



| 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 stainless 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 stainless 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/stainless mandrel combination offers corrosion resistance superior to a stainless rivet with a steel mandrel. |
| Material | Rivet Body: 300 series stainless Mandrel: 300 series stainless |
| Shear Strength (Min.) | 5/32: 370 lbs.; 3/16: 540 lbs. |
| Tensile Strength (Min.) | 5/32: 470 lbs.; 3/16: 680 lbs. |
| Mandrel Break Load | 5/32: 1000 lbs max, 750 lbs. min; 3/16: 1450 lbs. max, 1150 lbs. min. |



| PART NUMBER COMPARISON - LARGE FLANGE ALL STAINLESS STEEL BLIND RIVETS | | | | | | | |
|---|----------------------------|-------------|-----------------------------|-------------|---------------|---------------|----------------|
| Catalog Part Number | Huck/ Automatic | Pop® | Marson/ Creative | Star | Celus® | Cherry | Gesipa® |
| SSDSS42L | - | SSD42SSBSLF | SSBL4-2S | - | SS/SS42LF | CCL-42 | - |
| SSDSS43L | - | SSD43SSBSLF | SSBL4-3S | - | - | - | - |
| SSDSS44L | - | SSD44SSBSLF | SSBL4-4S | - | - | CCL-44 | - |
| SSDSS45L | - | - | - | - | - | - | - |
| SSDSS46L | - | - | - | - | - | CCL-46 | - |
| SSDSS48L | - | - | - | - | - | - | - |
| SSDSS52L | - | - | - | - | - | - | - |
| SSDSS53L | - | - | - | - | - | - | - |
| SSDSS54L | - | - | - | - | - | CCL-54 | - |
| SSDSS56L | - | - | - | - | - | CCL-56 | - |
| SSDSS58L | - | - | - | - | - | - | - |
| SSDSS510L | - | - | - | - | - | - | - |
| SSDSS62L | - | - | - | - | - | - | - |
| SSDSS63L | - | - | - | - | - | - | - |
| SSDSS64L | - | - | SSBL6-4S | - | - | CCL-64 | - |
| SSDSS66L | - | - | SSBL6-6S | - | SS/SS66LF | CCL-66 | - |
| SSDSS68L | - | - | SSBL6-8S | - | - | CCL-68 | - |
| SSDSS610L | - | - | SSBL6-10S | - | SS/SS610LF | - | - |
| SSDSS612L | - | - | SSBL6-12S | - | SS/SS612LF | - | - |

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