

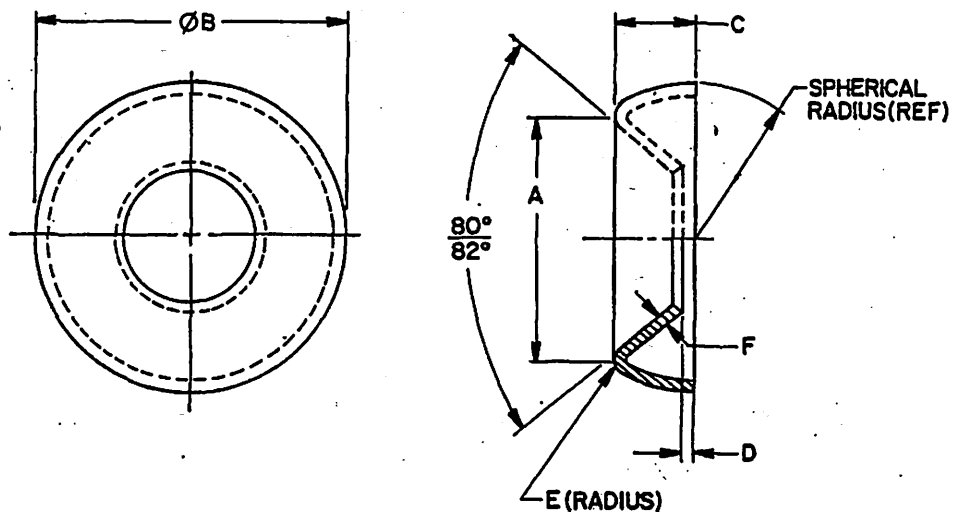
FED. SUP CLASS
5310

TABLE I. DASH NUMBERS AND DIMENSIONS.

DASH NUMBER			NCM SIZE	A		ØB		C		D		E		F ±.003
BRASS	STEEL	CRES		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
1	2	3	.112	.247	.237	.385	.365	.096	.076	.036	.015	.027	.021	.012
4	5	6	.138	.303	.293	.448	.428	.102	.082	.036	.015	.031	.025	.014
7	8	9	.164	.357	.347	.541	.521	.112	.092	.036	.015	.031	.025	.014
10	11	12	.190	.437	.412	.603	.583	.122	.102	.036	.015	.040	.032	.018
13 1/	14 1/	15 1/	.216	.470	.455	.697	.677	.156	.136	.051	.031	.040	.032	.018
16	17	18	.250	.546	.526	.791	.771	.170	.150	.051	.031	.040	.032	.018
19	20	21	.3125	.678	.658	.947	.927	.222	.202	.051	.031	.044	.036	.020
22	23	24	.375	.810	.785	1.135	1.115	.260	.240	.051	.031	.055	.045	.025

1/ INACTIVE FOR NEW DESIGN AFTER 20 MARCH 1974.

USER ACTIVITIES:
ARMY - AI
NAVY - MC, YD
AIR FORCE - 82REVIEWER ACTIVITIES:
ARMY - AV, MI
NAVY - AS
AIR FORCE - II
DLA - IS

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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 when applicable.

© ENTIRE STANDARD REVISED

P.A. ARMY - AR Other Cust	INTERNATIONAL INTEREST	TITLE WASHER, FINISHING-COUNTERSUNK	MILITARY STANDARD MS27129
AIR FORCE-99			
PROCUREMENT SPECIFICATION MIL-W-45595	SUPERSEDES: BEEXI AND NAS391	PAGE 1	OF 2

AMSC N/A

DD FORM 1 MAY 73 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5310-1556

APPROVED 21 MAR 61
REVISED © 18 AUG 87

015115

FED. SUP CLASS
5310

REQUIREMENTS:

1. MATERIAL. BRASS, IN ACCORDANCE WITH ASTM B36, UNS C26000 OR UNS C26800, QUARTER OR HALF HARD. STEEL, IN ACCORDANCE WITH ASTM A108, GRADE 1212 (PHOSPHORUS 0-13 PERCENT MAX, SULFUR 0.23 PERCENT MAX). CORROSION-RESISTING STEEL, IN ACCORDANCE WITH QQ-S-766, 300 SERIES.
2. PROTECTIVE COATING. BRASS-NICKEL PLATED, IN ACCORDANCE WITH QQ-N-290, CLASS 1, OR CHROMIUM PLATED, IN ACCORDANCE WITH QQ-C-320, CLASS 1.
STEEL-CADMIUM PLATED, IN ACCORDANCE WITH QQ-P-416, TYPE II, CLASS 3.
CORROSION-RESISTANT STEEL-CLEAN, DESCALED AND PASSIVATED IN ACCORDANCE WITH ASTM A380.
3. HARDNESS. WASHERS SHALL BE 104 HB MIN.
4. PART NUMBER. THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.

EXAMPLE: MS27129-3

DASH NUMBER FROM TABLE I

BASIC MS NUMBER

MS27129-3 INDICATES - WASHER; FINISHING COUNTERSUNK; CRES, PASSIVATED, NOMINAL SIZE .112; .385 MAXIMUM OUTSIDE DIAMETER; .012 THICKNESS.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. REMOVE ALL BURRS AND SHARP EDGES BEFORE FINISH.
3. THESE WASHERS CAN BE USED WITH BOTH 82° AND 100° COUNTERSUNK SCREWS.
4. 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.
5. REFERENCED GOVERNMENT (OR NON-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.

USER ACTIVITIES:
ARMY - AT
NAVY - MC, YD
AIR FORCE - 82REVIEWER ACTIVITIES:
ARMY - AV, MI
NAVY - AS
AIR FORCE - II

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 when applicable.

APPROVED 21 MAR 61 REVISED © FOR CHANGES SEE PAGES 1 AND 2

P.A. ARMY - AR Other Cust AIR FORCE-99	INTERNATIONAL INTEREST	TITLE WASHER, FINISHING-COUNTERSUNK	MILITARY STANDARD MS27129
PROCUREMENT SPECIFICATION MIL-W-45595	SUPERSEDES: BEEXI AND NAS391	PAGE 2 OF 2	

DD FORM 1 MAY 73 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5310-1556