



## COUNTERSUNK DRIVE PIN RIVETS

Part Number	D		L		Grip Range		R	H	Part Number	D		L		Grip Range		R	H
	Shank Diameter ( $\pm .001$ )	Length ( $+.010, -.005$ )	Min	Max	Head Diameter ( $+.005, -.015$ )	Head Height ( $\pm .005$ )				Shank Diameter ( $\pm .001$ )	Length ( $+.010, -.005$ )	Min	Max	Head Diameter ( $+.005, -.015$ )	Head Height ( $\pm .005$ )		
05094ACSS	.125	.188	.078	.109	.216	.042	10188ACA	.188	.344	.141	.234	.344	.070				
05125ACSS		.219	.109	.141			10250ACA		.406	.203	.297						
05156ACSS		.250	.141	.172			10313ACA		.469	.266	.359						
05188ACSS		.281	.172	.203			10375ACA		.531	.328	.422						
05219ACSS		.313	.203	.235			10438ACA		.594	.391	.484						
05250ACSS		.344	.235	.266			10500ACA		.656	.453	.547						
05281ACSS		.375	.266	.297			10563ACA		.719	.516	.609						
05312ACSS		.406	.297	.328			10625ACA		.781	.578	.672						
05344ACSS		.438	.328	.360			14188ACA		.344	.141	.234			.467	.095		
05375ACSS		.469	.360	.391			14250ACA		.406	.203	.297						
05406ACSS		.500	.391	.422			14313ACA		.469	.266	.359						
07125ACSS		.156	.250	.109			.141		14375ACA	.531	.328					.422	
07156ACSS	.281		.141	.172	14438ACA	.594	.391	.484									
07188ACSS	.313		.172	.203	14500ACA	.656	.453	.547									
07219ACSS	.344		.203	.235	14563ACA	.719	.516	.609									
07250ACSS	.375		.235	.266	14625ACA	.781	.578	.672									
07281ACSS	.406		.266	.297	14688ACA	.844	.641	.734									
07312ACSS	.438		.297	.328	14750ACA	.906	.703	.797									
07344ACSS	.469		.328	.360	14813ACA	.969	.766	.859									
07375ACSS	.500		.360	.391	14875ACA	1.031	.828	.922									
07406ACSS	.531		.391	.422	14938ACA	1.094	.891	.984									
Rivets listed above have stainless pin; all others have aluminum pin.								141000ACA	1.156	.953	1.047						

Description	A two-piece fastening system consisting of (1) a self-contained pin within (2) the body of a tubular-shaped rivet with a flat, countersunk head. The head is countersunk at an angle of 100° and is a little less than twice the diameter of the shank. The top of the rivet has an opening through which the pin protrudes. The opposite end of the rivet is enclosed but with two cross-wise slits cut into the body extending from the tip, up the shank a limited distance.
Applications/ Advantages	Drive pin rivets can join two or more pieces of low-density metal without the use of special installation tools. The rivet is inserted into pre-drilled, aligned holes and is set in place by striking the top of the pin with a hammer so that the pin is flush with the top of the head. This action causes the pin to drive through the opposite end and flare out in four directions creating a head on the blind side of the fastening. Drive pins have superior shear strength to standard break stem rivets because the pin remains inside of the installed rivet for its entire length. The flat head style provides a smooth offside surface with sufficient clearance for moving parts that pass over the rivet head.
Material	<p><b>Body (All diameters):</b> Aluminum alloy 2117 H15 or equivalent alloy</p> <p><b>Pin (1/8 &amp; 5/32" diam):</b> 302 series Stainless Steel</p> <p><b>Pin (3/16 &amp; 1/4" diam):</b> Aluminum alloy 2024 T4 or equivalent alloy</p>
Shear Strength (approximate)	3/16" diameter: 650 lbs. minimum; 1/4" diameter: 1150 lbs. minimum
Tensile Strength (approximate)	3/16" diameter: 460 lbs. minimum; 1/4" diameter: 820 lbs. minimum