

# Box Edge Plus® Shelving

## Borroughs Shelving - Value you can actually see!

Borroughs Box Edge Plus® Shelving is engineered and manufactured for value and quality. During our fifty plus years in the storage business, we have earned a reputation for strong, durable products that we work hard to maintain. We manufacture shelving systems that provide performance and satisfaction today and tomorrow.

### Beaded Post

Our beaded post reduces the front flange providing additional clear shelf space. Its wider shelf opening and more aesthetic appearance helps improve productivity. Plus, the design and construction of the Borroughs' beaded post makes it strong enough for use in multi-tier and high-rise systems.

### Angle Post

Borroughs angle post, long an industry standard, is designed for maximum strength and rigidity, while providing flexibility for changing requirements. Also, it is ideally suited for free-standing shelving units.

### BOX EDGE PLUS® Shelf

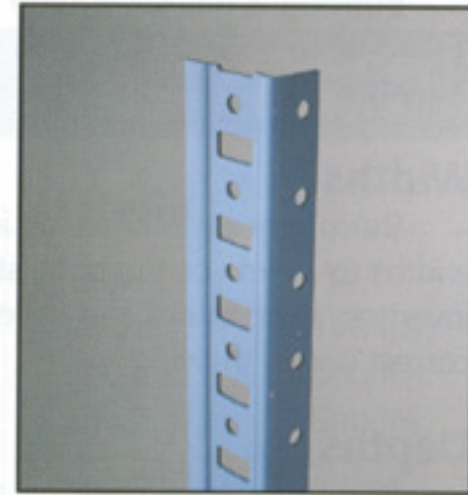
The Borroughs Box Edge Plus shelf is designed for additional value and aesthetics without additional investment. The front and rear edges of the shelf are formed into a closed, welded box shape and the corners are lapped and welded to give the shelf maximum strength and rigidity. Plus, the box edge provides additional strength to handle impact or point loads. The Box Edge Plus shelf also has a cleaner, more attractive, front edge and is fully compatible with all existing Borroughs shelf brackets and posts.

### Shelf Bracket

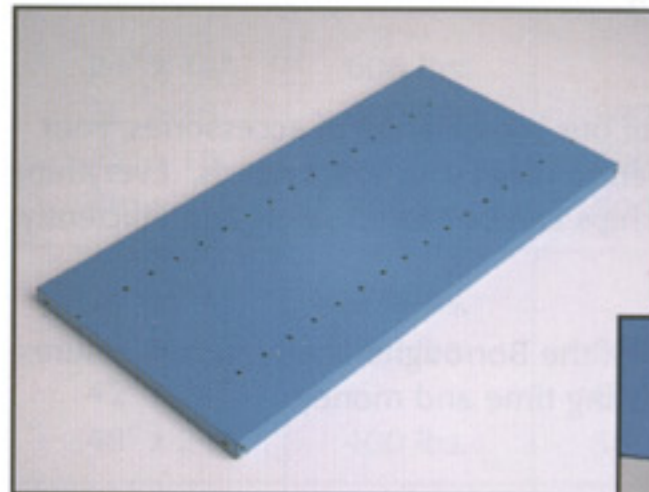
Borroughs shelf brackets provide wide load-bearing surfaces which let you install shelves quickly and easily...without the use of tools, nuts or bolts. Shelves can even be rearranged without disturbing adjoining units.



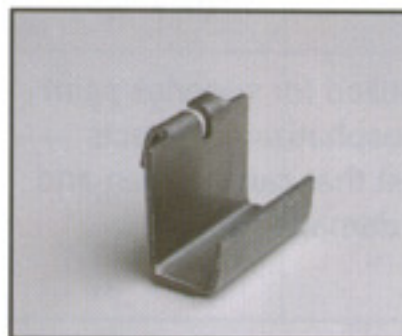
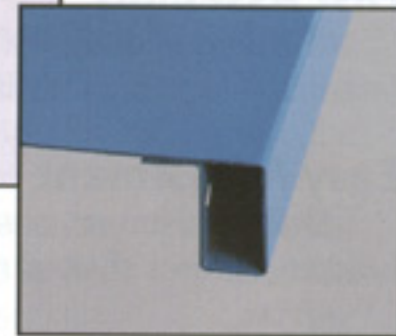
Beaded Post



Angle Post

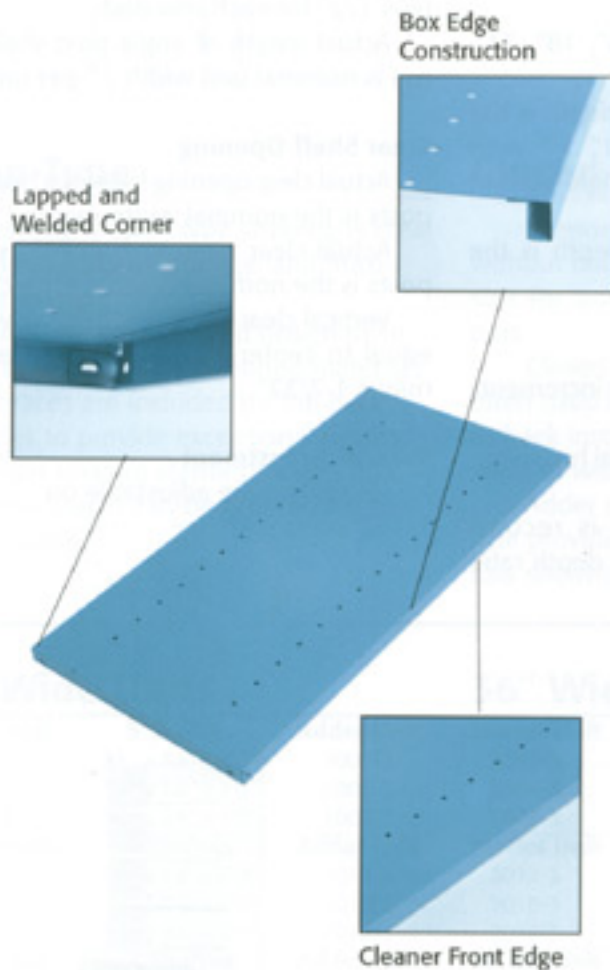


Box Edge Plus® Shelf



Shelf Bracket

Put the Box Edge Plus® to work for you



	Box Edge Plus 1	Box Edge Plus 2	Box Edge Plus 3
Size	Capacity		
24" x 12"	600 lbs.		
36" x 12"	600 lbs.	800 lbs.	1100 lbs.
42" x 12"		600 lbs.	1000 lbs.
48" x 12"	400 lbs.	500 lbs.	800 lbs.
36" x 15"	600 lbs.	800 lbs.	1100 lbs.
42" x 15"		600 lbs.	1000 lbs.
48" x 15"		500 lbs.	800 lbs.
24" x 18"	600 lbs.		
36" x 18"	600 lbs.	800 lbs.	1200 lbs.
42" x 18"		600 lbs.	1000 lbs.
48" x 18"	400 lbs.	500 lbs.	800 lbs.
24" x 24"	600 lbs.		
36" x 24"	600 lbs.	800 lbs.	1200 lbs.
42" x 24"		600 lbs.	1000 lbs.
48" x 24"	400 lbs.	500 lbs.	800 lbs.
36" x 30"		600 lbs.	900 lbs.
42" x 30"		600 lbs.	1000 lbs.
48" x 30"		500 lbs.	750 lbs.
42" x 32"		650 lbs.	1000 lbs.
36" x 36"		400 lbs.	600 lbs.
42" x 36"		450 lbs.	600 lbs.
48" x 36"		450 lbs.	700 lbs.

## Capacity Testing Procedures

The capacities listed above are for uniformly loaded shelves. They were determined using testing procedures that conform to the standards of the Shelving Manufacturers Association. Shelves were tested for both capacity and acceptable deflection.

To simulate an evenly distributed load, hydraulic pressure was applied through a load cell onto eight shelves of each size and gauge we offer. The shelves were supported by our standard shelf brackets from our standard posts.

The pressure was applied to each shelf to the point of failure. The highest and the lowest failure load in each group of eight shelves was eliminated and a statistical analysis was done on the remaining size failure loads to determine an average.

This average was then divided by 1.65 to arrive at a capacity rating with a 1.65 safety factor. This number is then compared to the load at which the deflection of the shelf is equal to the span divided by 140. The lesser of these two numbers is used as the Borroughs' capacity.