



## BRAZIER HEAD DRIVE PIN RIVETS - ALL ALUMINUM

Kanebridge Part Number	Southco® Part Number	D Shank Diam. (±.001)	L Length (+.010, -.005)	Grip Range		R Head Diam. (+.005, -.015)	H Head Height (±.005)	Kanebridge Part Number	Southco® Part Number	D Shank Diam. (±.001)	L Length (+.010, -.005)	Grip Range		R Head Diam. (+.005, -.015)	H Head Height (±.005)
				Min	Max							Min	Max		
10094ABA	38-206-02-16	.187	.250	.047	.141	.469	.094	14125ABA	38-208-04-16	.250	.281	.078	.172	.625	.125
10125ABA	38-206-04-16		.281	.078	.172			14188ABA	38-208-06-16		.344	.141	.234		
10188ABA	38-206-06-16		.344	.141	.234			14250ABA	38-208-08-16		.406	.203	.297		
10250ABA	38-206-08-16		.406	.203	.297			14313ABA	38-208-10-16		.469	.266	.359		
10313ABA	38-206-10-16		.469	.266	.359			14375ABA	38-208-12-16		.531	.328	.422		
10375ABA	38-206-12-16		.531	.328	.422			14438ABA	38-208-14-16		.594	.391	.484		
10438ABA	38-206-14-16		.594	.391	.484			14500ABA	38-208-16-16		.656	.453	.547		
10500ABA	38-206-16-16		.656	.453	.547			14625ABA	38-208-20-16		.781	.578	.672		
10625ABA	38-206-20-26		.781	.578	.672			14750ABA	38-208-24-16		.906	.703	.797		
10813ABA	38-206-26-16		.969	.766	.859			14875ABA	38-208-28-16		1.031	.828	.922		
10875ABA	38-206-28-16		1.031	.828	.922			141000ABA	38-208-32-16		1.156	.953	1.047		
101000ABA	38-206-32-16		1.156	.953	1.047			141125ABA	38-208-36-16		1.281	1.078	1.172		
14094ABA	38-208-02-16		.250	.250	.047			.141	.625		.125	141375ABA	38-208-44-16		

<b>Description</b>	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.
<b>Applications/ Advantages</b>	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.
<b>Material</b>	<b>Body:</b> Aluminum alloy 2117 H15 or equivalent alloy <b>Pin:</b> Aluminum alloy 2024 T4 or equivalent alloy
<b>Shear Strength (approximate)</b>	3/16" diameter: 650 psi. minimum; 1/4" diameter: 1150 psi. minimum
<b>Tensile Strength (approximate)</b>	3/16" diameter: 460 psi. minimum; 1/4" diameter: 820 psi. minimum