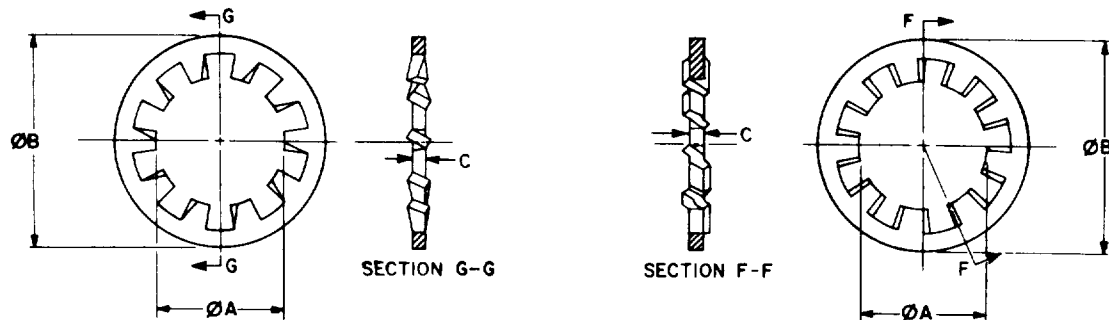


FED. SUP CLASS
5310USER ACTIVITIES:
ARMY - ME
NAVY - MC, YD

ACCEPTABLE DESIGNS

TABLE 1. DASH NUMBERS AND DIMENSIONS.

DASH NUMBER		Ø A		Ø B		C THICKNESS	
STEEL, CARBON	PHOSPHOR BRONZE	MAX	MIN	MAX	MIN	MAX	MIN
-10	-11	.095	.089	.200	.175	.015	.010
-1	-12	.123	.115	.270	.255	.019	.015
-2	-13	.150	.141	.295	.275	.021	.017
-3	-14	.176	.168	.340	.325	.023	.018
-4	-15	.204	.195	.381	.365	.025	.020
-5	-16	.267	.256	.478	.460	.028	.023
-6	-17	.332	.320	.610	.594	.034	.028
-7	-18	.398	.384	.692	.670	.040	.032
-8	-19	.530	.512	.900	.867	.045	.037
-9	-20	.663	.640	1.071	1.045	.050	.042

REQUIREMENTS:

- MATERIAL:** STEEL, CARBON, GRADES 1050 (UNS G10500) THRU 1064 (UNS G10640), AND PHOSPHOR BRONZE, COMPOSITION A, HARD (UNS C51000), IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
- PROTECTIVE COATING AND SURFACE TREATMENT:** STEEL, CARBON, SHALL BE ZINC COATED IN ACCORDANCE WITH ASTM B633, TYPE II, CLASS Fe/Zn 5. PHOSPHOR BRONZE SHALL BE CADMIUM PLATED IN ACCORDANCE WITH QQ-P-416, TYPE II, CLASS 2.
- PART NUMBER:** THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE 1.

EXAMPLE: MS51413-1

DASH NUMBER

BASIC MS NUMBER

MS51413-1 INDICATES - WASHER, LOCK, FLAT-INTERNAL TOOTH; STEEL, CARBON; ZINC COATED;
INSIDE DIAMETER .123 MAX .115 MIN; OUTSIDE DIAMETER .270 MAX .255 MIN;
THICKNESS .019 MAX .015 MIN

NOTES:

- ALL DIMENSIONS ARE IN INCHES.
- THE NUMBER OF TEETH SHALL BE AT THE OPTION OF THE SUPPLIER.
- IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
- REFERENCED GOVERNMENT (OR NONGOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.
- ZINC COATED WASHERS ARE INTENDED FOR USE IN NON-AEROSPACE, HIGH TEMPERATURE/PETROLEUM ENVIRONMENT.

Ⓐ ENTIRE STANDARD REVISED

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REVIEWER ACTIVITIES:
ARMY - AV, EA, ER, GL
AIR FORCE - 15, 12
DLA - IS
NSA - NS

P. A. ARMY - AR Other Cust NAVY - SH AIR FORCE - 99	INTERNATIONAL INTEREST	TITLE WASHER, LOCK, FLAT-INTERNAL TOOTH	MILITARY STANDARD MS51413
PROCUREMENT SPECIFICATION FF-W-100	SUPERSEDES:	PAGE OF	

APPROVED 18 OCT 82 REVISED Ⓐ 17 MAR 86

AMSC N/A

DD FORM 1 MAY 73 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5310-1410