[449.33]
17.690
Mac Pro with Delrin guides

[433.32]
17.060
Mac Pro Housing

[444.50]
17.500
Showing Rack Rail depth at 17.5

Mac pro Rack Rail Upgrade mounts to 16-24" deep Racks.

[493.40]
19.425
Mac Pro Housing

[453.39]
17.850
Mac Pro with
Mac Pro Rail Upgrade

Illustration of common side wall intrusion on flight cases, ie for handles.

Illustration of return flange

[44.31]
1.74

[450.85]
17.75
Nominal rack opening

Important - Rack Opening and Horizontal Spacing

The nominal Rack Opening must be measured and checked to ensure the Mac Pro with Delrin guides are able to fit through the rack opening. The rack opening may have variations in dimensions that exceed the allowable tolerance to fit the Mac Pro with Delrin guides.

The horizontal hole spacing must be measured and checked due to the Mac Pros design requiring custom flat head mounting screws to the front mounting flange. This design is crucial to ensure the Mac Pro front locking latches are fully engaged when installed into the rack. The Mac Pro design **dictates** custom countersunk holes on the front mounting ear of our Rack Rail, which may cause installation issues. Standard rack equipment is slotted to accomodate these variations in dimensions, the Mac Pro's design does not allow for this.

How to measure:
Most rack openings and horizontal spacings are accessible enough to measure with a tape measure or ruler.

Nominal Rack Opening - 17.75" / 450mm
Mac Pro with Delrin guides - 17.70" / 449.58mm

Nomimal Center to Center Hole Dimension - 18.312" / 465mm

Important - Inner Dimensions

The inner dimensions of the rack case must be measured and checked along the rail to rail depth of the vertical rack unit space intended for the Mac Pro. The intruding wall sections for handles and return flanges in rotation molded flight cases, due to the manufacturing process, may have variations in dimensions that exceed the allowable tolerance to fit the Mac Pro Rack Rail Upgrade.

An extra clearance of 1/16" [1.5mm] per side is required on top of the standard rack rail opening to fit the Mac Pro Rack Rail Upgrade.

How to measure:
Measuring the inner dimensions with a tape measure is **NOT** ideal.

For proper measurement, make a physical template out of craft paper or cardboard and check along the rack case depth for interferences.

Mac Pro with Mac Pro Rack Rail Upgrade - 17.85"/453.39mm

If interferences are found, evaluate the possibility of modifying the rack case to increase clearance, without jeopardizing the case structure, or adjusting vertical rack position of the Mac Pro.
Example: Shaving a bit of the return flanges with a serrated knife to remove the interferences for proper installation.

Example: Adjusting vertical rack position down two rack units to avoid side wall intrusions for handle.