



SOLID PAN HEAD RIVETS										ANSI/ASME B18.1.1
Nominal Size or Basic Shank Diameter		P		D		H		R ₁	R ₂	R ₃
		Shank Diameter		Head Diameter		Head Height		Head Corner Radius	Head Side Radius	Head Crown Radius
		Max	Min	Max	Min	Max	Min	Approx	Approx	Approx
1/16	0.062	0.064	0.059	0.118	0.098	0.040	0.030	0.019	0.052	0.217
3/32	0.094	0.096	0.090	0.173	0.153	0.060	0.048	0.030	0.080	0.326
1/8	0.125	0.127	0.121	0.225	0.205	0.078	0.066	0.039	0.106	0.429
5/32	0.156	0.158	0.152	0.279	0.257	0.096	0.082	0.049	0.133	0.535
3/16	0.188	0.191	0.182	0.334	0.308	0.114	0.100	0.059	0.159	0.641
7/32	0.219	0.222	0.213	0.391	0.365	0.133	0.119	0.069	0.186	0.754
1/4	0.250	0.253	0.244	0.444	0.414	0.151	0.135	0.079	0.213	0.858
9/32	0.281	0.285	0.273	0.499	0.465	0.170	0.152	0.088	0.239	0.963
5/16	0.312	0.316	0.304	0.552	0.518	0.187	0.169	0.098	0.266	1.070
11/32	0.344	0.348	0.336	0.608	0.570	0.206	0.186	0.108	0.292	1.176
3/8	0.375	0.380	0.365	0.663	0.625	0.225	0.205	0.118	0.319	1.286
13/32	0.406	0.411	0.396	0.719	0.675	0.243	0.221	0.127	0.345	1.392
7/16	0.438	0.443	0.428	0.772	0.728	0.261	0.239	0.137	0.372	1.500
Tolerance on Length								Plus	Minus	
								0.016	0.016	

Description	A small, pan-head metal fastener having no internal cavity, made of a malleable material.
Applications/ Advantages	Designed to permanently join two or more pieces of metal with pre-drilled holes.
Material	Grade 0 solid rivets shall be made from steel which conforms to the following chemical composition ladle analysis: <i>Phosphorous</i> : 0.040% maximum; <i>Sulfur</i> : 0.050% maximum
Hardness	Rockwell B 65 maximum
Tensile Strength	40,000 - 55,000 psi.
Yield Point	23,000 psi., minimum
Elongation in 8 in.	27%, minimum