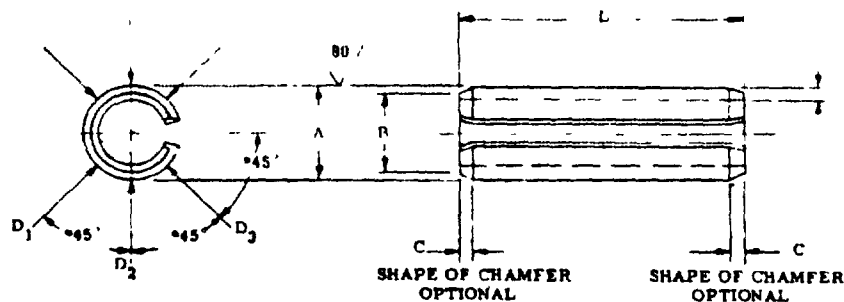


User activities  
NAVY MCReview activities  
ARMY - AR, MI  
DLA - IS  
NSFED SUP CLASS  
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\*APPROX

NOMINAL	MAXIMUM (GO RING GAGE)	MIN AVERAGE DIA (D <sub>1</sub> +D <sub>2</sub> +D <sub>3</sub> )/3	B MAX	C		E STOCK THICKNESS	RECOMMENDED HOLE SIZE		APPROX WEIGHT LBS PER 100
				MIN	MAX		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	133	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	256	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 5606.

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.

(C) 7 REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS OR REQUEST FOR PROPOSAL

(C) 8. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN

C, Denotes Changes

P A II		TITLE		MILITARY STANDARD	
Order Cust	AS	PIN SPRING, CORROSION RESISTANT STEEL		MS 171401 THRU 171900	
PROCUREMENT SPECIFICATION	SUPERSEDES	MS9047 AND MS9048		SHEET 1 OF 5	
NONF		C		J315 0331	

DD FORM 672-1 (Coord. Notes)

PREPARED BY: 1000 0000000000

J315 0331

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

This military standard is approved for use by all Departments &amp; 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.

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NOMINAL DIAMETER												
LENGTH	.042	.078	.094	.125	.156	.188	.219	.250	.312	.375	.438	.500
.125 .015	MS171430											
.188 .015	MS171431											
.250 .015	MS171432	MS171463	MS171492	MS171522								
.312 .015	MS171433	MS171463	MS171493	MS171523	MS171553	MS171583	MS171614	MS171644				
.375 .015	MS171434	MS171464	MS171494	MS171524	MS171554	MS171584	MS171615	MS171645				
.438 .015	MS171435	MS171465	MS171495	MS171525	MS171555	MS171585	MS171616	MS171646				
.500 .015	MS171436	MS171466	MS171496	MS171526	MS171556	MS171586	MS171617	MS171647	MS171677	MS171707		
.562 .015	MS171437	MS171467	MS171497	MS171527	MS171557	MS171587	MS171618	MS171648	MS171678	MS171708		
.625 .015	MS171438	MS171468	MS171498	MS171528	MS171558	MS171588	MS171619	MS171649	MS171679	MS171709		
.688 .015	MS171439	MS171469	MS171499	MS171529	MS171559	MS171589	MS171620	MS171650	MS171680	MS171710		
.750 .015	MS171440	MS171470	MS171500	MS171530	MS171560	MS171590	MS171621	MS171651	MS171681	MS171711		
.812 .015	MS171441	MS171471	MS171501	MS171531	MS171561	MS171591	MS171622	MS171652	MS171682	MS171712		
.875 .015	MS171442	MS171472	MS171502	MS171532	MS171562	MS171592	MS171623	MS171653	MS171683	MS171713		
.938 .015	MS171443	MS171473	MS171503	MS171533	MS171563	MS171593	MS171624	MS171654	MS171684	MS171714	MS171744	
1.000 .015	MS171444	MS171474	MS171504	MS171534	MS171564	MS171594	MS171625	MS171655	MS171685	MS171715	MS171745	
1.125 .020	MS171445	MS171475	MS171505	MS171535	MS171565	MS171595	MS171626	MS171656	MS171686	MS171716	MS171746	
1.250 .020		MS171476	MS171506	MS171536	MS171566	MS171596	MS171627	MS171657	MS171687	MS171717	MS171747	
1.375 .020		MS171477	MS171507	MS171537	MS171567	MS171597	MS171628	MS171658	MS171688	MS171718	MS171748	
1.500 .020		MS171478	MS171508	MS171538	MS171568	MS171598	MS171629	MS171659	MS171689	MS171719	MS171749	
1.625 .020		MS171479	MS171509	MS171539	MS171569	MS171599	MS171630	MS171660	MS171690	MS171720	MS171750	
1.750 .020		MS171480	MS171510	MS171540	MS171570	MS171600	MS171631	MS171661	MS171691	MS171721	MS171751	
1.875 .020		MS171481	MS171511	MS171541	MS171571	MS171601	MS171632	MS171662	MS171692	MS171722	MS171752	
2.000 .020		MS171482	MS171512	MS171542	MS171572	MS171602	MS171633	MS171663	MS171693	MS171723	MS171753	
2.250 .025					MS171573	MS171603	MS171634	MS171664	MS171694	MS171724	MS171754	
2.500 .025					MS171574	MS171604	MS171635	MS171665	MS171695	MS171725	MS171755	
2.750 .025						MS171605	MS171636	MS171666	MS171696	MS171726	MS171756	
3.000 .025						MS171607	MS171637	MS171667	MS171697	MS171727	MS171757	
3.250 .030						MS171608	MS171638	MS171668	MS171698	MS171728	MS171758	
3.500 .030									MS171699	MS171729	MS171759	
3.750 .030									MS171700	MS171730	MS171760	
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## INTERCHANGEABILITY TABLE

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		

Level activities  
NAVY MCReview activities  
ARMY - AR, MI  
DLA - IS  
NSThis military standard is approved for use by all Departments  
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P. A. 11	TITLE	MILITARY STANDARD
Other Code AS	PIN - SPRING CORROSION RESISTANT STEEL	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

5315-0131

APPROVED 15 MAY 53 C) FOR CHANGES SEE SHEETS 1, 2, 3, 4 AND 5

User activities:

Review activities:  
ARMY - AR, MI  
NAVY - NO  
DLA - IS  
NSFED SUP CLASS  
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## 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

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P.A. 11 Other Code 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 672-1 (Continued)

PREVIOUS EDITIONS OF THIS STANDARD OBSOLETE

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FED SUP CLASS  
5315User activities  
NAVY - MCReview activities  
ARMY - AR, MI  
DLA - IS  
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## INTERCHANGABILITY 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

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P A 11 Other Code AS	TITLE PIN-SPRING CORROSION RESISTANT STEEL	MILITARY STANDARD MS 171401 THRU 171900
PROCUREMENT SPECIFICATION NONE	APPROVED BY MS9047 AND MS9048	SHEET 5 OF 5

DD FORM 672-1 (Continued)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

F 5 1 71

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

APPROVED 15 MAY 53