

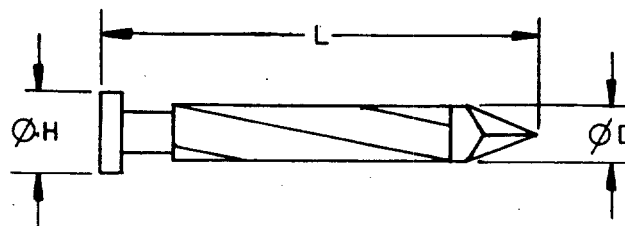
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TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L LENGTH	Ø D	Ø H HEAD	NUMBER PER LB (APPROX)
-1	1	.148	.312	173
-2	1 1/4	.148	.312	145
-3	1 1/2	.148	.312	129
-4	1 3/4	.148	.312	113
-5	2	.148	.312	98
-6	2 1/4	.148	.312	84
-7	2 1/2	.148	.312	76
-8	2 3/4	.148	.312	70
-9	3	.148	.312	67
-10	3 1/4	.148	.312	60
-11	3 1/2	.162	.344	48
-12	3 3/4	.162	.344	45
-13	4	.177	.375	35

## REQUIREMENTS:

1. **MATERIAL.** MASONRY NAILS SHALL BE MANUFACTURED FROM HARDENED STEEL, BRIGHT FINISH (SEE NOTE 2), WITH SCREW (MECHANICALLY DEFORMED) SHANK, FLAT HEAD AND DIAMOND POINT IN ACCORDANCE WITH TYPE II, STYLE 17 OF PROCUREMENT SPECIFICATION.
2. **SHANK DIAMETERS.** TOLERANCES ON SHANK DIAMETERS SHALL BE  $\pm .004$  INCH. TOLERANCES SHALL APPLY BEFORE APPLICATION OF PROTECTIVE COATINGS OR FINISHES. DIAMETERS OF MECHANICALLY DEFORMED SHANKS SHALL BE MEASURED BEFORE DEFORMATION.
3. **HEAD DIAMETERS.** TOLERANCE ON HEAD DIAMETER SHALL BE  $\pm 10$  PERCENT OF THE NOMINAL HEAD DIAMETER (INDIVIDUAL MEASUREMENT). THE DIFFERENCE IN DIAMETER ACROSS LONG AXIS SHALL NOT EXCEED THAT ACROSS THE SHORT AXIS BY MORE THAN 10 PERCENT. A FILLET SHALL BE PROVIDED UNDER THE HEAD; AN ANGLE OR RADIUS WILL BE ACCEPTABLE. HEADS SHALL BE WELL CENTERED.
4. **LENGTHS.** TOLERANCES ON LENGTHS SHALL BE  $\pm 1/32$  INCH FOR LENGTHS UP TO AND INCLUDING 1 INCH;  $\pm 1/16$  FOR LENGTHS OVER 1 INCH UP TO AND INCLUDING 2 1/2 INCHES AND  $\pm 3/32$  INCH FOR LENGTHS OVER 2 1/2 INCHES UP TO AND INCLUDING 7 INCHES.
5. **PART NUMBER.** THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER, FOLLOWED BY A DASH NUMBER FROM TABLE I.

EXAMPLE: MS51538-7

└── DASH NUMBER

└── BASIC MS NUMBER

MS51538-7 INDICATES - NAIL, MASONRY LENGTH 2 1/2 INCHES, DIAMETER .148, HEAD DIAMETER .312.

P. A. ARMY-AR Other Cust NAVY-YD AIR FORCE-99	INTERNATIONAL INTEREST	TITLE  NAIL, MASONRY	MILITARY STANDARD
			MS51538
PROCUREMENT SPECIFICATION FF-N-105	SUPERSEDES:	SHEET 1 OF 2	

USER ACTIVITIES:  
ARMY-AV, CE, ME, MI  
NAVY-SA, SH

REVIEWER ACTIVITIES:  
ARMY-GL  
NAVY-MC  
CIVIL AGENCY COORDINATING ACTIVITIES:  
GSA-FSS

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AMSC N/A

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. BRIGHT FINISH - TERM APPLIED TO NAILS WITH NATURAL BARE FINISH RESULTING FROM CLEANING OF NAILS WHICH HAVE NOT UNDERGONE TREATMENT AFFECTING FINISH, SUCH AS HARDENING, BLUING, COATING, PLATING, ETCHING AND PAINTING.
3. 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.
4. 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.

USER ACTIVITIES:  
ARMY-AV, CE, ME, MI  
NAVY-SA, SH

REVIEWER ACTIVITIES:  
ARMY-GL CIVIL AGENCY COORDINATING ACTIVITIES:  
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PROCUREMENT SPECIFICATION FF-N-105	SUPERSEDES:	SHEET 2 OF 2	

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