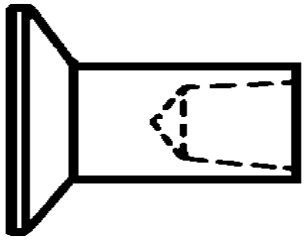
SEMI-TUBULAR RIVET COUNTERSUNK HEAD



Nominal Size	Shank Diameter		Head Diameter		Head Thickness	Type T Taper Hole Rivets				Type S Straight Hole Rivets			Tolerance on Length		
			Max, Edge Sharp	Min. Edge Round or Flat		Hole Dia. at End of Rivet		Hole Dia. at Bottom of Hole	Hole Depth to Start of Apex	Hole Dia. at End of Rivet		Hole Depth to Start of Apex	Up to and including 4 times shank dia.	Over 4 times shank dia. and up to and including 8 times shank dia.	Over 8 times shank dia.
	Max	Min			Ref	Max	Min	Min	Min	Max	Min	Nom			
0.089	0.089	0.085	0.223	0.203	0.039	0.068	0.064	0.050	0.057	0.068	0.062	0.064	±0.007	±0.008	±0.010
0.123	0.123	0.118	0.271	0.245	0.043	0.095	0.091	0.079	0.082	0.090	0.084	0.094	±0.007	±0.010	±0.015
0.146	0.146	.0.141	0.337	0.307	0.056	0.112	0.106	0.085	0.104	0.107	0.100	0.126	±0.010	±0.012	±0.015
0.188	0.188	0.182	0.404	0.369	0.063	0.145	0.139	0.110	0.135	0.141	0.134	0.155	±0.010	±0.012	±0.015
0.217	0.217	0.210	0.472	0.430	0.075	0.166	0.158	0.136	0.151	0.163	0.155	0.189	±0.010	±0.015	±0.020
0.252	0.252	0.244	0.540	0.493	0.084	0.191	0.181	0.150	0.183	0.184	0.176	0.219	±0.010	±0.015	±0.020

Description	A small, headed metal fastener having a coaxial cylindrical or tapered hole which does not exceed 112% of the mean shank diameter in the end opposite the head. The rivet's head is countersunk at an angle of 120°.
Applications/ Advantages	Easier to clinch than solid rivets. The hole reduces riveting forces for riveting tooling while the remaining clinched solid shank can provide comparable shear strengths to other common riveting products. The 120° countersunk head provides a smooth offside surface and sufficient clearance for moving parts which pass over the rivet head. The fastener is installed with a riveting hammer.
Material	Steel: Low carbon steel (containing 0.1% carbon or less) Aluminum: Grades 5056, 1100, 2017, 2117 or 6053