



DRIVE PIN BRAZIER HEAD

Kanebridge Part Number	Southco® Part Number	Shank Diam. (±.001)	Length (+.010-.005)	Grip Range		Head Diam. (+.005-0.15)	Kanebridge Part Number	Southco® Part Number	Shank Diam. (±.001)	Length (+.010, -.005)		Grip Range		Head Diam. (+.005, -.015)	Head Height (± .005)		
				Min	Max					Min	Max						
10094ABA	38-206-02-16	.187	.250	.047	.141	.469	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 .094		.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		1.03	.828	.922					
10875ABA	38-206-28-16		1.031	.828	.922		141000ABA	38-208-32-16		1.15	.953	1.047					
101000ABA	38-206-32-16		1.156	.953	1.047		141125ABA	38-208-36-16		1.28	1.07	1.172					
14094ABA	38-208-02-16		.250	.250	.047		.141	.625		.125	1413	38-208-44-16			1.53	1.32	1.422

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: Aluminum alloy 2024 T4 or equivalent alloy
Shear Strength	3/16" diameter: 650 psi. minimum; 1/4" diameter: 1150 psi. minimum
Tensile Strength	3/16" diameter: 460 psi. minimum; 1/4" diameter: 820 psi. minimum