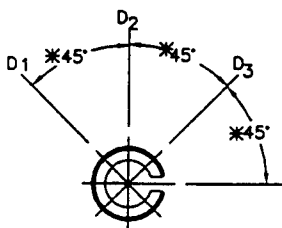




FED SUP CLASS  
5315



\* APPROXIMATE  
MIN AVERAGE DIA  
 $= \frac{D_1 + D_2 + D_3}{3}$

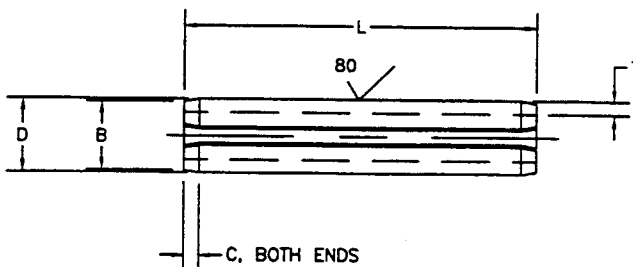
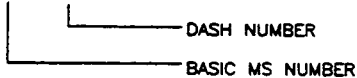


TABLE I

NOM SIZE	D DIA		C CHAMFER		B CHAMFER DIA	T WALL THICKNESS NOM	DOUBLE SHEAR STRENGTH LBS-MIN	RECOMMENDED HOLE SIZE	
	MAX	MIN AVG	MAX	MIN	MAX	MAX		MAX	MIN
.062	.069	.066	.026	.007	.059	.012	425	.065	.062
.078	.086	.083	.032	.008	.075	.018	650	.081	.078
.094	.103	.099	.038	.008	.091	.022	1,000	.097	.094
.125	.135	.131	.044	.008	.122	.028	2,100	.129	.125
.156	.167	.162	.048	.010	.151	.032	3,000	.160	.156
.188	.199	.194	.055	.011	.182	.040	4,400	.192	.187
.219	.232	.226	.065	.011	.214	.048	5,700	.224	.219
.250	.264	.258	.065	.012	.245	.048	7,700	.256	.250
.312	.328	.321	.080	.014	.306	.062	11,500	.318	.312
.375	.392	.385	.095	.016	.365	.077	17,600	.382	.375
.438	.456	.448	.095	.017	.430	.077	20,000	.445	.437
.500	.521	.513	.110	.025	.485	.094	25,800	.510	.500

REQUIREMENTS:

- MATERIAL: STEEL, CARBON, GRADES 1070 THRU 1095 ( UNS G10700 THRU G10950) IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.  
STEEL, CORROSION-RESISTANT, TYPES 410(UNS S41000) AND 420(UNS S42000) IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
- SURFACE ROUGHNESS: SURFACE ROUGHNESS SHALL BE IN ACCORDANCE WITH ANSI B46.1 BEFORE MEETING PROTECTIVE COATING AND SURFACE TREATMENT REQUIREMENT.
- PROTECTIVE COATING AND SURFACE TREATMENT:  
CARBON STEEL-CADMIUM PLATED IN ACCORDANCE WITH QQ-P-416, TYPE II, CLASS 2.  
PHOSPHATE COATED IN ACCORDANCE WITH DOD-P-16232, TYPE Z, CLASS 2.  
CORROSION-RESISTANT STEEL-CLEANED, DESCALED AND PASSIVATED IN ACCORDANCE WITH ASTM A380.
- HARDNESS: CARBON STEEL-46 TO 53 HRC.  
CORROSION-RESISTANT STEEL-43 TO 52 HRC.
- PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE II.  
EXAMPLE: MS16562-1



MS16562-1 = PIN, SPRING-TUBULAR, SLOTTED, .062 NOMINAL SIZE, .188 LENGTH, CARBON STEEL, CADMIUM PLATED.



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LIST OF CURRENT SHEETS

NO.	REV
1	NEW
2	NEW

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS16562, REVISION C. PART NUMBERS REMAIN MS16562.

CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE		THIRD ANGLE PROJECTION
PROCUREMENT SPECIFICATION	TITLE	CLASSIFICATION
MIL-P-10971	PIN, SPRING-TUBULAR, SLOTTED	PART STANDARD
		NASM16562
		SHEET 1 OF 2

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APPROVAL DATE OCT 1998 REVISION



NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
3. REFERENCED GOVERNMENT (OR NONGOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DoD ISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

TABLE II

L LENGTH	TOL.	CARBON STEEL		CORROSION RESISTANT STEEL
		CADMIUM PLATED	PHOSPHATE COATED	
		DASH NO.	DASH NO.	
.062 NOMINAL SIZE				
.188	±.015	1	95	189
.250		2	96	190
.312		3	97	191
.375		4	98	192
.438		5	99	193
.500		6	100	194
.562		7	101	195
.625		8	102	196
.688		9	103	197
.750		10	104	198
.078 NOMINAL SIZE				
.250	±.015	11	105	199
.312		12	106	200
.375		13	107	201
.438		14	108	202
.500		15	109	203
.562		16	110	204
.625		17	111	205
.750		18	112	206
.875		19	113	207
1.000		20	114	208
.094 NOMINAL SIZE				
.250	±.015	21	115	209
.312		22	116	210
.375		23	117	211
.438		24	118	212
.500		25	119	213
.562		26	120	214
.625		27	121	215
.750		28	122	216
.875		29	123	217
1.000		30	124	218
.125 NOMINAL SIZE				
.375	±.015	31	125	219
.438		32	126	220
.500		33	127	221
.562		34	128	222
.625		35	129	223
.750		36	130	224
.875		37	131	225
1.000		38	132	226
1.250		39	133	227
.156 NOMINAL SIZE				
.500	±.015	40	134	228
.625		41	135	229
.750		42	136	230
.875		43	137	231
1.000		44	138	232
1.250		45	139	233

L LENGTH	TOL.	CARBON STEEL		CORROSION RESISTANT STEEL
		CADMIUM PLATED	PHOSPHATE COATED	
		DASH NO.	DASH NO.	
.188 NOMINAL SIZE				
.500	±.015	46	140	234
.625		47	141	235
.750		48	142	236
.875		49	143	237
1.000		50	144	238
1.250	±.020	51	145	239
1.500		52	146	240
1.750		53	147	241
.219 NOMINAL SIZE				
.750	±.015	54	148	242
.875		55	149	243
1.000		56	150	244
1.250	±.020	57	151	245
1.500		58	152	246
1.750		59	153	247
2.000		60	154	248
2.500		61	155	249
.250 NOMINAL SIZE				
.750	±.015	62	156	250
.875		63	157	251
1.000		64	158	252
1.250	±.020	65	159	253
1.500		66	160	254
1.750		67	161	255
2.000		68	162	256
2.500		69	163	257
.312 NOMINAL SIZE				
1.000	±.015	70	164	258
1.250		71	165	259
1.500	±.020	72	166	260
1.750		73	167	261
2.000		74	168	262
2.500	±.025	75	169	263
3.000		76	170	264
.375 NOMINAL SIZE				
1.000	±.015	77	171	265
1.250		78	172	266
1.500		79	173	267
1.750	±.020	80	174	268
2.000		81	175	269
2.500		82	176	270
3.000	±.025	83	177	271
.438 NOMINAL SIZE				
1.250	±.020	84	178	272
1.500		85	179	273
1.750		86	180	274
2.000		87	181	275
2.500		88	182	276
3.000	±.025	89	183	277
.500 NOMINAL SIZE				
1.500	±.020	90	184	278
1.750		91	185	279
2.000	±.025	92	186	280
2.500		93	187	281
3.000		94	188	282

NASM16562  
SHEET 2

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