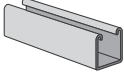
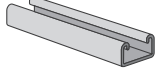


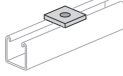
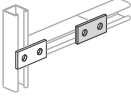
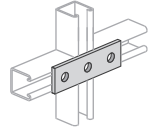
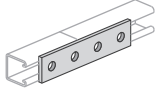
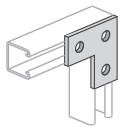
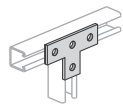
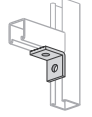
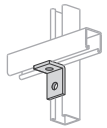
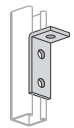
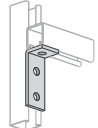
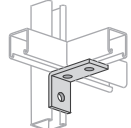
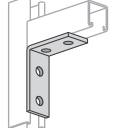
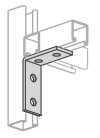
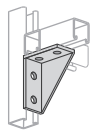
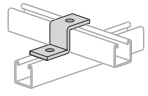
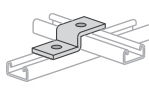
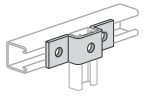

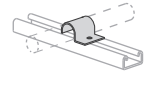
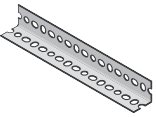
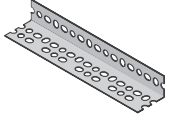

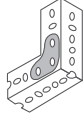
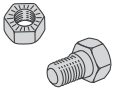
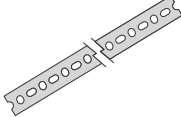
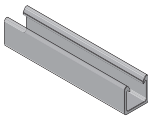
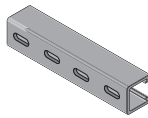
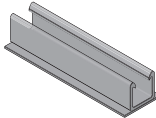
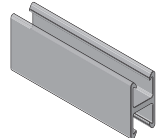
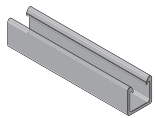
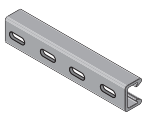
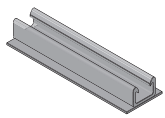
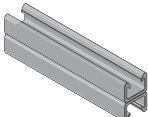
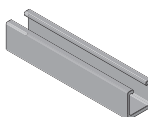
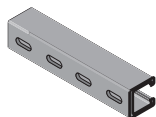
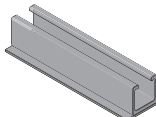
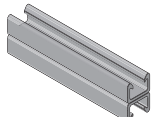
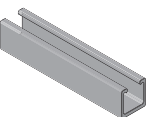
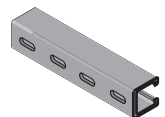
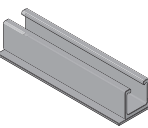
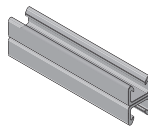
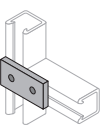
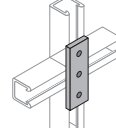
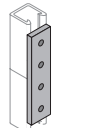
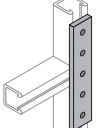
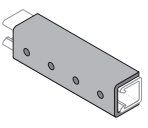
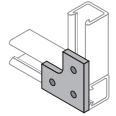
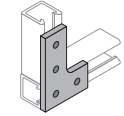
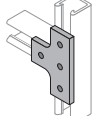
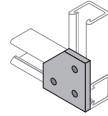
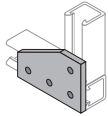
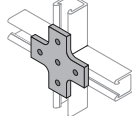
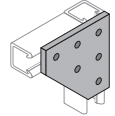


| Junior Channel | | | | | | | |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |
| PS 600J..... 124 | PS 700J..... 125 | PS 3017..... 124 | PS 4017..... 124 | PS 2013..... 125 | PS 2014..... 125 | PS 2015..... 125 | PS 2016..... 125 |
|  |  |  |  |  |  |  |  |
| PS 2033..... 125 | PS 2034..... 125 | PS 2008..... 126 | PS 2017..... 126 | PS 2018..... 126 | PS 2025..... 126 | PS 2037..... 126 | PS 2019..... 126 |
|  |  |  |  |  |  |  | |
| PS 2024..... 126 | PS 2023 R/L 126 | PS 2010..... 126 | PS 2026..... 126 | PS 2011..... 126 | PS 2029..... 124 | PS 2041..... 126 | |

| Power-Angle® | | | | | | |
|--|--|--|--|---|--|--|
|  |  |  |  |  |  |  |
| PA 158..... 128-132 | PA 238..... 128-132 | PA 318..... 128-132 | PA 1SC, PA 1RC.. 128 | PA 1GP..... 128 | PA 1SNB..... 128 | PA 1RP..... 128 |

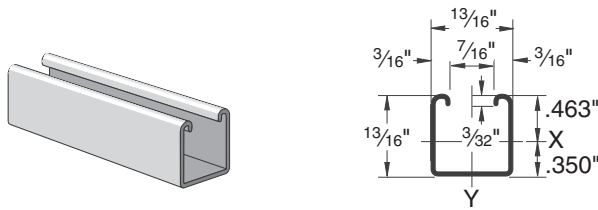
| Fiberglass Aickinstrut® | | | | | | |
|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
| 20P-2000, 20V-2000 & 20E-2000..... 139 | 20P-2200, 20V-2200 & 20E-2200..... 139 | 20P-2300, 20V-2300 & 20E-2300..... 139 | 20P-2100, 20V-2100..... 139 | 20P-1500, 20V-1500..... 139 | 20P-1700, 20V-1700..... 139 | 20P-1800, 20V-1800..... 139 |
|  |  |  |  |  |  |  |
| 20P-1600, 20V-1600..... 139 | 20P-1000, 20V-1000, 20E-1000..... 139 | 20P-1200, 20V-1200, 20E-1200..... 139 | 20P-1300, 20V-1300, 20E-1300..... 139 | 20P-1100, 20V-1100..... 139 | 20P-2000-SST, 20V-2000-SST..... 139 | 20P-2200-SST, 20V-2200-SST..... 139 |
|  |  |  |  |  |  |  |
| 20P-2300-SST, 20V-2300-SST..... 139 | 20P-2100-SST, 20V-2100-SST..... 139 | 20P/V-2500, 20P/V-2800..... 142 | 20P/V-2502, 20P/V-2802..... 142 | 20P/V-2504, 20P/V-2804..... 142 | 20P/V-2506, 20P/V-2806..... 142 | 50PU-2616..... 142 |
|  |  |  |  |  |  |  |
| 20P/V-2508, 20P/V-2808..... 142 | 20P/V-2510, 20P/V-2810R, 20P/V-2810L..... 142 | 20P/V-2512, 20P/V-2812..... 142 | 20P/V-2514, 20P/V-2814..... 142 | 20P/V-2516, 20P/V-2816R, 20P/V-2816L..... 143 | 20P/V-2518, 20P/V-2818..... 143 | 20P/V-2520, 20P/V-2820..... 143 |

JUNIOR CHANNEL



Finish: Electro-galvanized Stock Width: $1\frac{3}{16}$ " Stock Thickness: $\frac{1}{8}$ " Stock Length: 10'
 Order By: No., Size, and Finish Hole Spacing: $\frac{13}{32}$ " from end, $\frac{11}{16}$ " on center Hole Diameter: $\frac{9}{32}$ "

PS 600J – Channel ($1\frac{3}{16}$ " x $1\frac{3}{16}$ " x 19 ga.)



BEAM LOADING – PS 600J

| Span (in) | Max Allowable Uniform Load (lbs) | Defl. at Uniform Load (in) | Uniform Loading at Deflection | | |
|-----------|----------------------------------|----------------------------|-------------------------------|----------------|----------------|
| | | | Span/180 (lbs) | Span/240 (lbs) | Span/360 (lbs) |
| 18 | 230 | 0.06 | 230 | 230 | 180 |
| 24 | 170 | 0.11 | 170 | 150 | 100 |
| 30 | 140 | 0.18 | 130 | 100 | 70 |
| 36 | 110 | 0.24 | 90 | 70 | 50 |
| 42 | 100 | 0.35 | 70 | 50 | 30 |
| 48 | 80 | 0.42 | 50 | 40 | 30 |
| 54 | 80 | 0.60 | 40 | 30 | 20 |
| 60 | 70 | 0.72 | 30 | 20 | 20 |

* Bearing load may govern capacity.

For concentrated load at center of span, divide uniform load by 2 and multiply corresponding deflection by 0.8. This load table is based on a solid channel section.

COLUMN LOADING – PS 600J

| Unbraced Height (in) | Max. Allowable Load at Slot Face (lbs) | Maximum Column Load Applied at C.G. | | | |
|----------------------|--|-------------------------------------|----------------|---------------|---------------|
| | | K = 0.65 (lbs) | K = 0.80 (lbs) | K = 1.0 (lbs) | K = 1.2 (lbs) |
| 18 | 600 | 1,660 | 1,400 | 1,100 | 860 |
| 24 | 490 | 1,300 | 1,010 | 740 | 590 |
| 30 | 420 | 990 | 740 | 560 | 450 |
| 36 | 340 | 770 | 590 | 450 | 370 |
| 42 | 300 | 630 | 490 | 380 | 310 |
| 48 | 260 | 540 | 420 | 330 | 270 |
| 54 | 240 | 470 | 370 | 290 | ** |
| 60 | 210 | 410 | 330 | ** | ** |

** $K_L > 200$

Column loads are for allowable axial loads and must be reduced for eccentric loading.

ELEMENTS OF SECTION

| Weight (lbs./100 ft.) | Area of Section (Inch ²) | X-X Axis | | | Y-Y Axis | | |
|-----------------------|--------------------------------------|--|--------------------------------------|---------------------------|--|--------------------------------------|---------------------------|
| | | Moment of Inertia (Inch ⁴) | Section Modulus (Inch ³) | Radius of Gyration (Inch) | Moment of Inertia (Inch ⁴) | Section Modulus (Inch ³) | Radius of Gyration (Inch) |
| 36 | 0.107 | 0.009 | 0.020 | 0.295 | 0.012 | 0.029 | 0.333 |

PS 3017 – Junior Channel Nuts



| Size | Wt./100 pcs |
|-------|-------------|
| 8-32 | 1 |
| 10-32 | 1 |
| 10-24 | 1 |
| 1/4" | 1 |

Use With: PS 600J channel

PS 4017 – Junior Channel Nuts



| Size | Wt./100 pcs |
|-------|-------------|
| 8-32 | 1 |
| 10-32 | 1 |
| 10-24 | 1 |
| 1/4" | 1 |

Use With: PS 700J channel

PS 2029 – End Cap



Use With: PS 600J

Weight/100 pcs: 2 lbs.