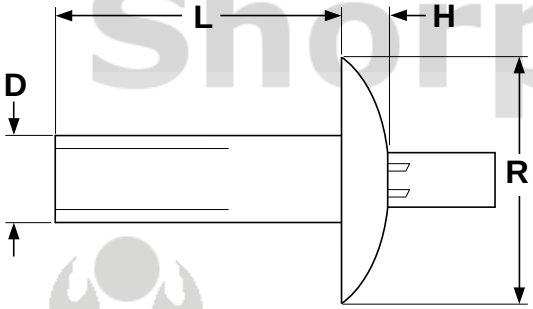
Drive Pin



Brazier Head Drive Pin Rivets

Part Number	D	L	Grip Range		R	H	Part Number	D	L	Grip Range		R	H
	Shank Diameter (± .001)	Length (+.010, -.005)	Min	Max	Head Diameter (+.005, -.015)	Head Height (± .005)		Shank Diameter (± .001)	Length (+.010, -.005)	Min	Max	Head Diameter (+.005, -.015)	Head Height (± .005)
05094ABSS	.125	.187	.078	.109	.312	.062	14094ABA	.250	.250	.047	.141	.625	.125
05125ABA		.219	.109	.141			14125ABA		.281	.078	.172		
05156ABA		.250	.141	.172			14188ABA		.344	.141	.234		
05188ABA		.281	.172	.203			14250ABA		.406	.203	.297		
05219ABA		.313	.203	.234			14313ABA		.469	.266	.359		
05250ABA		.344	.234	.266			14375ABA		.531	.328	.422		
05281ABA		.375	.266	.297			14438ABA		.594	.391	.484		
10094ABA	.187	.250	.047	.141	.469	.094	14500ABA		.656	.453	.547		
10125ABA		.281	.078	.172			14563ABA		.719	.516	.609		
10188ABA		.344	.141	.234			14625ABA		.781	.578	.672		
10250ABA		.406	.203	.297			14688ABA		.844	.641	.734		
10313ABA		.469	.266	.359			14750ABA		.906	.703	.797		
10375ABA		.531	.328	.422			14813ABA		.969	.766	.859		
10438ABA		.594	.391	.484			14875ABA		1.031	.828	.922		
10500ABA		.656	.453	.547			14938ABA		1.094	.891	.984		
10563ABA		.719	.516	.609			141000ABA		1.156	.953	1.047		
10625ABA		.781	.578	.672			141125ABA		1.281	1.078	1.172		
10750ABA		.906	.703	.797			141188ABA		1.344	1.141	1.234		
10813ABA		.969	.766	.859			141250ABA		1.406	1.203	1.297		
10875ABA		1.031	.828	.922			141313ABA		1.469	1.266	1.359		
10938ABA		1.094	.891	.984			141375ABA		1.531	1.328	1.422		
101000ABA		1.156	.953	1.047			141438ABA		1.594	1.484	1.572		

Description	A two-piece fastening system consisting of (1) a self-contained pin within (2) the body of a tubular-shaped rivet with a dome-shaped head. The head is approximately 2-1/2 times as wide as the shank diameter. 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 brazier head variety offers a greater bearing surface area than the universal head. The rivets with a grip range of an inch or greater may be used for fastening into masonry.
Material	**Body:** Aluminum alloy 2117 H15 or equivalent alloy **Pin (1/8 diameter):** 302 series Stainless Steel **Pin (3/16 & 1/4" diameters):** 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