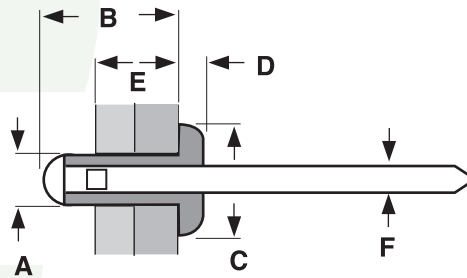


RIVETS

MULTI-GRIP, DOME HEAD

Aluminum Body
Steel Mandrel

DOME HEAD MULTI-GRIP ALUMINUM BODY / STEEL MANDREL BLIND RIVETS										Avdel
Part Number	A	B	C	D	E		F	Recommended Hole Size	Shear Strength	Tensile Strength
	Rivet Diameter	Length	Head Diameter	Head Height	Grip Range		Mandrel Diameter		Pounds	Pounds
		Max	Max	Max	Min	Max			Max	
D-0410	1/8	.409	.217	.045	.031	.189	.070	.134	165	230
D-0414		.530			.125	.312				
D-0512	5/32	.480	.257	.058	.046	.250	.082	.165	255	375
D-0516		.610			.156	.375				
D-0613	3/16	.550	.351	.071	.062	.250	.114	.197	350	530
D-0619		.730			.187	.437				
D-0621		.780			.250	.500				
D-0631		1.09			.500	.781				

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 slightly rounded, similar to a pan head screw.
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. Dome heads are used in standard applications which call for maximum clamp up and hole fill. They should be used when fastening materials with mechanical and physical properties similar to aluminum.
Material	Rivet Body: Aluminum Alloy 5251 or equivalent alloy. Mandrel: 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.

DOME HEAD MULTI-GRIP RIVETS	
ALUMINUM RIVET / STEEL BLACK PHOSPHATE MANDREL	
Part Number Comparison	
Catalog Part #	Avdel Avex®
D-0410B	1601-0410
D-0414B	1601-0414
D-0512B	1601-0512
D-0516B	1601-0516
D-0613B	1601-0613
D-0619B	1601-0619

DOME HEAD MULTI-GRIP RIVETS	
ALUMINUM RIVET / STEEL ZINC MANDREL	
Part Number Comparison	
Catalog Part #	Avdel Avex®
D-0410Y	1693-0410
D-0414Y	1693-0414
D-0512Y	1693-0512
D-0613Y	1693-0613
D-0619Y	1693-0619
D-0621Y	1693-0621
D-0631Y	1693-0631

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