

5310 (A)

The 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.

Superseded number	Replacement number	Superseded number	Replacement number
MS 172201	MS 19069-A00	MS 172213	MS 19069-A12
MS 172202	MS 19069-A01	MS 172214	MS 19069-A13
MS 172203	MS 19069-A02	MS 172215	MS 19069-A14
MS 172204	MS 19069-A03	MS 172216	MS 19069-A15
MS 172205	MS 19069-A04	MS 172217	MS 19069-A16
MS 172206	MS 19069-A05	MS 172218	MS 19069-A17
MS 172207	MS 19069-A06	MS 172219	MS 19069-A18
MS 172208	MS 19069-A07	MS 172220	MS 19069-A19
MS 172209	MS 19069-A08	MS 172221	MS 19069-A20
MS 172210	MS 19069-A09	MS 172222	MS 19069-A21
MS 172211	MS 19069-A10	MS 172223	MS 19069-A22
MS 172212	MS 19069-A11	MS 172224	MS 19069-A23

NOTES:

- ④ 1. MATERIAL: Alloy steel AMS-6350.
2. TEMPER: Each washer shall be of such temper as to permit its being bent 180°, without fracture, either way of the grain, over a radius equal to one half the stock thickness.
3. PROTECTIVE COATING: Washer shall be phosphate coated in accordance with DOD-P-16232, Type Z, Class 2.
4. DIMENSIONS: All dimensions are in inches. Tolerances: decimals ± .010, angles ± 2° unless otherwise specified.
- ⑤ 5. PART NUMBER: The MS part number is the MS number, plus the dash number.
- Example: MS19069-A00
 └──dash number
6. NUTS: See MS19067 for applicable nuts. Applicable nuts should have dash numbers corresponding to washer numbers: e.g., washer size A00 should be used with nut size number A00.
7. OTHER NOTES:
- (a) 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.
- (b) Referenced Government 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.

Example: MS19069-A00
dash number

APPROVED 7 JUNE 1961 revised (A) For changes see sheets 1 and 2

F A NAVY-05 Other Cos: ARMY-AT AIR FORCE-11	INTERNATIONAL INTEREST	TITLE WASHER, KEY, RETAINING, BALL AND ROLLER BEARING, LIGHT SERIES	MILITARY STANDARD
			MS 19069
PROCUREMENT SPECIFICATION MIL-W-21338	SUPERSEDES: MS172201 thru MS172235		SHEET 2 OF 2