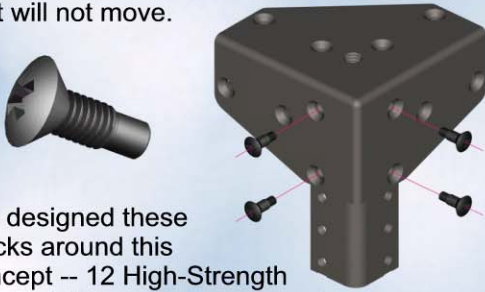


# Professional Series Racks & Frames

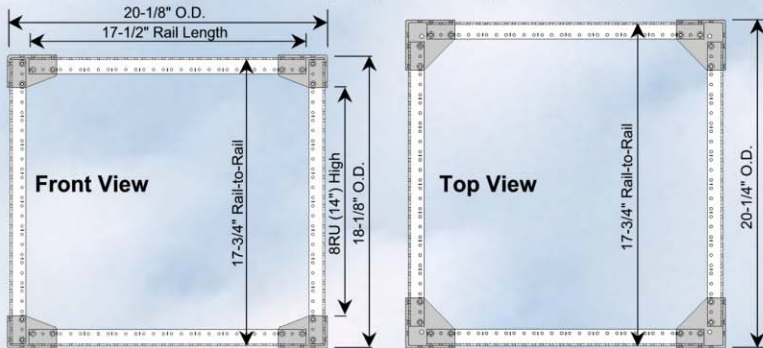


Machine tool makers rely on countersinking -- using screws with cone-shaped heads -- tightened into mated cone-shaped holes -- for an extremely rigid assembly that will not move.



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

Front & Top View of Popular Professional Series Rack (RF0820) showing how cast connecting corners affect actual width, depth & height rail lengths



## Material Details

### 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 (clear anodized)

### 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 Aluminum (polished)

### Dog Point Screws

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

A 3-dimensional rack has WIDTH, DEPTH & HEIGHT. Each dimension in our rack is made up of 4 legs (rack rails). We stock 43 rail lengths in 1RU (1-3/4") increments. Depending on how you arrange the width, depth and height that's 79,507 sizes!

Now, Let's Do The Math:

	43 rack rail width sizes
X	43 rack rail depth sizes
X	43 rack rail height sizes
=	<b>79,507 SIZES! IN STOCK &amp; READY TO SHIP!</b>

**PATENTED**



## Rack Kit Contents (shown-RF2420)

