

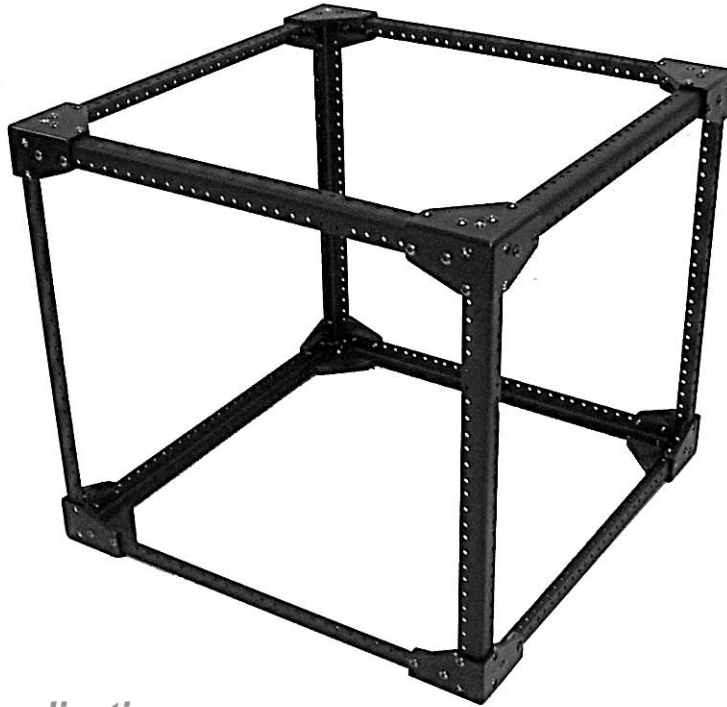
# Aluminum Racks

**ULTRA Lightweight - High Grade Aluminum Alloy**

## Aluminum Cast Corners

### Chemistry Data

Si: <12%  
Cu: <3.5%  
Mg: <0.3%  
Zn: <1.3%  
Fe: <1.3%  
Mn: <0.5%  
Ni: <0.5%  
Sn: <0.3%  
Balance is black  
powder coated



## Aluminum Rack Rails

3.7 mm (0.1457")  
10-32 Tapped

### Chemistry Data

Si: <0.35%  
Cu: <0.1%  
Mg: <1.8%  
Zn: <5.0%  
Fe: <0.4%  
Mn: <0.7%  
Cr: <0.2%  
Ti: <0.06%  
Zr: <0.2%  
Balance is  
Aluminum (black  
powder coated)

- **Aerospace Applications**
- **Meteorological Applications**
- **Broadcast Vehicle Applications**
- **Naval/Military Applications**
- **Any Application Calling for  
High Strength, Light Weight,  
Premium Grade Aluminum Alloy**

## Dog Point Screws

Grade 8, High Strength Steel  
10-32x5/8" (120,000-150,000) psi  
C33-C39 Rockwell Hardness  
Corrosion Resistant Finish

Machine tool makers insists on countersinking -- using screws with cone-shaped heads -- tightened into mated cone-shaped holes -- for an extremely rigid assembly that will not move.

We designed these Racks around this concept -- 12 High-Strength Dog Point Screws, countersunk into a specially engineered, High-Strength Aluminum Alloy Metal "Corners".

## ***Inexpensive to Ship!***

Every Rack assembly ships knocked-down in only 3 small cartons.  
3 precisely engineered parts when connected together form Wiggle-Free equivalent strength and integrity of fully assembled welded rack enclosures.  
The Patented Connecting Corner accepts 3 sets of specially designed rails. Each set consists of four rails. All four rails are equal in length. By inserting various sized combinations of these rail sets into the eight Connecting Corners it is possible to create any size frame from 6" and up to 7 feet in any direction. Choose any width, depth, & height of rack rail in any of (46) 1-3/4" increments. (97,336 possible combinations) Inscribed every 1-3/4" are etched marks, separating industry standard hole spacing, to help facilitate accurate alignment of components. If you need a larger or smaller size later, it's simple and inexpensive to expand or reduce the size of your existing Rack. Easy to assemble in minutes with a Phillips head screwdriver.

Shop Online  
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