

REVIEWER: AV, EA, IS, MI, NS
 USER: AT, CL, MC, ME, MU, WY

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.

FED. SUP CLASS
5315

NOMINAL SIZE			.0469		.0625		.0781		.0938	
A DIAMETER	MAX		.0469		.0625		.0781		.0938	
	MIN		.0459		.0613		.0771		.0928	
D CHAMFER LENGTH*	(B) MIN		----		.016		.016		.016	
E CROWN HEIGHT*	REF		----		.006		.009		.009	
R RADIUS	±.010		----		.078		.094		.125	
RECOMMENDED HOLE SIZE	MAX		.0482		.0640		.0798		.0956	
	MIN		.0469		.0625		.0781		.0938	
SINGLE SHEAR STRENGTH LBS-MIN			150		270		430		620	
L LENGTH	±.010		DASH NO.	B DIA ±.001	DASH NO.	B DIA ±.001	DASH NO.	B DIA ±.001	DASH NO.	B DIA ±.001
.188	(B)		1	.050	6	.066	11	.082	16	.099
.250			2	.050	7	.066	12	.082	17	.099
.375			3	.050	8	.066	13	.082	18	.099
.500			4	.050	9	.066	14	.082	19	.099
.625			5	.050	10	.066	15	.082	20	.099
.750										
1.000										

NOMINAL SIZE			.125		.1562		.1875		.250	
A DIAMETER	MAX		.1250		.1562		.1875		.2500	
	MIN		.1230		.1542		.1855		.2480	
D CHAMFER LENGTH*	(B) MIN		.016		.031		.031		.031	
E CROWN HEIGHT*	REF		.013		.017		.018		.025	
R RADIUS	±.010		.156		.188		.250		.312	
RECOMMENDED HOLE SIZE	MAX		.1271		.1587		.1903		.2534	
	MIN		.1250		.1562		.1875		.2500	
SINGLE SHEAR STRENGTH LBS-MIN			1100		1720		2480		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)		21	.132	27	.164	33	.195	41	.260
.625			22	.132	28	.164	34	.195	42	.260
.750			23	.132	29	.164	35	.195	43	.260
1.000			24	.131	30	.163	36	.194	44	.260
1.250			25	.130	31	.162	37	.194	45	.259
1.500			26	.130	32	.162	38	.194	46	.259
1.750							39	.193	47	.259
2.000							40	.193	48	.259
2.250									49	.258
2.500									50	.258
2.750										

NOTES:

- MATERIAL:** Corrosion-resisting steel, 300 series, in accordance with Fed. Std. No. 66. The minimum ultimate shear strength shall be 90,000 PSI.
- PROTECTIVE COATING:** Passivated in accordance with QQ-P-35.
- DIMENSIONS:** All dimensions are in inches, unless otherwise specified.
- 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:** The MS part number consists of the MS number, plus the dash number.
Example: MS35672-1.
- Diameter "B" is the expanded diameter as measured with a ring gage.
- Ends may be chamfered or may be square with .01 to .02 radius on the edges.
- Referenced documents shall be of the issue in effect on date of invitations for bid.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.

P.A. VC
 Other Code AS
 82

TITLE

**PIN, GROOVED, HEADLESS-LONGITUDINAL
 TAPER GROOVE, CORROSION-RESISTING STEEL**

MILITARY STANDARD

MS35672

PROCUREMENT SPECIFICATION
MIL-P-20700

SUPERSEDES: AEG12 in part

SHEET 1 OF 1

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

DD FORM 672-1 (COORDINATED)