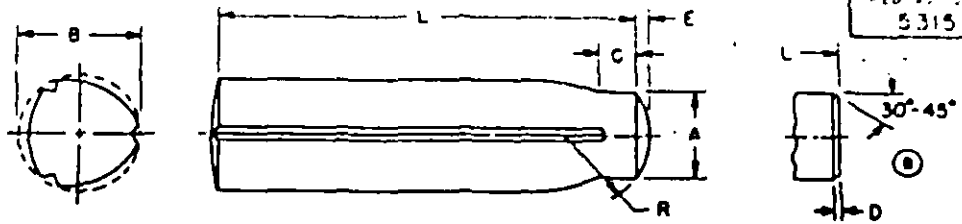


REVISOR: AY, LA, LS, PL, NS
 USER: AT, CL, MC, MA, NU, WY



FED. STD. 21413
 5315

NOMINAL SIZE		.0625	.0781	.0938	.125	.1562	.1875						
A DIAMETER	MAX	.0625	.0781	.0938	.1250	.1562	.1875						
	MIN	.0615	.0771	.0928	.1230	.1542	.1855						
C PILOT LENGTH	REF	.031	.031	.031	.031	.062	.062						
B CHAMFER LENGTH* MIN	(B)	.016	.016	.016	.016	.031	.031						
R CROWN HEIGHT*	REF	.006	.009	.009	.013	.017	.018						
R RADIUS	2.010	.078	.094	.125	.156	.188	.230						
RECOMMENDED HOLE SIZE	MAX	.0640	.0798	.0956	.1271	.1587	.1903						
	MIN	.0625	.0781	.0938	.1250	.1562	.1875						
SINGLE SHEAR STRENGTH-LBS	MIN	270	430	620	1100	1720	2480						
L LENGTH	2.010	DASH NO.	B DIA 2.001	DASH NO.	B DIA 2.001	DASH NO.	B DIA 2.002	DASH NO.	B DIA 2.002	DASH NO.	B DIA 2.002	DASH NO.	B DIA 2.002
.250		1	.066	3	.082								
.375		2	.066	6	.082	10	.099	14	.132				
.500	(B)	3	.066	7	.082	11	.099	15	.132	20	.164	25	.195
.625		4	.066	8	.082	12	.099	16	.132	21	.164	26	.195
.750				9	.082	13	.099	17	.132	22	.164	27	.195
1.000								18	.131	23	.163	28	.195
1.250								19	.130	24	.162	29	.194
1.500												30	.194
1.750												31	.194

NOTES:

- (B) 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: MS35675-1.
- Diameter "B" is the expanded diameter as measured with a ring gage.
- Ends on all sizes may be chamfered.
Ends on sizes thru .250 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.

(B) For changes see sheets 1 and 2.

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 VC Other Code AS 82	TITLE	MILITARY STANDARD
	PIN, GROOVED, HEADLESS - LONGITUDINAL STRAIGHT GROOVE, CORROSION-RESISTING STEEL	MS35675
DOCUMENT SPECIFICATION MIL-P-20700	SUPERSEDES AEC12 in part	SHEET 1 OF 2

