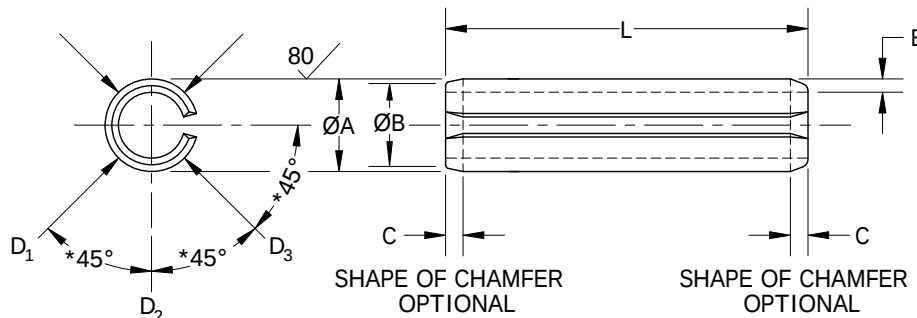


FED. SUPPLY CLASS

5315



*APPROX

TABLE I – DIMENSIONS

NOMINAL	ØA		ØB MAX	C		E STOCK THICKNESS	RECOMMENDED HOLE SIZE		APPROX WEIGHT LBS/100
	MAXIMUM (GO RING GAGE)	MIN AVERAGE DIA (D ₁ +D ₂ +D ₃)/3		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	.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	.065	.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

MATERIAL:

CRES 420 (UNS S42000) PER AMS5506.

NOTES:

- (1) SURFACE ROUGHNESS: AS291.
- (2) BREAK SHARP EDGES: .003-.015 UNLESS OTHERWISE SPECIFIED.
- (3) DIMENSIONS IN INCHES.

③ COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS171401 THRU 171900, REVISION C. PART NUMBERS REMAIN MS171401 THRU 171900

THIRD ANGLE PROJECTION		CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
PROCUREMENT SPECIFICATION AS7207		TITLE PIN, SPRING, CORROSION RESISTANT STEEL ③	CLASSIFICATION PART STANDARD
			NASM171401 THRU NASM171900 SHEET 1 OF 5

- (4) SEE TABLE II FOR PART NUMBER.
- (5) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (6) FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- (7) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (8) SURFACE TEXTURE SHALL BE IN ACCORDANCE WITH ASME B46.1 AND SURFACE TEXTURE SYMBOLS SHALL BE IN ACCORDANCE WITH ASME Y14.36M.
- /9/ PART NUMBERS WITHIN ENVELOPE ARE THOSE CARRIED IN STOCK BY INDUSTRY. AVAILABILITY OF PART NUMBERS OUTSIDE THE ENVELOPE SHOULD BE CHECKED BEFORE SPECIFYING.
- /10/ DO NOT USE UNASSIGNED PART NUMBERS.
- (11) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

TABLE II – PART NUMBERS AND DIMENSIONS /9/ /10/

LENGTH	NOMINAL DIAMETER											
	.062	.078	.094	.125	.156	.188	.219	.250	.312	.375	.438	.500
.125±.015	MS171430											
.188±.015	MS171431											
.250±.015	MS171432	MS171462	MS171492	MS171522								
.312±.015	MS171433	MS171463	MS171493	MS171523	MS171553	MS171583						
.375±.015	MS171434	MS171464	MS171494	MS171524	MS171554	MS171584	MS171614	MS171644				
.438±.015	MS171435	MS171465	MS171495	MS171525	MS171555	MS171585	MS171615	MS171645				
.500±.015	MS171436	MS171466	MS171496	MS171526	MS171556	MS171586	MS171616	MS171646				
.562±.015	MS171437	MS171467	MS171497	MS171527	MS171557	MS171587	MS171617	MS171647	MS171677	MS171707		
.625±.015	MS171438	MS171468	MS171498	MS171528	MS171558	MS171588	MS171618	MS171648	MS171678	MS171708		
.688±.015	MS171439	MS171469	MS171499	MS171529	MS171559	MS171589	MS171619	MS171649	MS171679	MS171709		
.750±.015	MS171440	MS171470	MS171500	MS171530	MS171560	MS171590	MS171620	MS171650	MS171680	MS171710		
.812±.015	MS171441	MS171471	MS171501	MS171531	MS171561	MS171591	MS171621	MS171651	MS171681	MS171711		
.875±.015	MS171442	MS171472	MS171502	MS171532	MS171562	MS171592	MS171622	MS171652	MS171682	MS171712		
.938±.015	MS171443	MS171473	MS171503	MS171533	MS171563	MS171593	MS171623	MS171653	MS171683	MS171713		
1.000±.015	MS171444	MS171474	MS171504	MS171534	MS171564	MS171594	MS171624	MS171654	MS171684	MS171714	MS171744	
1.125±.020	MS171445	MS171475	MS171505	MS171535	MS171565	MS171595	MS171625	MS171655	MS171685	MS171715	MS171745	
1.250±.020		MS171476	MS171506	MS171536	MS171566	MS171596	MS171626	MS171656	MS171686	MS171716	MS171746	MS171776
1.375±.020		MS171477	MS171507	MS171537	MS171567	MS171597	MS171627	MS171657	MS171687	MS171717	MS171747	MS171777
1.500±.020		MS171478	MS171508	MS171538	MS171568	MS171598	MS171628	MS171658	MS171688	MS171718	MS171748	MS171778
1.625±.020		MS171479	MS171509	MS171539	MS171569	MS171599	MS171629	MS171659	MS171689	MS171719	MS171749	MS171779
1.750±.020		MS171480	MS171510	MS171540	MS171570	MS171600	MS171630	MS171660	MS171690	MS171720	MS171750	MS171780
1.875±.020		MS171481	MS171511	MS171541	MS171571	MS171601	MS171631	MS171661	MS171691	MS171721	MS171751	MS171781
2.000±.020		MS171482	MS171512	MS171542	MS171572	MS171602	MS171632	MS171662	MS171692	MS171722	MS171752	MS171782
2.250±.025					MS171573	MS171603	MS171633	MS171663	MS171693	MS171723	MS171753	MS171783
2.500±.025					MS171574	MS171604	MS171634	MS171664	MS171694	MS171724	MS171754	MS171784
2.750±.025						MS171605	MS171635	MS171665	MS171695	MS171725	MS171755	MS171785
3.000±.025						MS171606	MS171636	MS171666	MS171696	MS171726	MS171756	MS171786
3.250±.030						MS171607	MS171637	MS171667	MS171697	MS171727	MS171757	MS171787
3.500±.030						MS171608	MS171638	MS171668	MS171698	MS171728	MS171758	MS171788
3.750±.030										MS171699	MS171729	MS171759
4.000±.030										MS171700	MS171730	MS171760

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ASME Y14.5M-1982
THRU NASM171900

SHEET 2



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