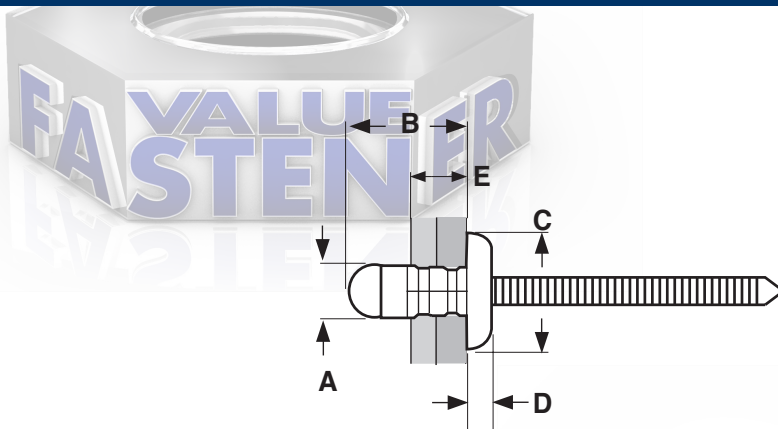


RIVETS

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 Ref	Head Diameter Ref	Head Height Ref	Grip Range		Pounds	Pounds
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.