

ASAP FASTENING SYSTEMS, INC.

SUPPLIES FOR INDUSTRY AND CONSTRUCTION

2013 SOUTH 37TH STREET • MILWAUKEE, WISCONSIN 53215

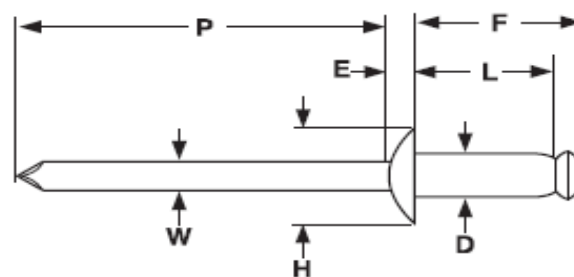
(414) 344-4500 • FAX (414) 344-4504

WWW.ASAPFASTENING.COM • EMAIL: SALES@ASAPFASTENING.COM

Rivets

Stainless Rivet/Steel Mandrel

Large Flange
Blind Rivet



LARGE FLANGE BREAK-STEM BLIND RIVETS

SAE J-1200

| Nominal Rivet Diameter | D | | H | | E | W | P | F |
|------------------------|----------------------|------|---------------|------|-------------|------------------|--------------------|-----------------------|
| | Rivet Shank Diameter | | Head Diameter | | Head Height | Mandrel Diameter | Mandrel Protrusion | Blind Side Protrusion |
| | Max | Min | Max | Min | Max | Nom | Min | Max |
| 1/8 | .128 | .122 | .390 | .360 | .065 | .076 | 1.00 | L + 0.120 |
| 5/32 | .159 | .153 | .488 | .448 | .075 | .095 | 1.06 | L + 0.140 |
| 3/16 | .191 | .183 | .650 | .600 | .092 | .114 | 1.06 | L + 0.160 |
| 1/4 | .255 | .246 | .780 | .720 | .107 | .151 | 1.25 | L + 0.180 |

| | |
|--------------------------------|--|
| Description | A blind fastener with a self-contained carbon steel mandrel which permits the formation of an upset on the blind end of the rivet and expansion of the rivet shank during rivet setting. The steel mandrel is pulled into or against the rivet body, breaking at or near the junction of the mandrel shank and its upset end. The large flange head has twice the under-head bearing surface of comparably sized dome head rivets. |
| Applications/Advantages | Large flange rivets are preferred where extra brittle or soft materials are being assembled to a rigid surface. Stainless rivets offer both corrosion resistance as well as high shear and tensile values. The stainless rivet body/steel mandrel combination is usually less expensive than the all stainless rivet. |
| Material | Rivet Body: 300-series stainless Mandrel: Carbon steel |
| Shear Strength (Min.) | 1/8: 420 lbs.; 5/32: 650 lbs.; 3/16: 950 lbs.; 1/4: 1700 lbs |
| Tensile Strength (Min.) | 1/8: 530 lbs.; 5/32: 820 lbs.; 3/16: 1200 lbs.; 1/4: 2100 lbs |
| Mandrel Break Load | 1/8: 650 - 950 lbs.; 5/32: 1150 - 1450 lbs.; 3/16: 1400 - 1900 lbs.; 1/4: 3000 - 3600 lbs |