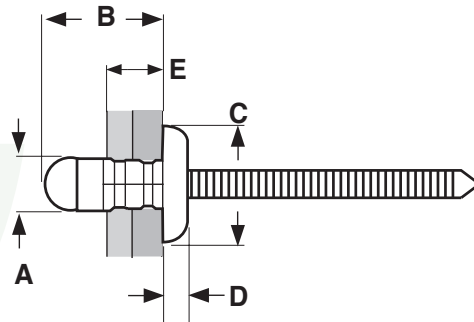


## RIVETS

## 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	

<b>Description</b>	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.
<b>Applications / Advantages</b>	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.
<b>Material</b>	<i>Rivet Body:</i> carbon steel <i>Mandrel:</i> carbon steel
<b>Shear Strength</b>	See above table for typical shear strength (assumes stem is in shear plane).
<b>Tensile Strength</b>	See above table for typical tensile strength
<b>Plating</b>	Both the rivet body and the mandrel are zinc coated.