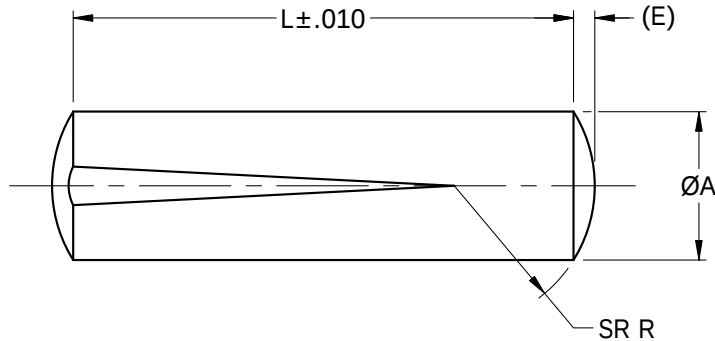
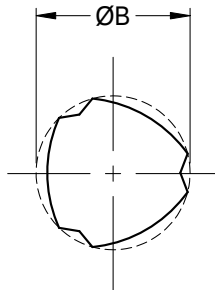


FED. SUPPLY CLASS

5315



② TABLE I – DIMENSIONS AND STRENGTH VALUES

NOMINAL SIZE		.047		.063		.078		.094		.125	
ØA	MAX	.0469		.0625		.0781		.0938		.1250	
	MIN	.0459		.0615		.0771		.0928		.1230	
(E) CROWN HEIGHT /3/		----		.0065		.0087		.0091		.0130	
R	SPHERICAL MAX	----		.0881		.1037		.1350		.1662	
	RADIUS MIN	----		.0681		.0837		.1150		.1462	
	RECOMMENDED MAX	.0478		.0640		.0798		.0956		.1271	
	HOLE SIZE MIN	.0465		.0625		.0781		.0938		.1250	
SINGLE SHEAR STRENGTH - LBF MIN		110		200		310		440		790	
L LENGTH		DASH NUMBER	ØB ±.001	DASH NUMBER	ØB ±.001	DASH NUMBER	ØB ±.001	DASH NUMBER	ØB ±.001	DASH NUMBER	ØB ±.002
.1875		1	.051								
.2500		2	.051	6	.068	11	.084				
.3750		3	.051	7	.068	12	.084	16	.101	21	.134
.5000		4	.051	8	.068	13	.084	17	.101	22	.134
.6250		5	.051	9	.068	14	.084	18	.101	23	.134
.7500				10	.068	15	.084	19	.101	24	.134
1.0000								20	.101	25	.133
1.2500										26	.132
1.5000										27	.132

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS35671, REVISION A. PART NUMBERS REMAIN MS35671.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NASM20700	TITLE PIN, GROOVED, HEADLESS, LONGITUDINAL TAPER GROOVE, CARBON STEEL	CLASSIFICATION PART STANDARD MSM35671



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②

TABLE I – DIMENSIONS AND STRENGTH VALUES (CONTINUED)

NOMINAL SIZE		.156		.188		.219		.250		.375	
ØA	MAX	.1563		.1875		.2188		.2500		.3750	
	MIN	.1543		.1855		.2168		.2480		.3730	
(E) CROWN HEIGHT /3/		.0170		.0180		.0220		.0260		.0390	
R SPHERICAL RADIUS	MAX	.1975		.2600		.2912		.3225		.4787	
	MIN	.1775		.2400		.2712		.3025		.4587	
RECOMMENDED HOLE SIZE	MAX	.1587		.1903		.2219		.2534		.3797	
	MIN	.1563		.1875		.2188		.2500		.3750	
SINGLE SHEAR STRENGTH - LBF		MIN		1230		1770		2400		3140	
										7070	
L LENGTH		DASH NUMBER	ØB ±.002	DASH NUMBER	ØB ±.002	DASH NUMBER	ØB ±.002	DASH NUMBER	ØB ±.002	DASH NUMBER	ØB ±.002
.5000		28	.166	34	.198						
.6250		29	.166	35	.198			52	.263		
.7500		30	.166	36	.198	43	.230	53	.263	62	.394
1.0000		31	.165	37	.198	44	.230	54	.263	63	.394
1.2500		32	.164	38	.197	45	.230	55	.263	64	.394
1.5000		33	.164	39	.197	46	.229	56	.262	65	.394
1.7500				40	.197	47	.229	57	.262	66	.393
2.0000				41	.196	48	.229	58	.262	67	.393
2.2500				42	.196	49	.229	59	.262	68	.393
2.5000						50	.228	60	.261	69	.393
2.7500						51	.228	61	.261	70	.393

MATERIAL: STEEL, COLD-DRAWN, B1112 (UNS G11120) OR C1212 (UNS G12120), IN ACCORDANCE WITH THE PROCUREMENT SPECIFICATION.

FINISH: CADMIUM PLATE IN ACCORDANCE WITH THE PROCUREMENT SPECIFICATION.

PART NUMBER: THE MS PART NUMBER CONSISTS OF THE MS NUMBER PLUS THE DASH NUMBER. EXAMPLE: MS35671-1.

NOTES: (1) DASH NUMBERS FOR CADMIUM PLATED PINS AS SHOWN ON THIS REVISED STANDARD ARE THE SAME AS THE DASH NUMBERS 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 TO .02 RADIUS ON THE EDGES.

(4) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

② (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) GROOVED PINS ARE LOCKED SECURELY IN PLACE BY ELASTIC DEFORMATION ELIMINATING THE NEED FOR TAPPING OR REAMING OF TAPERED OR SIZED HOLES.

(7) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.

(8) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

(9) REMOVE ALL BURRS AND SHARP EDGES.

(10) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

REVISION

2

NASM35671-1

SHEET 2



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