19-INCH RACK ANGLES

APPLICATION

The PROLINE G2 Rack Angles mount using BV-M6 fasteners instead of the traditional cage nut and screw combination. The Rack Angle height and rack unit count are optimized for the PROLINE G2 frame heights. Rack Angles have two mounting surfaces that function in the attachment of rack-mount equipment and accessories. Rack Angles comply with ANSI/EIA RS-310-D rack mounting standards.

SPECIFICATIONS

- Plated and furnished in pairs
- Can be mounted directly to the frame, or at variable depths using Adjustable Rack-Mounting Rails or Grid Straps; when mounted to the frame there is 44mm between the door opening and the Rack Angle mounting surface
- Single-bay Frames: in a 600-mm wide frame, Rack Angles can be mounted in-line with the frame; in an 800-mm wide frame, Adjustable Rack-Mounting Rails or Frame Reducing Brackets are required (sold separately) to achieve the 19-inch rack spacing
- Double-Bay Frames: in a 1200-mm wide frame, Center Uprights must be used to create a mounting surface in the center of the enclosure for either bay; in a 1600-mm frame, Center Uprights are again required in addition to Frame Reducing Brackets or Adjustable Rack-Mounting Rails to achieve the 19-inch rack spacing
- Tapped-Hole Rack Angles are 12 gauge (2.5mm) steel and accommodate 10-32 screws for equipment mounting
- Square-Hole Rack Angles are 14 gauge (1.75mm) steel and accept both metric and English cage nuts and screws: most commonly M5, M6, and 10-32 screws
- Optional Shelves, Drawers, and Guides require two sets of Rack Angles to secure within the frame
- All mounting hardware for Rack Angle installation into the frame is included; mounting hardware for securing rack-mount equipment/accessories to the Rack Angles is either supplied with the item or purchased separately

LOAD RATING

- Note: it is important to comply with manufacturer's recommendations for rack mounting support; follow mounting instructions for individual equipment
- 20 lbs. (9.1 kg) per rack unit for equipment under 20 in. (508 mm) deep
- Equipment over 20 in. (508 mm) deep or over 20 lbs. (9.1 kg) per rack unit requires rear support

ACCESSORIES

- Frame Reducing Brackets
- Adjustable Rack-Mounting Rails
- Frame Accessory Brackets
- Rack Angle Adapter Bracket
- Center Upright
- Filler Panel Kit
- Screw Package
- Cage Nut Package

BULLETIN: P40

Standard Product â

Catalog Number	Hole Type	H (mm)	H (in.)	Fits Frame Height (mm)	Rack Units
P2RA19S6	Square	509	20.0	600	11
P2RA19T6	Tapped	509	20.0	600	11
P2RA19S8	Square	713	28.1	800	16
P2RA19T8	Tapped	713	28.1	800	16
P2RA19S10	Square	909	35.8	1000	20
P2RA19T10	Tapped	909	35.8	1000	20
P2RA19S12	Square	1113	43.8	1200	25
P2RA19T12	Tapped	1113	43.8	1200	25
P2RA19S14	Square	1309	51.5	1400	29
P2RA19T14	Tapped	1309	51.5	1400	29
P2RA19S16	Square	1513	59.6	1600	33
P2RA19T16	Tapped	1513	59.6	1600	33
P2RA19S18	Square	1709	67.3	1800	38
P2RA19T18	Tapped	1709	67.3	1800	38
P2RA19S20	Square	1913	75.3	2000	43
P2RA19T20	Tapped	1913	75.3	2000	43
P2RA19S22	Square	2109	83.0	2200	47
P2RA19T22	Tapped	2109	83.0	2200	47

Frame height dimensions are nominal mm.

