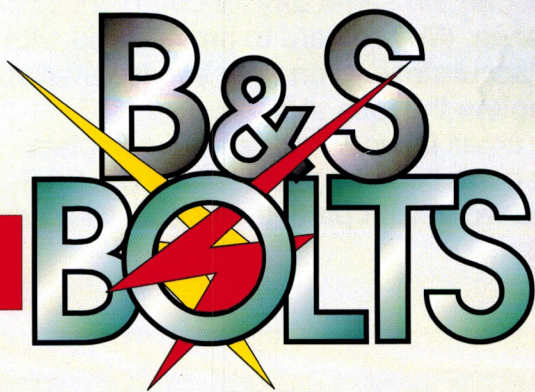


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MIL-SPEC LISTINGS

HEX HEAD

CAPSCREWS

SAE J429, MIL-S-1222,
MS 35307, MS 35308,
MS 35331, MS 90725,
MS 90726, A193-B7

HEX NUTS

FF-N-836, MIL-S-1222,
MS 35690, MS 35691,
MS 51967, MS 51968,
MS 51971

LOCKNUTS

MS 16228, MS 17825,
MS 17826, MS 17828,
MS 17829, MS 17830,
MS 21044

FLAT WASHERS

FF-W-84, MS 15795,
An960, NAS 620,
MS 27183, MS 16212,
MS 51412

LOCKWASHERS

FF-W-82, MS 35338,
MS 35333

SCREWS

FF-S-92, MS 51957,
MS 51958, MS 51959,
MS 51960, MS 24695

SOCKET

FF-S-86, FF-S-200,
MIL-S-1222, MS 24670,
MS 24671, MS 24672,
MS 16995, MS 16996,
MS 16997, MS 16998

STUDS

WELD STUDS

MS 24149

STACKSTUDS

PINS

MS 9245, MS 16555,
MS 24665, MS 24692,
MIL-P-10971

RIVETS

RIVETS SOLID

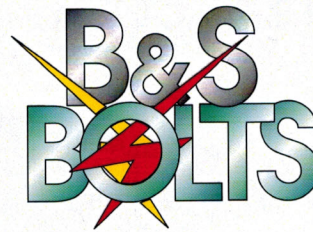
MS 91318, MS 91319,
MS 919403, NAS 177,
NAS 178, NAS 508,
NAS 525, NAS 529,
NAS 1054, NAS 1055,
NAS 1087, NAS 1088,
NAS 1098, NAS 1200,
MS 20426, MS 20427,
MS 20470, MS 20613,
MS 20615, AN 425,
AN 426, AN 427,
AN 430, AN 435

RIVETS BLIND

CCP.W, MIL 1204245,
MS 20600, MS 20601,
MS 20604, MS 20605,
NAS 1398, NAS 1399,
NAS 51738, NAS 1739

RIVET NUTS

MS 27131, MS 27132,
NAS 1329, NAS 1330,
NAS 1734, NAS 1735



B&S Bolts, one of the premier Mil-Spec fastener suppliers on the east coast, has been supplying the U.S. Navy with high quality fasteners for over 36 years. Our experience is providing quality fasteners for critical applications, ranging from aircraft carriers to submarines, and from communications systems to missile components. All of these systems require the most thoroughly tested, and sometimes the tightest tolerance fasteners available on the market today.

B&S Bolts supplies parts to the demanding standards of companies like Lockheed Martin, Raytheon Technical Services, British Aerospace Engineering, and Huntington Ingalls/Newport News Shipbuilding. We also contract government facilities such as Naval Air and Naval Undersea Warfare Center, NASA, and Norfolk Naval Shipyard. Our experience has come from many years of working closely with these kinds of companies/agencies who's fastener requirements are critical.

B&S Bolts inventories include MS, AN, NAS, ASTM and ASME fasteners in materials such as nickel copper, stainless steel, heat treated and alloy steels. In addition to our standard inventory, we fabricate specialty parts within reasonable turn around times using print or sample.

At B&S Bolts, service is the first order of business. Our goal is to work with our customers to help determine the requirement needs of the project. Some parts can be cross referenced to Military Specifications with the description, to ensure accurate adherence to the job's requirements. Our ability to quickly procure and to deliver these parts, help meet the time constraints required by the project. We consider service to be knowledge of our product, and knowledge of the products availability.

Often, materials from our inventory can be packaged and shipped the same day for overnight or second day deliveries. We are here to provide you with the most reliable, accurate, and on-time service available as needed to complete the jobs at hand.

Call, fax or email us your needs for a complete price and delivery quotation that you can rely on. B&S Bolts supplying the world with parts they need, whether for land, air or sea.

HEX HEAD CAPSCREWS 304 STAINLESS STEEL

MS35307
COURSE THREAD

MS35308
FINE THREAD

35307 35308 Length	1/4-20 1/4-28	5/16-18 5/16-24	3/8-16 3/8-24	7/16-14 7/16-20	1/2-13 1/2-20	9/16-12 9/16-18	5/8-11 5/8-18	3/4-10 3/4-16	7/8-9 7/8-14	1-8 1-12	1-1/8-7 1-1/8-12	1-1/4-7 1-1/4-12
3/8	301	327	353									
7/16	302	328	354	379								
1/2	303	329	355	380	404							
9/16	304	330	356	381	405	430						
5/8	305	331	357	382	406	431	455					
3/4	306	332	358	383	407	432	456	479				
7/8	307	333	359	384	408	433	457	480	502			
1	308	334	360	385	409	434	458	481	503	524		
1 1/8	309	335	361	386	410	435	459	482	504	525	545	
1 1/4	310	336	362	387	411	436	460	483	505	526	546	565
1 3/8	311	337	363	388	412	437	461	484	506	527	547	566
1 1/2	312	338	364	389	413	438	462	485	507	528	548	567
1 3/4	313	339	365	390	414	439	463	486	508	529	549	568
2	314	340	366	391	415	440	464	487	509	530	550	569
2 1/4	315	341	367	392	416	441	465	488	510	531	551	570
2 1/2	316	342	368	393	417	442	466	489	511	532	552	571
2 3/4	317	343	369	394	418	443	467	490	512	533	553	572
3	318	344	370	395	419	444	468	491	513	534	554	573
3 1/4	319	345	371	396	420	445	469	492	514	535	555	574
3 1/2	320	346	372	397	421	446	470	493	515	536	556	575
3 3/4	321	347	373	398	422	447	471	494	516	537	557	576
4	322	348	374	399	423	448	472	495	517	538	558	577
4 1/4	323	349	375	400	424	449	473	496	518	539	559	578
4 1/2	324	350	376	401	425	450	474	497	519	540	560	579
4 3/4	325	351	377	402	426	451	475	498	520	541	561	580
5	326	352	378	403	427	452	476	499	521	542	562	581
5 1/2					428	453	477	500	522	543	563	582
6					429	454	478	501	523	544	564	583



LOCK WASHERS, SCREW & HEX NUTS

MS35338
LOCK WASHERS
STAINLESS STEEL

#2	MS35338-134
#4	MS35338-135
#6	MS35338-136
#8	MS35338-137
#10	MS35338-138
1/4	MS35338-139
5/16	MS35338-140
3/8	MS35338-141
1/2	MS35338-143
5/8	MS35338-145
3/4	MS35338-146

MACHINE SCREW NUTS
STAINLESS STEEL
MIL-SPEC

2-56	MS35649-224
4-40	MS35649-244
6-32	MS35649-264
8-32	MS35649-284
10-24	MS35649-204
10-32	MS35650-304
1/4-20	MS35649-2254
5/16-18	MS35649-2314
3/8-16	MS35649-2384

MS51971
HEX NUTS
STAINLESS STEEL

1/4-20	MS51971-1
5/16-18	MS51971-2
3/8-16	MS51971-3
1/2-13	MS51971-5
5/8-11	MS51971-7
3/4-10	MS51971-8

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MIL-SPEC MACHINE SCREWS

300 SERIES STAINLESS STEEL

MS51957

PHILLIPS RECESS PAN HEAD
COURSE THREAD



Length	2-56	4-40	6-32	8-32	10-24	1/4-20	Length
1/8	1	11	24	39			1/8
3/16	2	12	25	40	58		3/16
1/4	3	13	26	41	59		1/4
5/16	4	14	27	42	60	76	5/16
3/8	5	15	28	43	61	77	3/8
7/16	6	16	29	44	62	78	7/16
1/2	7	17	30	45	63	79	1/2
9/16	141	120	123	126	129	132	9/16
5/8	8	18	31	46	64	80	5/8
3/4	9	19	32	47	65	81	3/4
7/8	10	20	33	48	66	82	7/8
1	142	21	34	49	67	83	1
1 1/4		22	35	50	68	84	1 1/4
1 3/8		122	125	128	131	134	1 3/8
1 1/2		23	36	51	69	85	1 1/2
1 3/4			37	52	70	86	1 3/4
2			38	53	71	87	2

MS51958

PHILLIPS RECESS PAN HEAD
FINE THREAD



Length	2-64	4-48	6-40	8-36	10-32	1/4-28	Length
1/8	1	11	24	39			1/8
3/16	2	12	25	40	58		3/16
1/4	3	13	26	41	59		1/4
5/16	4	14	27	42	60	76	5/16
3/8	5	15	28	43	61	77	3/8
7/16	6	16	29	44	62	78	7/16
1/2	7	17	30	45	63	79	1/2
5/8	8	18	31	46	64	80	5/8
3/4	9	19	32	47	65	81	3/4
7/8	10	20	33	48	66	82	7/8
1		21	34	49	67	83	1
1 1/4		22	35	50	68	84	1 1/4
1 1/2		23	36	51	69	85	1 1/2
1 3/4			37	52	70	86	1 3/4
2			38	53	71	87	2

MS51959

PHILLIPS RECESS FLAT HEAD
82 DEGREE ~ COURSE THREAD



Length	2-56	4-40	6-32	8-32	10-24	1/4-20	5/16-18	3/8-16	Length
1/8	1*	11*	24*	39*					1/8
3/16	2	12*	25*	40*	58*				3/16
1/4	3	13	26	41*	59*				1/4
5/16	4	14	27	42	60*	76*			5/16
3/8	5	15	28	43	61	77*	92*		3/8
7/16	6	16	29	44	62	78*	93*		7/16
1/2	7	17	30	45	63	79	94*	107*	1/2
5/8	8	18	31	46	64	80	95	108*	5/8
3/4	9	19	32	47	65	81	96	109	3/4
7/8	10	20	33	48	66	82	97	110	7/8
1		21	34	49	67	83	98	111	1
1 1/4		22	35	50	68	84	99	112	1 1/4
1 1/2		23	36	51	69	85	100	113	1 1/2
1 3/4			37	52	70	86	101	114	1 3/4
2			38	53	71	87	102	115	2

Notes: *Undercut head screws

Ms51960

PHILLIPS RECESS FLAT HEAD
82 DEGREE ~ FINE THREAD



Length	0-80	2-64	4-48	6-40	8-36	10-32	1/4-28	5/16-24	Length
1/8	1*	6*	15*	26*	41*				1/8
3/16	2	7	16	27*	42*	60*			3/16
1/4	3	8	17	28*	43*	61*	78*		1/4
5/16	4	9	18	29	44	62*	79*		5/16
3/8	5	10	19	30	45	63	80*	95*	3/8
7/16		11	20	31	46	64	81*	96*	7/16
1/2		12	21	32	47	65	82	97*	1/2
5/8		13	22	33	48	66	83	98	5/8
3/4		14	23	34	49	67	84	99	3/4
7/8			24	35	50	68	85	100	7/8
1			25	36	51	69	86	101	1
1 1/4				37	52	70	87	102	1 1/4
1 1/2				38	53	71	88	103	1 1/2
1 3/4				39	54	72	89	104	1 3/4
2				40	55	73	90	105	2

Notes: *Undercut head screws

MIL-SPEC MACHINE SCREWS

100 DEGREE CARBON STEEL or STAINLESS STEEL

MS24693 - CARBON STEEL MS24693C - STAINLESS STEEL PHILLIPS RECESS FLAT HEAD COURSE THREAD



MS24693 - CARBON STEEL MS 24693C - STAINLESS STEEL PHILLIPS RECESS FLAT HEAD FINE THREAD



Length	4-40	6-32	8-32	10-24	1/4-20	5/16-18	3/8-16	Length
3/16	1	23						3/16
1/4	2	24	46					1/4
5/16	3	25	47	69	91			5/16
3/8	4	26	48	70	92			3/8
7/16	5	27	49	71	93			7/16
1/2	6	28	50	72	94	116	138	1/2
5/8	7	29	51	73	95	117	139	5/8
3/4	8	30	52	74	96	118	140	3/4
7/8	9	31	53	75	97	119	141	7/8
1	10	32	54	76	98	120	142	1
1 1/8	11	33	55	77	99	121	143	1 1/8
1 1/4	12	34	56	78	100	122	144	1 1/4
1 3/8								1 3/8
1 1/2	14	36	58	80	102	124	146	1 1/2
1 5/8								1 5/8
1 3/4		38	60	82	104	126	148	1 3/4
1 7/8								1 7/8
2		40	62	84	106	128	150	2

Length	4-48	6-40	8-36	10-32	1/4-28	5/16-24	3/8-24	Length
3/16	201							3/16
1/4	202	224	246	268				1/4
5/16	203	225	247	269				5/16
3/8	204	226	248	270	292			3/8
7/16	205	227	249	271	293			7/16
1/2	206	228	250	272	294	316	338	1/2
5/8	207	229	251	273	295	317	339	5/8
3/4	208	230	252	274	296	318	340	3/4
7/8	209	231	253	275	297	319	341	7/8
1	210	232	254	276	298	320	342	1
1 1/8	211	233	255	277	299	321	343	1 1/8
1 1/4	212	234	256	278	300	322	344	1 1/4
1 3/8	213	235	257	279	301			1 3/8
1 1/2	214	236	258	280	302	324	346	1 1/2
1 5/8	215	237	259	281	303			1 5/8
1 3/4	216	238	260	282	304	326	348	1 3/4
1 7/8		239	261	283	305			1 7/8
2		240	262	284	306	328	350	2

HEXAGON SOCKET CAPSCREWS

MS 16995 COURSE THREAD STAINLESS STEEL

Length	2-56	4-40	6-32	8-32	10-24	1/4-20	5/16-18	3/8-16	1/2-13	5/8-11
3/16	1									
1/4	2	9	16							
3/8	3	10	17	25	35	47	61			
1/2	4	11	18	26	36	48	62	77		
5/8			19	27	37	49	63	78		
3/4			20	28	38	50	64	79	92	
7/8				29	39	51	65	80	93	
1				30	40	52	66	81	94	107
1 1/4					41	53	67	82	95	108
1 1/2					42	54	68	83	96	109
1 3/4						55	69	84	97	110
2						56	70	85	98	111

MS 16996 FINE THREAD STAINLESS STEEL

Length	0-80	10-32	1/4-28	5/16-24	3/8-24
1/8	1				
3/16	2				
1/4	3				
3/8	4	9			
1/2		10	21		
5/8		11	22		
3/4		12	23	31	39
7/8		13			
1		14	24	32	40
1 1/4		15	25	33	41
1 1/2		16	26	34	42

STAINLESS STEEL FLAT WASHERS

MS - NAS - AN - COMMERCIAL - FENDER

FLAT WASHERS - COMMERCIAL - STAINLESS STEEL

Size	#12	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
O.D.	9/16	5/8	3/4	7/8	1 1/8	1 1/4	1 3/8	1/2	1 3/4	1 7/8	2	2	2 1/2	2 3/4	3 2/4	3 1/2	4
I.D.	.250	.281	.343	.406	.531	.531	.625	.687	.812	.812	.937	1.062	1.187	1.312	1.562	1.812	2.125
Nom. Thickness	.245	.045	.045	.045	.062	.062	.078	.078	.109	.109	.109	.125	.125	.125	.140	.140	.187

AN960C

Size	O.D.	I.D.	Thick.
C2	.250	.099	1/32
C2L	.250	.099	1/64
C3	.250	.109	1/32
C3L	.250	.109	1/64
C4	.312	.125	1/32
C4L	.312	.125	1/64
C5	.438	.140	3/64
C6	.375	.149	1/32
C6L	.375	.149	1/64
C8	.375	.174	1/32
C8L	.375	.174	1/64
C10	.437	.203	1/16
C10L	.437	.203	1/32
C416	.500	.265	1/16
C416L	.500	.265	1/32
C516	.562	.328	1/16
C516L	.562	.328	1/32
C616	.625	.390	1/16
C616L	.625	.390	1/32
C716	.750	.453	1/16
C716L	.750	.453	1/32
C816	.875	.516	1/16
C816L	.875	.516	1/32
C916	1.062	.578	1/16
C916L	1.062	.578	1/32
C1016	1.167	.641	1/16
C1016L	1.167	.641	1/32
C1216	1.312	.766	3/32
C1216L	1.312	.766	1/32
C1416	1.500	.890	3/32
C1616	1.750	1.016	3/32

MS15795

Bolt Size	I.D. Inches	O.D. Inches	Thickness Max.	Thickness Min.	Dash No.
0	.978	.187	.025	.016	-801
2	.093	.250	.025	.016	-802
4	.125	.250	.028	.017	-803
4	.125	.312	.040	.025	-804
6	.156	.312	.048	.027	-805
6	.156	.375	.065	.036	-806
8	.187	.375	.065	.036	-807
10	.218	.437	.065	.036	-808
10	.250	.562	.080	.051	-809
1/4	.281	.625	.080	.051	-810
1/4	.312	.750	.080	.051	-811
5/16	.343	.687	.080	.051	-812
5/16	.375	.875	.104	.064	-813
3/8	.406	.812	.080	.051	-814
3/8	.437	1.000	.104	.064	-815
7/16	.468	.921	.080	.051	-816
7/16	.500	1.250	.104	.064	-817
1/2	.531	1.062	.121	.074	-818
1/2	.562	1.375	.132	.086	-819
5/8	.656	1.312	.121	.074	-820
5/8	.687	1.750	.160	.108	-821
3/4	.812	1.500	.160	.108	-822
3/4	.812	2.000	.177	.122	-823
7/8	.937	1.750	.160	.108	-824
7/8	.937	2.250	.192	.136	-825
1	1.062	2.000	.160	.108	-826
1	1.062	2.500	.192	.136	-827
8	.188	.438	.065	.036	-841
10	.219	.500	.065	.036	-842

NAS STAINLESS

Size	0	2	3	3L	4	4L	5	5L	6	6L	8	8L	10	10L	416	416L
O.D.	.099	.149	.180	.180	.209	.209	.238	.238	.267	.267	.304	.304	.354	.354	.468	.468
I.D.	.063	.089	.102	.102	.115	.115	.128	.128	.143	.143	.169	.169	.195	.195	.255	.255
Thickness	.016	.016	.032	.016	.032	.016	.032	.016	.016	.016	.032	.016	.032	.032	.063	.032

FENDER WASHER DIMENSIONS

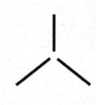
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O.D.	5/8	3/4	11/16	1	11/16	1	1 1/4	1 1/2	1 1/4	1 1/2	1	1 1/4	1 1/2	1 1/2	2	2
I.D.	.149	.174	.203	.203	.281	.281	.281	.281	.343	.343	.046	.406	.531	.531	.531	.812
Nominal Thickness	.031	.040	.045	.045	.045	.045	.045	.062	.045	.061	.045	.045	.062	.062	.062	.125

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MECHANICAL REQUIREMENTS FOR STAINLESS STEEL

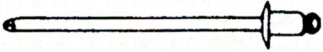
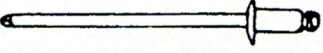
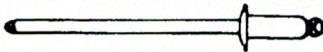
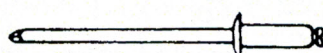
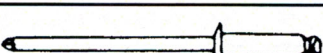
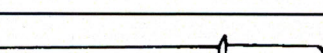
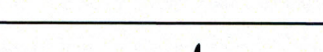

Tensile	Yield	Approx Hardness	Special Characteristics
300 SERIES AUSTENITIC STAINLESS: Accounts for 85%-90% of stainless fasteners; best corrosion resistance of stainless alloys; non-magnetic before cold working; low heat conductivity; good strength at higher temperatures; not hardenable by heat treatment.			
300 80,000-150,000 usual Range. After cold work: 100,000-125,000 typical for 1/4-5/8 dia.; 100,000 typical for 3/4-1" dia.; 80,000-90,000 typical over 1" dia.	40,000 min. After cold work: 80,000-90,000 typical 1/4-5/8 dia.; 45,000-70,000 typical ¾ & over dia.	B85-95	Most common designation for non-magnetic stainless fasteners; encompasses 30 to 40 various mixtures of 301, 302, 303, 304, 305 & XM7
302 90,000-125,000 Typical: 100,000	40,000 min. Typical: 50,000-70,000	B85-95	Higher Carbon content than 302HQ or 304; ductile; often used in wire-type products such as springs, screens, cables; common material for flat washers.
303 90,000-125,000	40,000 min.	B85-95	Good for machineability in products such as large nuts; not for cold forming; higher carbon and sulfur may lower corrosion resistance.
304 85,000-150,000 usual range. After cold work: 125,000 typical for 1/4-5/8 dia.; 100,000 typical for 3/4-1" dia.; 90,000 typical above 1" dia.	40,000 min. After cold work. 90,000 typical for 1/4-5/8 dia.; 50,000-70,000 typical for ¾ & over dia.	B85-95	Most popular stainless for hex head cap screws; also frequently used for flat washers.
304L Slightly lower than 304 due to lower carbon content	Slight lower than 304 due to lower carbon content.	B85-95	Low carbon increases corrosion resistance and welding capacity.
316 85,000-140,000 usual range. After cold work: 120,000 typical for 1/4-5/8 dia.; 95,000 typical for 3/4-1" dia.; 80,000 typical above 1" dia.	40,000 min. After cold work. 80,000-90,000 typical for 1/4-5/8 dia.; 50,000-70,000 typical for ¾ and over dia.	B85-95	Addition of molybdenum increases corrosion resistance to chloride and sulfides.
PRECIPITATION HARDENED STAINLESS, MONEL, AND ALUMINUM			
400 SERIES MARTENSITIC STAINLESS: About 5% of stainless fasteners; magnetic; no nickel and high carbon content mean the lowest corrosion resistance among the different types of stainless.			
410 180,000 heat treated	150,000 heat treated	C34	Higher carbon content gives strength; most popular of the grades with 12% chrome; used in highly stressed conditions.
Monel 400 80,000-125,000	40,000-70,000	B70	Commonly used nickel-copper alloy for cold forming; excellent corrosion resistance in heat and salt water.
Alum 2024 60,000 heat treated	50,000 heat treated	B60 heat treated	Most popular for aluminum alloys; needs heat treatment for strength.
BRASS AND BRONZE			
651 70,000-80,000	35,000-45,000	B70-B75	Generally used for hex head cap screws.
655	See Bronze 651		Used for hot forged fasteners.

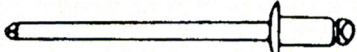
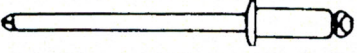
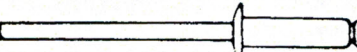
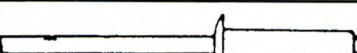
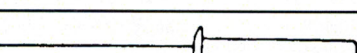
MECHANICAL REQUIREMENTS FOR CARBON STEEL EXTERNALLY THREADED FASTENERS

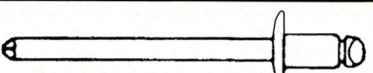
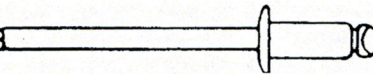
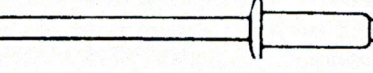
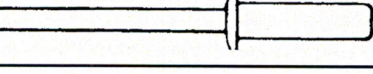
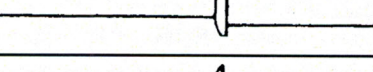
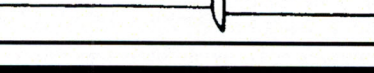
Grade Designation	Nominal Size of Product Inches	Material and Treatment	Mechanical Requirements						Grade Identification Marking	
			Proof Load Stress ksi	Yield Strength ksi Min	Tensile Strength ksi Min	Product, Hardness, Rockwell				
						Surface Max	Core			
Min	Max	Min	Max	Max						
A307 Gr. A	1/4 to 4	Low or medium carbon steel	--	--	60	--	B69	B100	None Specified	
A 307 Gr. B	1/4 to 4		--	--	60 MIN. 100 MAX	--	B69	B95		
SAE Gr. 2	1/4 to 3/4	Low or medium carbon steel, cold worked	55	57	74	--	B80	B100	None Specified	
SAE Gr. 5	1/4 to 1 1 1/8 to 1 ½	Medium carbon steel; the product is quenched and tempered	85 74	82 81	120 105	30N54 30N50	C25 C19	C34 C30		
A449 Type 1	1/4 to 1 1 1/8 to 1 1/2 1 3/4 to 3		85 74 55	92 81 58	120 105 90	-- -- --	C25 C19 B91	C34 C30 B100		
A325 Type 1	1/2 to 1 1 1/8 to 1 1/2		85 74	92 81	120 105	-- --	C24 C19	C35 C31		A325
SAE Gr. 8	1/4 to 1 1/2		Alloy steel, the product is quenched and tempered	120	130	150	30N58.6	C33		C39
A354 Gr. BD	1/4 to 2 ½ 2 3/4 to 4	120 105		130 115	150 140	-- --	C33 C31	C39 C38		
A490 Type 1	½ to 1 1/2	120		130	150 MIN 170 MAX	-- --	C33	C38	A490	
See Note: 1,4										

RIVET CHART

SHOWN APPROXIMATE SIZE

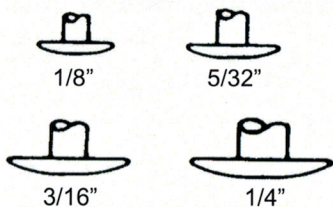
1/8" RIVET DIAMETER Use in .129 - .133 hole (#30 Drill)	DIAM. And GRIP	GRIP RANGE
	-41	Up to .062
	-42	.063 .125
	-43	.126 .187
	-44	.188 .250
	-45	.251 .312
	-46	.313 .375
	-48	.438 .500
	-410	.563 .625

5/32" RIVET DIAMETER Use in .160 - .164 hole (#20 Drill)	DIAM. And GRIP	GRIP RANGE
	-52	.063 .125
	-54	.126 .250
	-56	.251 .375
	-58	.376 .500
	-510	.501 .625

3/16" RIVET DIAMETER Use in .192 - .196 hole (#11 Drill)	DIAM. And GRIP	GRIP RANGE
	-62	.063 .125
	-64	.126 .250
	-66	.251 .375
	-68	.376 .500
	-610	.501 .625
	-612	.626 .750

In addition to the regular dome heads shown here, many of these rivets are also available with countersunk heads for flush applications or with large heads for greater bearing surface on soft or brittle material.

The rivet bodies remain the same diameter and lengths but the large heads are as follows.



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