

FED. SUPPLY CLASS

5315

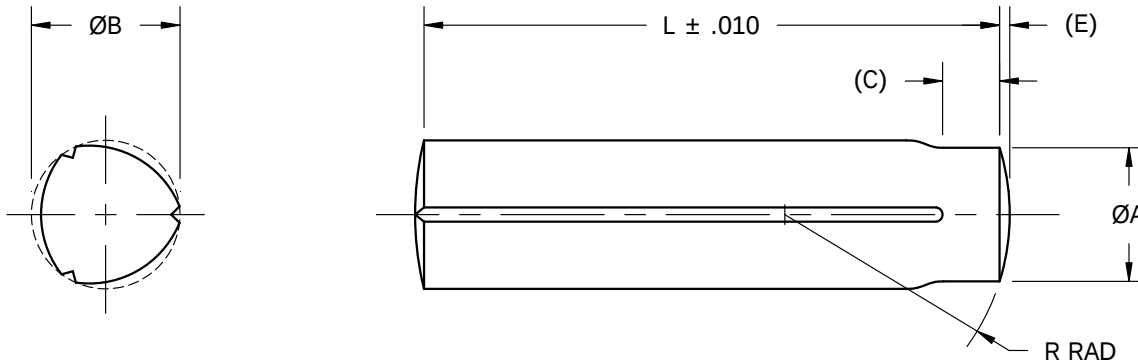


TABLE I – DIMENSIONS

NOMINAL SIZE	ØA		(C) PILOT LENGTH	(E) CROWN HEIGHT /3/	R RADIUS		RECOMMENDED HOLE SIZE		SINGLE SHEAR STRENGTH LBF MIN
	MAX	MIN			MAX	MIN	MAX	MIN	
1/16	.0625	.0615	.0312	.0065	.0891	.0681	.0640	.0625	200
5/64	.0781	.0771	.0312	.0087	.1037	.0837	.0798	.0781	310
3/32	.0938	.0928	.0312	.0091	.1350	.1150	.0956	.0938	440
1/8	.1250	.1230	.0312	.0130	.1662	.1462	.1271	.1250	790
5/32	.1563	.1543	.0625	.0170	.1975	.1775	.1587	.1563	1,230
3/16	.1875	.1855	.0625	.0180	.2600	.2400	.1903	.1875	1,770
7/32	.2188	.2168	.0625	.0220	.2912	.2712	.2219	.2188	2,400
1/4	.2500	.2480	.0625	.0260	.3225	.3025	.2534	.2500	3,140
5/16	.3125	.3105	.0937	.0340	.3850	.3650	.3166	.3125	4,910
3/8	.3750	.3730	.0937	.0390	.4787	.4587	.3797	.3750	7,070
7/16	.4375	.4355	.0937	.0470	.5412	.5212	.4426	.4375	9,620
1/2	.5000	.4990	.0937	.0520	.6350	.6150	.5060	.5000	12,600

MATERIAL:

STEEL, COLD-DRAWN, B1112 OR 1212 (UNS G12120) PER PROCUREMENT SPECIFICATION.

FINISH:

CADMIUM PLATE PER PROCUREMENT SPECIFICATION.

CODE:

THE PART NUMBER CONSISTS OF THE BASIC PART NUMBER PLUS THE DASH NUMBER.

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS35674, REVISION A. PART NUMBERS REMAIN MS35674.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM20700	TITLE PIN, GROOVED, HEADLESS, LONGITUDINAL STRAIGHT GROOVE, CARBON STEEL	CLASSIFICATION PART STANDARD
		NASM35674 SHEET 1 OF 2

EXAMPLE OF PART NUMBER:

MS35674-1

NOTES:

- (1) DASH NUMBERS FOR CADMIUM PLATED PINS AS SHOWN ON THIS REVISED STANDARD ARE THE SAME AS THE DASH NUMBER FOR THE CADMIUM OR ZINC PLATED (OPTIONAL) PINS SHOWN ON THE ORIGINAL STANDARD.
- (2) "ØB" IS THE EXPANDED DIAMETER AS MEASURED WITH A RING GAGE.
- (3) ENDS OF PINS MAY BE SQUARE WITH .01 INCH TO .02 INCH RADIUS ON THE EDGES.
- (4) APPLICATION: GROOVED PINS ARE LOCKED SECURELY IN PLACE BY ELASTIC DEFORMATION ELIMINATING THE NEED FOR TAPPING OR REAMING OF TAPERED OR SIZED HOLES.
- (5) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (6) THIS STANDARD TAKES PRECEDENCE OVER 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) 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.
- (9) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

TABLE II – LENGTH DASH NUMBERS

L LG	NOMINAL SIZE																							
	1/16		5/64		3/32		1/8		5/32		3/16		7/32		1/4		5/16		3/8		7/16		1/2	
	DASH NO.	ØB ±.001	DASH NO.	ØB ±.001	DASH NO.	ØB ±.001	DASH NO.	ØB ±.002	DASH NO.	ØB ±.002	DASH NO.	ØB ±.002	DASH NO.	ØB ±.002	DASH NO.	ØB ±.002	DASH NO.	ØB ±.002	DASH NO.	ØB ±.002	DASH NO.	ØB ±.002	DASH NO.	ØB ±.002
1/4	1	.068	5	.084	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3/8	2	.068	6	.084	10	.101	14	.134	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1/2	3	.068	7	.084	11	.101	15	.134	20	.166	25	.198	—	—	—	—	—	—	—	—	—	—	—	—
5/8 3/4 1	4	.068	8	.084	12	.101	16	.134	21	.166	26	.198	32	.230	38	.263	45	.329	—	—	—	—	—	—
	—	—	9	.084	13	.101	17	.134	22	.166	27	.198	33	.230	39	.263	46	.329	57	.394	—	—	—	—
	—	—	—	—	—	—	18	.133	23	.165	28	.198	34	.230	40	.263	47	.329	58	.394	69	.459	81	.525
1 1/4	—	—	—	—	—	—	19	.132	24	.164	29	.197	35	.230	41	.263	48	.329	59	.394	70	.459	82	.525
1 1/2	—	—	—	—	—	—	—	—	—	—	30	.197	36	.229	42	.262	49	.329	60	.394	71	.459	83	.525
1 3/4	—	—	—	—	—	—	—	—	—	—	31	.197	37	.229	43	.262	50	.328	61	.393	72	.459	84	.525
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	44	.262	51	.328	62	.393	73	.458	85	.525
2 1/4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	52	.328	63	.393	74	.458	86	.524
2 1/2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	53	.327	64	.393	75	.458	87	.524
2 3/4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	54	.327	65	.393	76	.458	88	.524
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	55	.327	66	.392	77	.457	89	.523
3 1/4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	90	.523
3 1/2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	56	.326	67	.391	78	.456	91	.522
3 3/4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	92	.522
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	68	.390	79	.455	93	.521
4 1/4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	94	.521
4 1/2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	80	.454	95	.520

① COMPLETELY REVISED

REVISION

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SHEET 2

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