

FED. SUPPLY CLASS

5315

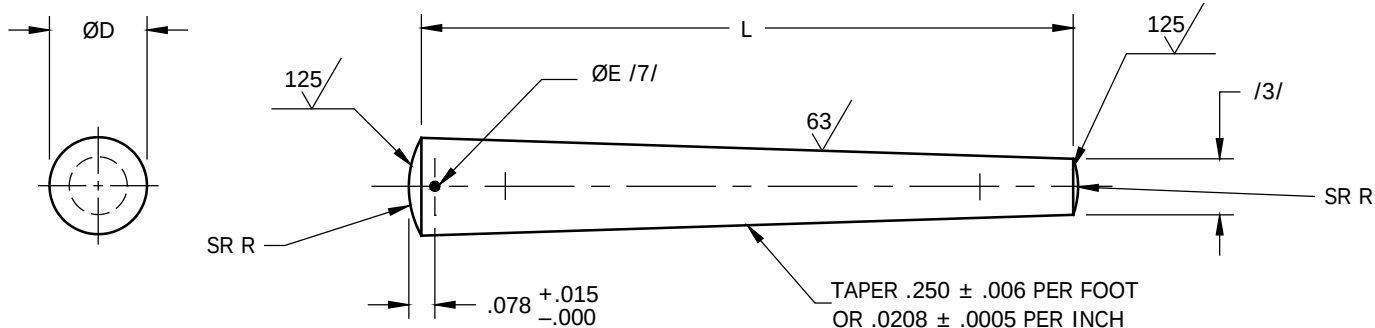


FIGURE 1 - PIN

TABLE I - DASH NUMBERS AND DIMENSIONS

SIZE NO	7/0			6/0			5/0			4/0			3/0			2/0		
DIA NOM	.0625			.0780			.0940			.1090			.1250			.1410		
ØD LARGE MAX	.0638			.0793			.0953			.1103			.1263			.1423		
END MIN	.0618			.0773			.0933			.1083			.1243			.1403		
SR R	.062			.078			.094			.109			.125			.141		
L LENGTH	DASH NUMBER			DASH NUMBER			DASH NUMBER			DASH NUMBER			DASH NUMBER			DASH NUMBER		
	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES
.375	1	2A	3	25	26A	27	49	50A	51	73	74A	75						
.500	4	5A	6	28	29A	30	52	53A	54	76	77A	78	97	98A	99	121	122A	123
.625	7	8A	9	31	32A	33	55	56A	57	79	80A	81	100	101A	102	124	125A	126
.750	10	11A	12	34	35A	36	58	59A	60	82	83A	84	103	104A	105	127	128A	129
.875	13	14A	15	37	38A	39	61	62A	63	85	86A	87	106	107A	108	130	131A	132
1.000	16	17A	18	40	41A	42	64	65A	66	88	89A	90	109	110A	111	133	134A	135
1.250	19	20A	21	43	44A	45	67	68A	69	91	92A	93	112	113A	114	136	137A	138
1.500	22	23A	24	46	47A	48	70	71A	72	94	95A	96	115	116A	117	139	140A	141
1.750													118	119A	120	142	143A	144

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THIRD ANGLE PROJECTION		CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE		REVISION 1	
		TITLE PIN, TAPERED, PLAIN		CLASSIFICATION PART STANDARD NASM24692	
PROCUREMENT SPECIFICATION NASM16610				SHEET 1 OF 7	

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TABLE I – DASH NUMBERS AND DIMENSIONS (CONTINUED)

SIZE NO	0			1			2			3			4			5		
DIA NOM	.1560			.1720			.1930			.2190			.2500			.2890		
ØD LARGE MAX	.1573			.1733			.1943			.2203			.2513			.2903		
END MIN	.1553			.1713			.1923			.2183			.2493			.2883		
SR R	.156			.172			.193			.219			.250			.289		
L LENGTH	DASH NUMBER			DASH NUMBER			DASH NUMBER			DASH NUMBER			DASH NUMBER			DASH NUMBER		
	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES
.500	145	146A	147															
.625	148	149A	150	172	173A	174												
.750	151	152A	153	175	176A	177	208	209A	210	241	242A	243						
.875	154	155A	156	178	179A	180	211	212A	213	244	245A	246						
1.000	157	158A	159	181	182A	183	214	215A	216	247	248A	249	274	275A	276	301	302A	303
1.250	160	161A	162	184	185A	186	217	218A	219	250	251A	252	277	278A	279	304	305A	306
1.500	163	164A	165	187	188A	189	220	221A	222	253	254A	255	280	281A	282	307	308A	309
1.750	166	167A	168	190	191A	192	223	224A	225	256	257A	258	283	284A	285	310	311A	312
2.000	169	170A	171	193	194A	195	226	227A	228	259	260A	261	286	287A	288	313	314A	315
2.250				196	197A	198	229	230A	231	262	263A	264	289	290A	291	316	317A	318
2.500				199	200A	201	232	233A	234	265	266A	267	292	293A	294	319	320A	321
2.750				202	203A	204	235	236A	237	268	269A	270	295	296A	297	322	323A	324
3.000				205	206A	207	238	239A	240	271	272A	273	298	299A	300	325	326A	327

SIZE NO	6			7			8			9			10		
DIA NOM	.3410			.4090			.4920			.5910			.7060		
ØD LARGE MAX	.3423			.4103			.4933			.5923			.7073		
END MIN	.3403			.4083			.4913			.5903			.7053		
SR R	.341			.409			.492			.591			.706		
L LENGTH	DASH NUMBER			DASH NUMBER			DASH NUMBER			DASH NUMBER			DASH NUMBER		
	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES	CAR STL	ALY STL /5/	CRES
1.250	328	329A	330												
1.500	331	332A	333												
1.750	334	335A	336												
2.000	337	338A	339	364	365A	366	391	392A	393						
2.250	340	341A	342	367	368A	369	394	395A	396						
2.500	343	344A	345	370	371A	372	397	398A	399						
2.750	346	347A	348	373	374A	375	400	401A	402	430	431A	432			
3.000	349	350A	351	376	377A	378	403	404A	405	433	434A	435			
3.250	352	353A	354	379	380A	381	406	407A	408	436	437A	438			
3.500	355	356A	357	382	383A	384	409	410A	411	439	440A	441	469	470A	471
3.750	358	359A	360	385	386A	387	412	413A	414	442	443A	444	472	473A	474
4.000	361	362A	363	388	389A	390	415	416A	417	445	446A	447	475	476A	477
4.250							418	419A	420	448	449A	450	478	479A	480
4.500							421	422A	423	451	452A	453	481	482A	483
4.750							424	425A	426	454	455A	456	484	485A	486
5.000							427	428A	429	457	458A	459	487	488A	489
5.250										460	461A	462	490	491A	492
5.500										463	464A	465	493	494A	495
5.750										466	467A	468	496	497A	498
6.000													499	500A	501

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1

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SHEET 2

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MATERIAL:

CARBON STEEL PINS PER ASTM A108 AND SHALL HAVE A MINIMUM ULTIMATE TENSILE STRENGTH OF 55 KSI.

ALLOY STEEL PINS PER ASTM A331 AND ASTM A108 AND SHALL HAVE A MINIMUM ULTIMATE TENSILE STRENGTH OF 125-145 KSI.

CRES PINS PER ASTM A582/A582M AND SHALL HAVE A MINIMUM TENSILE STRENGTH OF 70 KSI.

FINISH:

CARBON AND ALLOY STEEL PINS: WHEN SPECIFIED, CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2 OR AMS-C-81562, TYPE II, CLASS 2.

CRES PINS: CLEANED, DESCALED AND PASSIVATED IN ACCORDANCE WITH ASTM A380.

CODE:

THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER, FOLLOWED BY A DASH NUMBER TAKEN FROM TABLE I AND A LETTER DESIGNATION FOR DRILLED PINS, CADMIUM PLATED PINS OR DRILLED AND CADMIUM PLATED PINS. SEE /7/ FOR DRILLED PIN RESTRICTIONS.

EXAMPLES OF PART NUMBER:

MS24692-1 = PIN, TAPERED, PLAIN; SIZE NUMBER 7/0; Ø.0625; LENGTH .375; CARBON STEEL.

— DASH NUMBER
— BASIC PART NUMBER

MS24692-1 D = PIN, TAPERED, PLAIN; SIZE NUMBER 7/0; Ø.0625; LENGTH .375; CARBON STEEL DRILLED.

— DRILLED
— DASH NUMBER
— BASIC PART NUMBER

MS24692-1 P = PIN, TAPERED, PLAIN; SIZE NUMBER 7/0; Ø.0625; LENGTH .375; CARBON STEEL, CADMIUM PLATED.

— CADMIUM PLATED
— DASH NUMBER
— BASIC PART NUMBER

MS24692-1 D P = PIN, TAPERED, PLAIN; SIZE NUMBER 7/0; Ø.0625; LENGTH .375; CARBON STEEL, DRILLED, CADMIUM PLATED.

— CADMIUM PLATED
— DRILLED
— DASH NUMBER
— BASIC PART NUMBER

REVISION

1

MS24692-1

SHEET 3



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