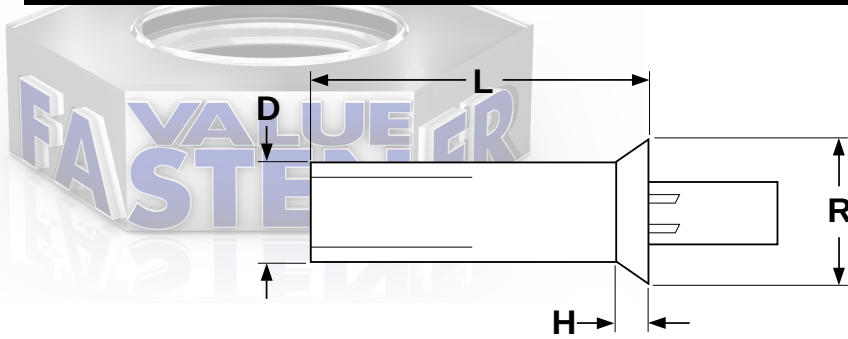




COUNTERSUNK DRIVE PIN RIVETS

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	.250	.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	.278	.055	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		
							141000ACA		1.156	.953	1.047		

Rivets listed above have stainless pin; all others have aluminum pin.





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	 Body (All diameters): Aluminum alloy 2117 H15 or equivalent alloy Pin (1/8 & 5/32" diam): 302 series Stainless Steel Pin (3/16 & 1/4" diam): Aluminum alloy 2024 T4 or equivalent alloy
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

