projects 1-3/16" beyond face of post. Two 1/2" x 7/8" 16 gauge angles welded to the underside of top for attaching to posts. Counter tops must be attached by bolting. Unable to attach with shelf clip. Overall depth of counter top 2-7/16" greater than listed size. Overall width of counter top is 2-7/16" greater than listed size. Standard width 36". Standard depth 24". Counter tops are shipped bundled with corrugated wrapper.

Counter Tops - One End Finished

Counter top shall be made from 14 gauge, hot-rolled, pickled and oiled steel. Face of counter top is 1-1/8". The face of the top projects 1-3/16" beyond face of post. Two 1/2" x 7/8" 16 gauge angles welded to the underside of top for attaching to posts. Counter tops must be attached by bolting. Unable to attach with shelf clip. Overall depth of counter top 2-7/16" greater than listed size. Overall width of counter top is 1-7/32" greater than listed size. Standard width 36". Standard depth 24". Counter tops are shipped bundled with corrugated wrapper.

Counter Tops - Available with Both Ends Finished, One End Finished or Intermediate

Counter top shall be made from 14 gauge, hot-rolled, pickled and oiled steel. Face of counter top is 1-1/8". The face of the top projects 1-3/16" beyond face of post. Two 1/2" x 7/8" 16 gauge angles welded to the underside of top for attaching to posts. Counter tops must be attached by bolting. Unable to attach with shelf clip. Overall depth of counter top is 2-7/16" greater than listed size. Overall width of counter top is the listed size. Standard width 36". Standard depth 24". Counter tops are shipped bundled with corrugated wrapper.

Counter Front

Counter front shall be made from 18 gauge, cold-rolled steel. Counter front to have 41/64" flange at bottom. Each side punched with 3/8" diameter holes on 1-1/2" centers. No center row of holes. Overall width is 3/4" less than listed size. Standard width 36". Standard height 40". Counter fronts are shipped in cartons.

Ledge Tops

Ledge top shall be made from 14 gauge, hot-rolled, pickled and oiled steel. Face of ledge top is 1-1/8". Ledge top to project 1-3/16" beyond the face of the post and has two 1/2" x 7/8" 16 gauge angles welded to the underside for attaching to post. Rear flange of ledge top to be punched for bolting to the shelf in the main unit. Same top used at end or intermediate position. Ledge top must be bolted and cannot be used with shelf clip. Overall depth 1-11/32" greater than listed size. Standard width 36". Standard depth 12". Ledge tops are shipped bundled with corrugated wrappers. Cannot be used with Series 2000 Shelves.

Ledge Top Ends

Ledge top end is 1/4" x 1-1/4" bar used to close ends of ledge tops. Reversible for use at either right or left hand end assembly. Attached by bolts and nuts. Standard size 36" wide x 12" deep. Ledge top ends are shipped in cartons.

Post Corner Cover Plate

Corner cover plate shall be made from 22 gauge, cold-rolled steel. Used to cover corner angle posts to give finished appearance. Formed in shape of angle, front leg 1-9/16", side leg 2-1/2". Attached to post by means of #12 x 1/2" sheet metal screw. No holes on outside corner cover plate. Standard lengths are 3'4", 6'-1" and 7'1". Corner cover plates are shipped in cartons.

Post Intermediate Cover Plate

Intermediate cover plate shall be made from 22 gauge, cold-rolled steel. Used to cover angle posts at intermediate position to give finished appearance. Attach by placing leg of clip angles, which are spot welded to cover, between legs of angle posts. No holes on outside of intermediate cover plate. Overall width 2-1/4". Standard lengths are 3'4", 6'-1" and 7'1". Intermediate cover plates are packed in a carton.



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Post Side Cover Plate

Cover plate shall be made from 22 gauge, cold-rolled steel. Used to cover side of angle post when door is used to give finished appearance. Overall width 2", attached by means of #12 x 1/2" sheet metal screw. No holes on outside face of cover plate. Standard sizes 3'4", 6'1", and 7'1". Cover plates are packed in a carton.

