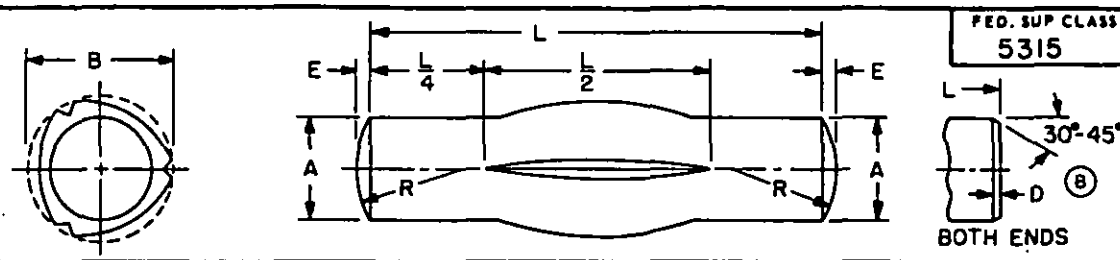
FED. SUP CLASS
5315



NOMINAL SIZE		.0625		.0781		.0938		.125	
A DIAMETER	MAX MIN	.0625 .0615		.0781 .0771		.0938 .0928		.1250 .1230	
D CHAMFER LENGTH* (B)	MIN	.016		.016		.016		.016	
E CROWN HEIGHT*	REF	.006		.009		.009		.013	
R RADIUS	±.010	.078		.094		.125		.156	
RECOMMENDED HOLE SIZE	MAX MIN	.0640 .0625		.0798 .0781		.0956 .0938		.1271 .1250	
SINGLE SHEAR STRENGTH	LBS-MIN	270		430		620		1100	
L LENGTH	±.010	DASH NO.	B DIA ±.001	DASH NO.	B DIA ±.001	DASH NO.	B DIA ±.001	DASH NO.	B DIA ±.002
.250	(B)	1	.066						
.375		2	.066	6	.082	10	.099	15	.132
.500		3	.066	7	.082	11	.099	16	.132
.625		4	.066	8	.082	12	.099	17	.132
.750		5	.066	9	.082	13	.099	18	.132
1.000						14	.099	19	.132
1.250								20	.132
1.500								21	.132

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

NOTES:

(B) 1. MATERIAL: Corrosion-resisting steel, 300 series, in accordance with Fed. Std. No. 66. The minimum ultimate shear strength shall be 90,000 PSI.
2. PROTECTIVE COATING: Passivated in accordance with QQ-P-35.
3. DIMENSIONS: All dimensions are in inches, unless otherwise specified.
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. PART NUMBER: The MS part number consists of the MS number, plus the dash number. Example: MS35678-1.
6. Diameter "B" is the expanded diameter as measured with a ring gage.
*7. Ends may be crowned or chamfered or may be square with .01 to .02 radius on the edges.
8. Referenced documents shall be of the issue in effect on date of invitations for bid.
9. For design feature purposes, this standard takes precedence over procurement documents referenced herein.

REVIEWER: AV, EA, IS, MI, NS
USER: AT, GL, MC, ME, MU, WV

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

APPROVED 11 JAN 1956 REVISED (A) 17 MAR 1965 (B) 22 AUG 1975

P.A. WC Other Cust AS 82	TITLE PIN, GROOVED, HEADLESS-LONGITUDINAL CENTER GROOVE, CORROSION-RESISTING STEEL	MILITARY STANDARD MS35678	
PROCUREMENT SPECIFICATION MIL-P-20700	SUPERSEDES: AEGX2 in part	SHEET 1 OF 1	

DD FORM 1 SEP 67 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.