

① COMPLETELY REVISED

FED. SUPPLY CLASS

5315

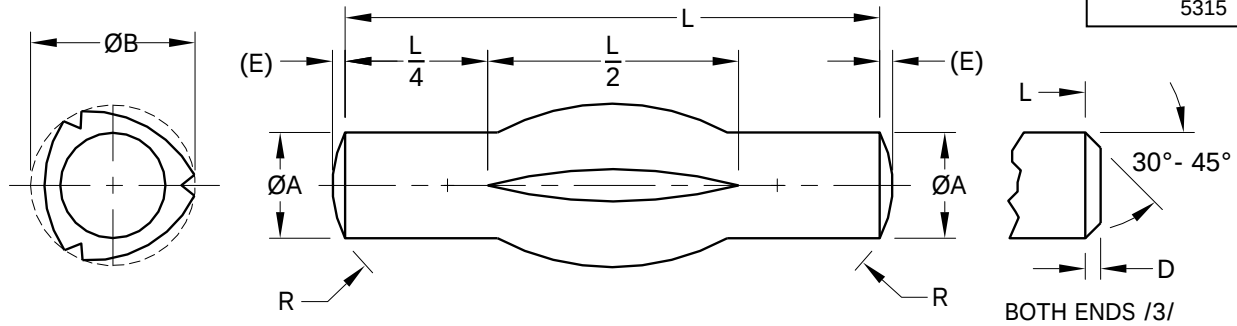


TABLE I – DIMENSIONS

NOMINAL SIZE		.0625	.0781	.0938	.125
ØA	MAX	.0625	.0781	.0938	.1250
	MIN	.0615	.0771	.0928	.1230
D CHAMFER LENGTH /3/	MIN	.016	.016	.016	.016
E CROWN HEIGHT /3/	REF	.006	.009	.009	.013
R RADIUS	±.010	.078	.094	.125	.156
RECOMMENDED	MAX	.0640	.0798	.0956	.1271
HOLE SIZE	MIN	.0625	.0781	.0938	.1250
SINGLE SHEAR STRENGTH	LBF MIN	270	430	620	1100
L LENGTH	±.010	DASH NO.	ØB ±.001	DASH NO.	ØB ±.001
.250		1	.066		
.375		2	.066	6	.082
.500		3	.066	7	.082
.625		4	.066	8	.082
.750		5	.066	9	.082
1.000				10	.099
1.250				11	.099
1.500				12	.099
				13	.099
				14	.099
				15	.132
				16	.132
				17	.132
				18	.132
				19	.132
				20	.132
				21	.132

TABLE I – DIMENSIONS (CONTINUED)

NOMINAL SIZE		.1562	.1875	.2188	.250
ØA	MAX	.1562	.1875	.2188	.2500
	MIN	.1542	.1855	.2168	.2480
D CHAMFER LENGTH /3/	MIN	.031	.031	.031	.031
E CROWN HEIGHT /3/	REF	.017	.018	.022	.026
R RADIUS	±.010	.188	.250	.281	.312
RECOMMENDED	MAX	.1587	.1903	.2219	.2534
HOLE SIZE	MIN	.1562	.1875	.2188	.2500
SINGLE SHEAR STRENGTH	LBF MIN	1720	2480	3380	4420
L LENGTH	±.010	DASH NO.	ØB ±.002	DASH NO.	ØB ±.002
.500		22	.164	28	.195
.625		23	.164	29	.195
.750		24	.164	30	.195
1.000		25	.164	31	.195
1.250		26	.164	32	.195
1.500		27	.164	33	.195
1.750				34	.195
2.000				35	.195
2.250					
				36	.227
				37	.227
				38	.227
				39	.227
				40	.227
				41	.227
				42	.227
				43	.260
				44	.260
				45	.260
				46	.260
				47	.260
				48	.260
				49	.260
				50	.260

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS35678, REVISION B. PART NUMBERS REMAIN MS35678.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM20700	TITLE ① PIN, GROOVED, HEADLESS, LONGITUDINAL CENTER GROOVE, CORROSION RESISTING STEEL	CLASSIFICATION PART STANDARD
		NASM35678 SHEET 1 OF 2

MATERIAL:

CRES - 300 SERIES, IN ACCORDANCE WITH AIR4127 ~~FED. STD. NO. 66~~.
THE MINIMUM ULTIMATE SHEAR STRENGTH SHALL BE 90 KSI.

FINISH:

PASSIVATE IN ACCORDANCE WITH AMS2700, METHOD 1, CLASS 4.

CODE:

THE MS PART NUMBER CONSISTS OF THE MS NUMBER, PLUS THE DASH NUMBER FROM TABLE I.

EXAMPLE OF PART NUMBER:

MS35678-1 = PIN, .0625 DIAMETER, .250 LONG.

NOTES:

- (1) DIMENSIONS IN INCHES.
- (2) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (3) ENDS MAY BE CROWNED OR CHAMFERED OR MAY BE SQUARE WITH .01 TO .02 RADIUS ON THE EDGES.
- (4) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (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) ØB IS THE EXPANDED DIAMETER AS MEASURED WITH A RING GAGE.
- (7) GROOVED PINS ARE LOCKED SECURELY IN PLACE BY ELASTIC DEFORMATION, ELIMINATING THE NEED FOR TAPPING OR REAMING OF TAPERED OR SIZED HOLES.
- (8) DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.

① COMPLETELY REVISED

REVISION

1

NASM35678

SHEET 2



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