

FED. SUPPLY CLASS

5315

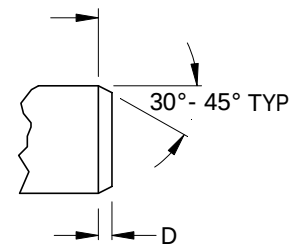
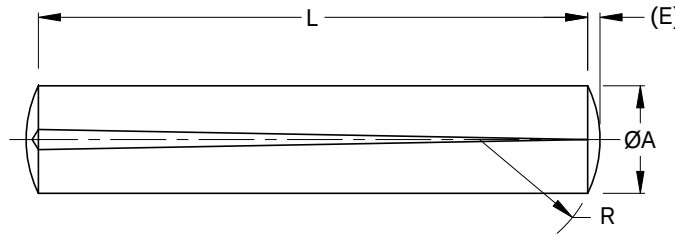
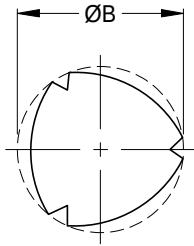


TABLE I – DIMENSIONS

NOMINAL SIZE		.0469	.0625	.0781	.0938
ØA	MAX	.0469	.0625	.0781	.0938
	MIN	.0459	.0615	.0771	.0928
D	CHAMFER LENGTH /5/ MIN	---	.016	.016	.016
(E)	CROWN HEIGHT /5/	---	.006	.009	.009
R	RADIUS /5/ ±.010	---	.078	.094	.125
	RECOMMENDED MAX	.0482	.0640	.0798	.0956
	HOLE SIZE MIN	.0469	.0625	.0781	.0938
	SINGLE SHEAR STRENGTH LBF MIN	150	270	430	620
L	LENGTH ±.010	DASH NO. ØB ±.001	DASH NO. ØB ±.001	DASH NO. ØB ±.001	DASH NO. ØB ±.001
.188		1 .050			
.250		2 .050	6 .066	11 .082	
.375		3 .050	7 .066	12 .082	16 .099
.500		4 .050	8 .066	13 .082	17 .099
.625		5 .050	9 .066	14 .082	18 .099
.750			10 .066	15 .082	19 .099
1.000					20 .099

NOMINAL SIZE		.125	.1562	.1875	.250
ØA	MAX	.1250	.1562	.1875	.2500
	MIN	.1230	.1542	.1875	.2480
D	CHAMFER LENGTH /5/ MIN	.016	.031	.031	.031
(E)	CROWN HEIGHT /5/	.013	.017	.018	.026
R	RADIUS /5/ ±.010	.156	.188	.250	.312
	RECOMMENDED MAX	.1271	.1587	.1903	.2534
	HOLE SIZE MIN	.1250	.1562	.1875	.2500
	SINGLE SHEAR STRENGTH LBF MIN	1100	1720	2480	4420
L	LENGTH ±.010	DASH NO. ØB ±.002	DASH NO. ØB ±.002	DASH NO. ØB ±.002	DASH NO. ØB ±.002
.500		21 .132	27 .164		
.625		22 .132	28 .164	33 .195	41 .260
.750		23 .132	29 .164	34 .195	42 .260
1.000		24 .131	30 .163	35 .195	43 .260
1.250		25 .130	31 .162	36 .194	44 .260
1.500		26 .130	32 .162	37 .194	45 .259
1.750				38 .194	46 .259
2.000				39 .193	47 .259
2.250				40 .193	48 .259
2.500					49 .258
2.750					50 .258

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS35672 REVISION B. PART NUMBERS REMAIN MS35672.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM20700	TITLE PIN, GROOVED, HEADLESS, LONGITUDINAL TAPER GROOVE, CORROSION-RESISTING STEEL ①	CLASSIFICATION PART STANDARD NASM35672

SHEET 1 OF 2

MATERIAL: CORROSION-RESISTING STEEL, 300 SERIES, IN ACCORDANCE WITH FED. STD. NO. 66 AIR4127. THE MINIMUM ULTIMATE SHEAR STRENGTH SHALL BE 90,000 PSI.

FINISH: PASSIVATED IN ACCORDANCE WITH AMS2700, METHOD 1, CLASS 4.

APPLICATION: GROOVED PINS ARE LOCKED SECURELY IN PLACE BY ELASTIC DEFORMATION, ELIMINATING THE NEED FOR TAPPING OR REAMING OF TAPERED OR SIZED HOLES.

PART NUMBER EXAMPLE:

THE MS PART NUMBER CONSISTS OF THE MS NUMBER PLUS THE DASH NUMBER.
EXAMPLE: MS35672-1.

NOTES:

- (1) ALL DIMENSIONS ARE IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (2) ØB IS THE EXPANDED DIAMETER AS MEASURED WITH A RING GAGE.
- (3) 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.
- (4) FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- /5/ ENDS MAY BE CROWNED OR CHAMFERED OR MAY BE SQUARE WITH .01 TO .02 RADIUS ON THE EDGES.
- (6) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (7) REMOVE ALL BURRS AND SHARP EDGES.
- (8) TOLERANCES AND DIMENSIONING PER ANSI Y14.5M-1982.

① COMPLETELY REVISED

REVISION
1
MS35672
SHEET 2

