

SOLID RIVETS - Aluminum MS20470 and MS20426

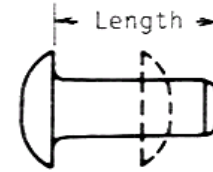
Type A =1100 Soft , Low strength. Type AD=2117-t4 Medium Strength, 26,000 PSI*. Type B =5056-H32, for magnesium Alloys, 24,000PSI. Type DD=2024-T4, High Strength, 37,000PSI. Type D=2017-T4, High Shear Strength,33,000PSI. Type E=7050-T73, High Shear, High Temp, 41,000PSI. Type K=2219-T81, High Strength, High Temp., 32,000PSI. Type T= Titanium,45CB, Ultimate Strength and Temp.,50,000PSI Note: *Undriven Shear Strength.

Common Rivet Diameter/Length Chart

MS20470

Universal Head - Approximate Pieces Per Pound

LENGTH	DASH#	Nominal Diameter Dash#							
		1/16 0.062	3/32 0.094	1/8 0.125	5/32 0.156	3/16 0.187	1/4 0.250	5/16 0.312	3/8 0.375
		-2	-3	-4	-5	-6	-8	-10	-12
1/16	-1	24390	8457	3968					
3/32	-1.5	19608	7194	3436	1908	1261			
1/8	-2	16667	6250	3040	1712	1136			
3/16	-3	12658	4926	2457	1418	952	427		
1/4	-4	10204	4049	2066	1212	813	377	214	149
5/16	-5	8547	3436	1783	1057	714	338	193	135
3/8	-6	7353	2994	1565	935	633	306	177	123
7/16	-7	6452	2646	1397	840	571	279	163	114
1/2	-8	5747	2375	1261	763	521	257	151	105
9/16	-9	5181	2151	1148	699	476	238	141	98
5/8	-10	5717	1969	1055	645	441	222	132	92
11/16	-11	4329	1811	971	599	408	207	124	86
3/4	-12	4000	1681	909	559	382	195	117	81
7/8	-14	3472	1466	794	493	337	174	105	73
1	-16	3067	1300	709	441	301	157	95	66
1-1/8	-18	2488	1168	637	398	273	143	87	61
1-1/4	-20	2092	1059	581	364	249	132	81	56
1-3/8	-22		971	535	334	229	122	75	52
1-1/2	-24		893	493	310	212	113	69	49
1-3/4	-28		775	427	270	185	99	61	43
2	-32		680	377	238	163	88	55	38
2-1/4	-36			338	214	147	80	50	34
2-1/2	-40			306	194	133	73	45	31
2-3/4	-44			279	177	122	67	41	29
3	-48			257	163	112	62	38	27
3-1/4	-52				151	104	57	36	25
3-1/2	-56				141	97	53	33	23
3-3/4	-60				132	91	50	31	22
4	-64				124	85	47	30	21
4-1/4	-68					81	45	28	20
4-1/2	-72					76	42	27	19
4-3/4	-76					72	40	25	18
5	-80					69	38	24	17
5-1/4	-84						36	23	16
5-1/2	-88						35	22	15



MS20470

NAS1242 (1/64 Oversize)

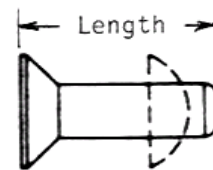
Typical Part#
MS20470AD4-4

MS20426

NAS1097

100 Deg Countersunk Head - Approximate Pieces per Pound

LENGTH	DASH#	Nominal Diameter Dash#							
		-2	-3	-4	-5	-6	-8	-10	-12
1/8	-2	22727							
3/16	-3	15873	6211						
1/4	-4	12195	4901	2754	1677	1094			
5/16	-5	9900	4032	2267	1394	917			
3/8	-6	8333	3424	1930	1194	793	413	268	
7/16	-7	7194	2976	1677	1043	699	366	239	
1/2	-8	6329	2638	1485	925	621	328	215	140
9/16	-9	5649	2364	1331	833	561	298	194	127
5/8	-10	5102	2141	1207	757	512	273	178	117
11/16	-11	4651	1956	1103	694	469	251	164	108
3/4	-12	4273	1805	1017	641	434	234	152	101
7/8	-14	3676	1557	877	555	378	204	132	88
1	-16	3225	1371	775	490	334	181	117	79
1-1/8	-18	2873	1223	689	438	299	163	105	71
1-1/4	-20	2577	1106	625	395	271	148	95	65
1-3/8	-22		1008	568	361	248	135	88	59
1-1/2	-24		925	523	332	228	125	81	55
1-3/4	-28		798	444	286	197	108	70	47
2	-32		701	392	251	173	95	61	42
2-1/2	-40			315	200	139	77	50	34
3	-48			264	168	117	64	42	29
3-1/2	-56				145	100	55	35	24



MS20426

NAS1241 (1/64 Oversize)

Typical Part#
MS20426AD5-4