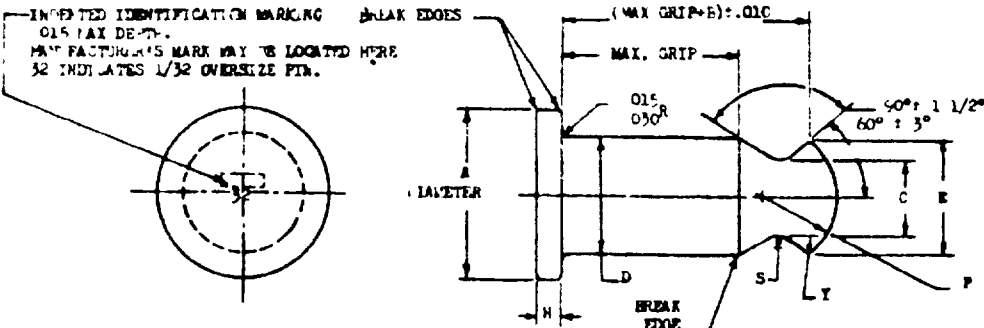


FSC CLASS
5320



NOMINAL DIAMETER	A DIA.	B DIA.	(A) C DIA.	D DIA.	(a) E DIA.	H	F SPACER RAD	S RAD	Y MAX RAD
7/32	.315 .295	.125	.110 .115	.2197 .2186	.185 .181	.055 .047	.128 .117	.034 .030	.0075
9/32	.412 .387	.165	.156 .152	.2822 .2811	.245 .241	.069 .049	.167 .155	.041 .040	.0075
11/32	.505 .475	.206	.194 .189	.3417 .3436	.307 .302	.077 .068	.206 .194	.054 .050	.0075
13/32	.630 .565	.248	.232 .227	.4072 .4061	.370 .365	.087 .078	.250 .237	.066 .062	.0075
15/32	.770 .711	.289	.270 .265	.4677 .4686	.432 .425	.101 .093	.325 .308	.077 .073	.0125
17/32	.910 .855	.330	.308 .303	.5312 .5311	.491 .488	.115 .109	.377 .322	.089 .085	.0125

NOMINAL DIAMETER	(b) MAX. GRIP LENGTH AND JASH NUMBERS														
	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1	
7/32	7-3	7-4	7-5	7-6	7-7	7-8	7-9	7-10	7-11	7-12	7-13	7-14	7-15	7-16	
9/32		9-4	9-5	9-6	9-7	9-8	9-9	9-10	9-11	9-12	9-13	9-14	9-15	9-16	
11/32			11-5	11-6	11-7	11-8	11-9	11-10	11-11	11-12	11-13	11-14	11-15	11-16	
13/32				13-6	13-7	13-8	13-9	13-10	13-11	13-12	13-13	13-14	13-15	13-16	
15/32					15-7	15-8	15-9	15-10	15-11	15-12	15-13	15-14	15-15	15-16	
17/32						17-8	17-9	17-10	17-11	17-12	17-13	17-14	17-15	17-16	

(a) "C" AND "E" SHALL BE CONCENTRIC WITH "D" WITHIN .001 TOTAL RUNOUT FOR 7/32, 9/32, 11/32 AND 13/32; WITHIN .005 FOR 15/32 AND 17/32 SIZES.

(b) FOR PINS WITHIN GRIP LENGTH IN EXCESS OF 1 INCH, CODE SECOND DASH NUMBER INDICATES MAX. GRIP IN 1/16 INCREMENTS.

MATERIAL: STEEL, SPEC A1-S-9, AN-QQ-S-690, MIL-S-5626, MIL-S-6049, MIL-S-6180, MIL-S-6096 OR MIL-S-6758.

HEAT TREAT: 160,000 TO 180,000 PSI, SPEC. MIL-H-6875.

FINISH: CAD TUM PLATE, SPEC QQ-P-416, TYPE I, CLASS C.

ROUGHNESS OF SURFACES OUTSIDE OF MAX. GRIP SHALL NOT EXCEED 80 RMS MICRO INCHES MEASURED BEFORE PLATING.

ROUGHNESS OF SURFACES WITHIN MAX GRIP SHALL NOT EXCEED 60 RMS MICRO INCHES MEASURED BEFORE PLATING.

HEAD AND SHANK TO BE CONCENTRIC WITHIN .010 FULL INDICATOR READING.

EXAMPLES OF PART NO. 9-14 = PIN, 9/32 DIA., 7/8 MAX. GRIP LENGTH.
9-19 = PIN, 9/32 DIA., 1-3/16 MAX GRIP LENGTH.

DIMENSIONS IN INCHES TO BE MET AFTER PLATING.

NOT FOR DESIGN.
FOR REPLACEMENT PURPOSES ONLY.

REINSTATED 6 JUNE 1966

APPROVED 29 JULY 55 REVISED

CUSTODIAN
Air Force
PROCUREMENT SPECIFICATION
Name

MILITARY STANDARD

PIN-PLATEHEAD, KI-SHANK, OVERSIZE, 160,000 PSI

MS21000

(MAY)

NOTES: 1. This Government development specification, or other data are used for any purpose other than in connection with a definitely related Government procurement operation. The United States Government therefore assumes no responsibility for any obligation whatsoever, and the fact that the Government may have furnished, furnished or in any way supplied the said drawings, specifications, or other data is not to be regarded by legislation or otherwise as an assumption of liability on the part of the Government, or any other person or organization, for any damages, claims, or other losses or expenses, or for any other liability or responsibility that may in any way be incurred by the contractor.