

User activities
NAVY MCReview activities
ARMY - AR, MI
DLA - IS
NSThis military standard is approved for use by all Departments
& Agencies of the Department of Defense. Selection for all new
engineering and design applications and for repetitive use shall
be made from this document, when applicable.

FED SUP CLASS 5315									
A			B	C		E	RECOMMENDED HOLE SIZE		APPROX WEIGHT LBS PER 100
NOMINAL	MAXIMUM (GO RING GAGE)	MIN AVERAGE DIA ($D_1 + D_2 + D_3$) $1/3$	MAX	MIN	MAX	STOCK THICKNESS	MIN	MAX	
.062	.069	.066	.059	.007	.028	.012	.062	.065	L x .049
.078	.086	.083	.075	.008	.032	.018	.078	.081	L x .092
.094	.103	.099	.091	.008	.038	.022	.094	.097	L x .140
.125	.135	.131	.122	.008	.044	.028	.125	.129	L x .240
.156	.167	.162	.151	.010	.048	.032	.156	.160	L x .340
.188	.199	.194	.182	.011	.055	.040	.187	.192	L x .510
.219	.232	.226	.214	.011	.065	.048	.219	.224	L x .700
.250	.264	.258	.245	.012	.085	.048	.250	.256	L x .850
.312	.328	.321	.306	.014	.080	.062	.312	.318	L x 1.30
.375	.392	.385	.368	.016	.095	.077	.375	.382	L x 1.90
.438	.456	.448	.430	.017	.095	.077	.437	.445	L x 2.40
.500	.521	.513	.485	.025	.110	.094	.500	.510	L x 3.20

NOTES:

1. MATERIAL CORROSION RESISTANT STEEL AMS 5506.
2. SURFACE ROUGHNESS AS 291
3. MANUFACTURING SPECIFICATION AMS 7207.
4. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED
5. DIMENSIONS IN INCHES
6. SEE SHEET 2 FOR PART NUMBER.
7. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS OR REQUEST FOR PROPOSAL
8. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN

C, Denotes Changes

P A II		TITLE		MILITARY STANDARD	
Other Cust	AS	PIN SPRING, CORROSION RESISTANT STEEL		MS 171401 THRU 171900	
PROCUREMENT SPECIFICATION		SUPERSEDES		SHEET 1 OF 5	
NONE		MS9047 AND MS9048		C	

DD FORM 672-1 (COPIED FROM)

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5315 0331

APPROVED 15 MAY 53 REVISED (A) 2 MAR 64 (B) 4 AUG 65 (C) 3 NOV 80

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Review activities
ARMY - AR, MG
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U of activities
NAVY - MC

LENGTH		NOMINAL DIAMETER										PRO SUP CLASS	
		063	078	094	125	156	188	219	250	312	375	418	500
135 - 015	MS171430												
188 - 015	MS171431												
250 - 015	MS171432	MS171463	MS171462	MS171492	MS171522	MS171553	MS171583						
312 - 015	MS171433	MS171463	MS171463	MS171493	MS171523	MS171554	MS171584	MS171614	MS171644				
375 - 015	MS171434	MS171464	MS171464	MS171494	MS171524	MS171555	MS171585	MS171615	MS171645				
438 - 015	MS171435	MS171465	MS171465	MS171495	MS171525	MS171556	MS171586	MS171616	MS171646				
500 - 015	MS171436	MS171466	MS171466	MS171496	MS171526	MS171557	MS171587	MS171617	MS171647	MS171677	MS171707		
562 - 015	MS171437	MS171467	MS171467	MS171497	MS171527	MS171558	MS171588	MS171618	MS171648	MS171678	MS171708		
625 - 015	MS171438	MS171468	MS171468	MS171498	MS171528	MS171559	MS171589	MS171619	MS171649	MS171679	MS171709		
688 - 015	MS171439	MS171469	MS171469	MS171499	MS171529	MS171560	MS171590	MS171620	MS171650	MS171680	MS171710		
750 - 015	MS171440	MS171470	MS171470	MS171500	MS171530	MS171561	MS171591	MS171621	MS171651	MS171681	MS171711		
812 - 015	MS171441	MS171471	MS171471	MS171501	MS171531	MS171562	MS171592	MS171622	MS171652	MS171682	MS171712		
875 - 015	MS171442	MS171472	MS171472	MS171502	MS171532	MS171563	MS171593	MS171623	MS171653	MS171683	MS171713		
938 - 015	MS171443	MS171473	MS171473	MS171503	MS171533	MS171564	MS171594	MS171624	MS171654	MS171684	MS171714	MS171744	
1 000 - 015	MS171444	MS171474	MS171474	MS171504	MS171534	MS171565	MS171595	MS171625	MS171655	MS171685	MS171715	MS171745	
1 125 - 020	MS171445	MS171475	MS171475	MS171505	MS171535	MS171566	MS171596	MS171626	MS171656	MS171686	MS171716	MS171746	MS171776
1 250 - 020		MS171476	MS171476	MS171506	MS171536	MS171567	MS171597	MS171627	MS171657	MS171687	MS171717	MS171747	MS171777
1 375 - 020		MS171477	MS171477	MS171507	MS171537	MS171568	MS171598	MS171628	MS171658	MS171688	MS171718	MS171748	MS171778
1 500 - 020		MS171478	MS171478	MS171508	MS171538	MS171569	MS171599	MS171629	MS171659	MS171689	MS171719	MS171749	MS171779
1 625 - 020		MS171479	MS171479	MS171509	MS171539	MS171570	MS171600	MS171630	MS171660	MS171690	MS171720	MS171750	MS171780
1 750 - 020		MS171480	MS171480	MS171510	MS171540	MS171571	MS171601	MS171631	MS171661	MS171691	MS171721	MS171751	MS171781
1 875 - 020		MS171481	MS171481	MS171511	MS171541	MS171572	MS171602	MS171632	MS171662	MS171692	MS171722	MS171752	MS171782
2 000 - 020		MS171482	MS171482	MS171512	MS171542	MS171573	MS171603	MS171633	MS171663	MS171693	MS171723	MS171753	MS171783
2 250 - 025						MS171574	MS171604	MS171634	MS171664	MS171694	MS171724	MS171754	MS171784
2 500 - 025							MS171605	MS171635	MS171665	MS171695	MS171725	MS171755	MS171785
2 750 - 025							MS171606	MS171636	MS171666	MS171696	MS171726	MS171756	MS171786
3 000 - 025							MS171607	MS171637	MS171667	MS171697	MS171727	MS171757	MS171787
3 250 - 030							MS171608	MS171638	MS171668	MS171698	MS171728	MS171758	MS171788
3 500 - 030										MS171699	MS171729	MS171759	MS171789
3 750 - 030										MS171700	MS171730	MS171760	MS171790
4 000 - 030													

PART NUMBERS WITHIN ENVELOPE ARE THOSE CARRIED IN STOCK BY INDUSTRY. AVAILABILITY OF PART NUMBERS OUTSIDE THE ENVELOPE SHOULD BE CHECKED BEFORE SPECIFYING.

DO NOT USE UNASSIGNED PART NUMBERS

APPROVED 15 MAY 53

C FOR CHANGES SEE SHEETS 1, 2, 3, 4, AND 5

DD FORM 672-1

5315 0331

MILITARY STANDARD

MS 171401
THRU
171900

FOR SPRING CORROSION RESISTANT STEEL

MS9047 AND MS9048

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MS9047 AND MS9048 DASH NUMBERS		SUPERSEDDING PART NUMBER	MS9047 AND MS9048 DASH NUMBERS		SUPERSEDDING PART NUMBER
002		MS171431	080		MS171507
003		MS171432	081		MS171508
004		MS171433	082		MS171509
005		MS171434	083		MS171510
006		MS171435	084		MS171511
007		MS171436	085		MS171512
008		MS171437	096		MS171522
009		MS171438	097		MS171523
010		MS171439	098		MS171524
011		MS171440	099		MS171525
012		MS171441	100		MS171526
013		MS171442	101		MS171527
014		MS171443	102		MS171528
015		MS171444	103		MS171529
016		MS171445	104		MS171530
034		MS171462	105		MS171531
035		MS171463	106		MS171532
036		MS171464	107		MS171533
037		MS171465	108		MS171534
038		MS171466	109		MS171535
039		MS171467	110		MS171536
040		MS171468	111		MS171537
041		MS171469	112		MS171538
042		MS171470	113		MS171539
043		MS171471	114		MS171540
044		MS171472	115		MS171541
045		MS171473	116		MS171542
046		MS171474	128		MS171553
047		MS171475	129		MS171554
048		MS171476	130		MS171555
049		MS171477	131		MS171556
050		MS171478	132		MS171557
051		MS171479	133		MS171558
052		MS171480	134		MS171559
053		MS171481	135		MS171560
054		MS171482	136		MS171561
065		MS171492	137		MS171562
066		MS171493	138		MS171563
067		MS171494	139		MS171564
068		MS171495	140		MS171565
069		MS171496	141		MS171566
070		MS171497	142		MS171567
071		MS171498	143		MS171568
072		MS171499	144		MS171569
073		MS171500	145		MS171570
074		MS171501	146		MS171571
075		MS171502	147		MS171572
076		MS171503	148		MS171573
077		MS171504	149		MS171574
078		MS171505			
079		MS171506			

FED SUP CLASS
5315

C) FOR CHANGES SEE SHEETS 1, 2, 3 & 4 AND 5

APPROVED 15 MAY 53

P. A. 11 Other Cont. AR	TITLE PIN - SPRING CORROSION RESISTANT STEEL	MILITARY STANDARD MS 171401 THRU 171900
PROCUREMENT SPECIFICATION NONE	SUPERSEDES MS9047 AND MS9048 C	SHEET 3 OF 5

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5315-0331

FED. SUP. CLASS
C310

INTERCHANGEABILITY TABLE (CONTINUED)

MS9047 AND MS9048 DASH NUMBERS	SUPERSEDING PART NUMBERS	MS9047 AND MS9048 DASH NUMBERS	SUPERSEDING PART NUMBERS
159	MS171583	222	MS171644
160	MS171584	223	MS171645
161	MS171585	224	MS171646
162	MS171586	225	MS171647
163	MS171587	226	MS171648
164	MS171588	227	MS171649
165	MS171589	228	MS171650
166	MS171590	229	MS171651
167	MS171591	230	MS171652
168	MS171592	231	MS171653
169	MS171593	232	MS171654
170	MS171594	233	MS171655
171	MS171595	234	MS171656
172	MS171596	235	MS171657
173	MS171597	236	MS171658
174	MS171598	237	MS171659
175	MS171599	238	MS171660
176	MS171600	239	MS171661
177	MS171601	240	MS171662
178	MS171602	241	MS171663
179	MS171603	242	MS171664
180	MS171604	243	MS171665
181	MS171605	244	MS171666
182	MS171606	245	MS171667
183	MS171607	246	MS171668
184	MS171608	256	MS171677
191	MS171614	257	MS171678
192	MS171615	258	MS171679
193	MS171616	259	MS171680
194	MS171617	260	MS171681
195	MS171618	261	MS171682
196	MS171619	262	MS171683
197	MS171620	263	MS171684
198	MS171621	264	MS171685
199	MS171622	265	MS171686
200	MS171623	266	MS171687
201	MS171624	267	MS171688
202	MS171625	268	MS171689
203	MS171626	269	MS171690
204	MS171627	270	MS171691
205	MS171628	271	MS171692
206	MS171629	272	MS171693
207	MS171630	273	MS171694
208	MS171631	274	MS171695
209	MS171632	275	MS171696
210	MS171633	276	MS171697
211	MS171634	277	MS171698
212	MS171635	278	MS171699
213	MS171636	279	MS171700
214	MS171637		
215	MS171638		

(C. FOR CHANGES SEE SHEETS 1, 2, 3, 4 AND 5)

APPROVED 15 MAY 53

P. A. 11 Other Cont. AS	TITLE PIN-SPRING, CORROSION RESISTANT STEEL	MILITARY STANDARD MS 171401 THRU 171900
PROCUREMENT SPECIFICATION NONE	SUPERSEDES MS9047 AND MS9048 C	SHEET 4 OF 5

DD FORM 17, 672-1 (Continued)

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5315

INTERCHANGEABILITY TABLE (CONTINUED)

MS9047 AND MS9048 DASH NUMBERS	SUPERSEDDING PART NUMBER	MS9047 AND MS9048 DASH NUMBERS	SUPERSEDDING PART NUMBER
287	MS171707	368	MS171786
288	MS171708	369	MS171787
289	MS171709	370	MS171788
290	MS171710	371	MS171789
291	MS171711	372	MS171790
292	MS171712		
293	MS171713		
294	MS171714		
295	MS171715		
296	MS171716		
297	MS171717		
298	MS171718		
299	MS171719		
300	MS171720		
301	MS171721		
302	MS171722		
303	MS171723		
304	MS171724		
305	MS171725		
306	MS171726		
307	MS171727		
308	MS171728		
309	MS171729		
310	MS171730		
325	MS171744		
326	MS171745		
327	MS171746		
328	MS171747		
329	MS171748		
330	MS171749		
331	MS171750		
332	MS171751		
333	MS171752		
334	MS171753		
335	MS171754		
336	MS171755		
337	MS171756		
338	MS171757		
339	MS171758		
340	MS171759		
341	MS171760		
358	MS171776		
359	MS171777		
360	MS171778		
361	MS171779		
362	MS171780		
363	MS171781		
364	MS171782		
365	MS171783		
366	MS171784		
367	MS171785		

* U.S. GOVERNMENT PRINTING OFFICE 1980 - 703 023/4749

C FOR CHANGES SEE SHEETS 1, 2, 3 & 4 AND 5

APPROVED 12 MAY 53

User activities
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P.A. 11 Other Code AS	TITLE PIN-SPRING CORROSION RESISTANT STEEL	MILITARY STANDARD MS 171401 THRU 171900
PRELIMINARY SPECIFICATION NONE	SUPersedes MS9047 AND MS9048	SHEET 5 OF 5

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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