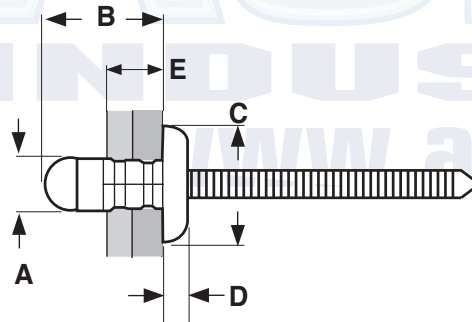


RIVETS

TYPE "US" MULTI-GRIP, LOW PROFILE

Steel Rivet
Steel Mandrel



| LOW-PROFILE ALL-STEEL TYPE-US MULT-GRIP RIVETS | | | | | | | | | | Ornit | |
|--|-------------------|-------------------------------|----------------|--------|---------------|-------------|------------|------------------------|----------------|------------------|--|
| Part Number | Ornit Part Number | Avdel Steel Avex® Part Number | A | B | C | D | E | Recommended Drill Size | Shear Strength | Tensile Strength | |
| | | | Rivet Diameter | Length | Head Diameter | Head Height | Grip Range | | Pounds | Pounds | |
| | | | Ref | Ref | Ref | Ref | | | | | |
| LS-0411 | US32090LM | 1624-0411 | 1/8 | .354 | .283 | .034 | .044-.156 | #30 | 340 | 385 | |
| LS-0514 | US40110LM | 1624-0514 | 5/32 | .432 | .319 | .046 | .056-.196 | #20 | 440 | 530 | |
| LS-0612 | US48103LM | 1624-0612 | 3/16 | .405 | .386 | .069 | .047-.187 | #11 | 810 | 750 | |
| LS-0616 | US48127LM | 1624-0616 | 3/16 | .499 | .386 | .069 | .156-.250 | #11 | 1025 | 780 | |

| | |
|----------------------------------|--|
| Description | An all steel blind fastener with a self-contained mandrel. The multi-grip rivet designed differs from a standard blind rivet two ways: (1) the body has a somewhat reduced diameter from the area under the head, extending about halfway down the shank, and (2) the stem of the mandrel is pinched at a point above the mandrel head. The head has a dome shape. |
| Applications / Advantages | Multi-grip rivets provide maximum clamping action over a full range of material thicknesses while using the same rivet length. This allows flexibility in design, cuts production costs and reduces inventories. Steel multi-grip rivets offer superior shear and tensile strength than like-sized aluminum/steel multi-grips and should be used when fastening materials with mechanical and physical properties similar to carbon steel. Dome heads are used in standard applications which call for maximum clamp-up and hole fill. |
| Material | <i>Rivet Body:</i> carbon steel <i>Mandrel:</i> carbon steel |
| Shear Strength | See above table for typical shear strength (assumes stem is in shear plane). |
| Tensile Strength | See above table for typical tensile strength |
| Plating | Both the rivet body and the mandrel are zinc coated. |