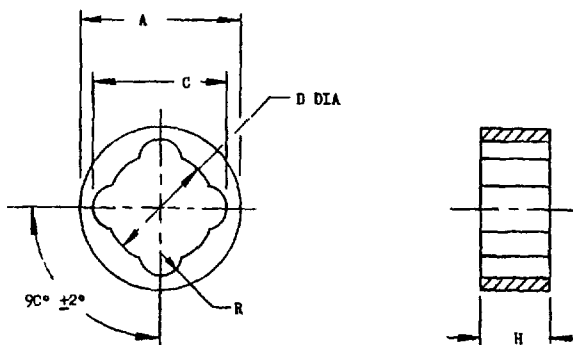


FED SUP CLASS  
5340

DASH NO	NOMINAL BOLT SIZE	A		D		C		H		R	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
3	1900	.448	.428	.205	.195	.255	.235	.153	.143	.055	.035
4	.2500	.510	.490	.265	.255	.324	.304	.191	.181	.070	.050
5	.3125	.572	.552	.327	.317	.410	.390	.233	.223	.086	.066
6	.3750	.635	.615	.390	.380	.475	.455	.248	.238	.094	.074
7	.4375	.760	.740	.452	.442	.544	.524	.287	.277	.102	.082
8	.5000	.885	.865	.515	.505	.629	.609	.319	.309	.119	.099
9	.5625	.947	.927	.578	.568	.701	.681	.359	.349	.134	.114

MATERIAL CRES 303 PER MIL-S-7720 OR QQ-S-763, OR 302 PER MIL-S-5059

HEAT TREATMENT: CONDITION B

PROTECTIVE TREATMENT: PASSIVATE PER QQ-P-35.

SURFACE FINISH: 125 IN ACCORDANCE WITH USAS B 46.1-1962.

DIMENSIONS WASHER FACES SHALL BE PARALLEL WITHIN 0.002 INCH.

WASHER FACES SHALL BE FLAT WITHIN .007 INCH FOR DASH NUMBER 3 THRU 8, AND FLAT WITHIN .010 INCH FOR DASH NUMBER 9.

DESIGN USAGE THESE SPACERS ARE FOR USE WITH SELF-RETAINING BOLTS. FOR DESIGN USAGE LIMITATIONS SEE MS33602

EXAMPLE OF PART NUMBER. MS21128-3 SPACER, GROOVED, FOR NO 10 SIZE SELF RETAINING BOLT.

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED

BREAK SHARP EDGES AND REMOVE BURRS AND SLIVERS

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID

P.A. Navy - AS	TITLE	MILITARY STANDARD
Other Cust USAF - 11	SPACER, GROOVED, SELF-RETAINING BOLT, CRES	MS21128(ASG)
PROCUREMENT SPECIFICATION None	SUPERSEDES	SHEET 1 OF 1

DD FORM 1 SEP 57 672-1 (Limited coordination)  
ASG use only

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 26 Oct 67 REVISED

Review activities  
Navy - AS  
USAF - 11

This military standard is approved by the Department of the Air Force and the Bureau of Naval Weapons and is mandatory for use by these activities. All other military activities are required to employ this standard where suitable.