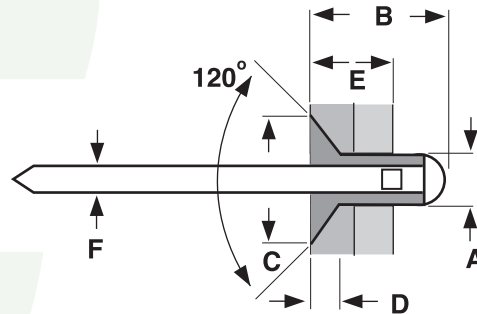


RIVETS

MULTI-GRIP, COUNTERSUNK HEAD

Aluminum Body
Steel Mandrel

COUNTERSUNK MULTI-GRIP ALUMINUM BODY / STEEL MANDREL BLIND RIVETS										Avdel	
Part Number	Rivet Diameter	Length	Head Diameter	Head Height	Grip Range		Mandrel Diameter	Recommended Hole Size	Shear Strength	Tensile Strength	
					Min	Max					
	Max	Max	Max	Max	Max	Max	Pounds	Pounds			
C-0412	1/8	.480	.216	.051	.094	.251	.070	.134	165	230	
C-0414		.527			.157	.310					
C-0416											
C-0514	5/32	.562	.255	.055	.110	.310	.082	.165	255	375	
C-0615	3/16	.609	.350	.074	.126	.310	.114	.197	350	530	
C-0621		.802			.248	.499					

Description	An aluminum blind fastener with a self-contained steel mandrel. The multi-grip rivet design differs from a standard blind rivet two ways: (1) a section of the body shank has a slightly reduced outside diameter, and (2) the stem of the mandrel is pinched at a point above the mandrel head. The head of the rivet is countersunk at an angle of 120°.
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. The Countersunk head style provides a smooth offside surface and sufficient clearance for moving parts which pass over the rivet head. They should be used when fastening materials with mechanical and physical properties similar to aluminum.
Material	<i>Rivet Body:</i> Aluminum Alloy 5251 or equivalent alloy. <i>Mandrel:</i> Low carbon steel
Shear Strength	Rivets shall have ultimate shear loads not less than the minimum ultimate shear loads specified for the applicable size given in the above table.
Tensile Strength	Rivets shall have ultimate tensile loads not less than the minimum ultimate tensile loads specified for the applicable size given in the above table.

PART NUMBER COMPARISON - COUNTERSUNK HEAD MULTI-GRIP RIVETS			
ALUMINUM RIVET / STEEL BLACK PHOSPHATE MANDREL		ALUMINUM RIVET / STEEL ZINC MANDREL	
Catalog Part #	Avdel Avex®	Catalog Part #	Avdel Avex®
C-0615B	1604-0615	C-0412Y	1682-0412
C-0621B	1604-0621	C-0414Y	1682-0414
		C-0416Y	1682-0416
		C-0514Y	1682-0514
		C-0615Y	1682-0615
		C-0621Y	1682-0621

*Rivets meet the same dimensions as those published by the manufacturers of the Avdel UK Limited brand.