

REVIEWER ACTIVITIES: CIVIL AGENCIES COORDINATING ACTIVITIES USER ACTIVITIES:  
ARMY - CE, GL, ME GSA - FSS  
NAVY - MC, SA ARMY - AV, MI  
NAVY - AS, SH

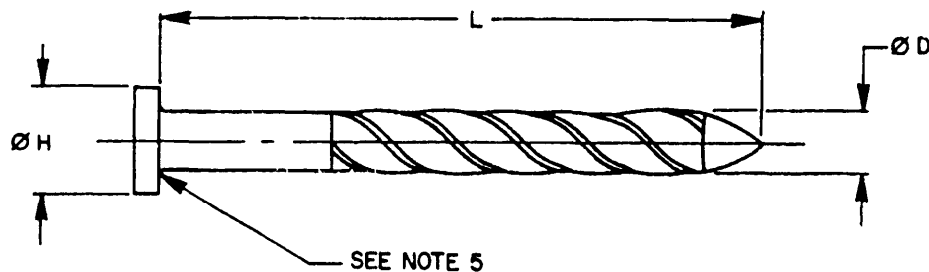


TABLE I. DASH NUMBERS AND DIMENSIONS.

PALLET NAIL				
DASH NUMBER	ØD ±.004	ØH	L	NUMBER PER LB (APPROX)
1	.120	.281 ±.028	2 ±1/16	144
2	.120	.281 ±.028	2 1/4 ±1/16	129
3	.120	.281 ±.028	2 1/2 ±1/16	117
4	.135	.312 ±.031	2 1/2 ±1/16	93
5	.135	.312 ±.031	3 ±3/32	79
6	.135	.312 ±.031	3 1/4 ±3/32	73
7	.148	.312 ±.031	3 1/2 ±3/32	57
8	.162	.343 ±.034	3 1/2 ±3/32	47
9	.177	.375 ±.037	4 ±3/32	35

## REQUIREMENTS:

- MATERIAL:** NAIL TYPE II, STYLE 18 SHALL BE MANUFACTURED FROM STIFF-STOCK STEEL, NON-HARDENED OR HARDENED, OR STEEL WIRE (FOR MECHANICAL DRIVERS) IN ACCORDANCE WITH THE PROCUREMENT SPECIFICATION.
- CHARACTERISTICS:** NAIL SHALL HAVE A FLAT HEAD, ALTERED OR T-HEAD (FOR MECHANICAL DRIVERS), DIAMOND POINT, ROUND, MECHANICALLY DEFORMED SHANK, BRIGHT FINISH (STEEL WIRE), (SEE NOTE 2) OR DARK (HARDENED STEEL). THE SHANK OF THE NAIL SHALL HAVE HELICAL TWISTS EXTENDING FROM THE POINT AT LEAST 2/3 OF THE SHANK LENGTH.
- SHANK DIAMETERS:** TOLERANCES ON SHANK DIAMETERS SHALL APPLY BEFORE APPLICATION OF PROTECTIVE COATINGS OR FINISHES. DIAMETERS OF MECHANICALLY DEFORMED SHANK SHALL BE MEASURED BEFORE DEFORMATION.
- LENGTHS:** TOLERANCES ON LENGTHS SHALL BE ±1/32 INCH FOR LENGTHS UP TO AND INCLUDING 1 INCH; ±1/16 INCH FOR LENGTHS OVER 1 INCH UP TO AND INCLUDING 2 1/2 INCHES; ±3/32 FOR LENGTHS OVER 2 1/2 INCHES UP TO AND INCLUDING 7 INCHES AND ±1/8 INCH FOR LENGTHS OVER 7 INCHES.
- HEAD DIAMETERS:**
  - HAND DRIVEN.** THE DIFFERENCE IN DIAMETERS ACROSS THE 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.
  - MECHANICALLY DRIVEN.** TOLERANCES ON HEAD DIAMETERS OF MECHANICALLY DRIVEN NAILS SHALL COMPLY WITH MANUFACTURER'S SPECIFICATIONS AND SHALL BE SUITABLE FOR USE IN THE MAKE AND MODEL OF GUN SPECIFIED.

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P. A. ARMY-AR Other Code NAVY-YD AIR FORCE-9S	INTERNATIONAL INTEREST	TITLE  NAIL, PALLET	MILITARY STANDARD  MS 51540
PROCUREMENT SPECIFICATION FF-N-105	SUPERSEDES	PAGE 1 OF 2	

FED. SUP CLASS  
 5315

6. PART NUMBER. THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER, PLUS THE DASH NUMBER FROM TABLE I.

EXAMPLE: MS51540-3

— DASH NUMBER

— BASIC MS SHEET NUMBER

MS51540-3 INDICATES - NAIL, PALLET, .120 SHANK DIAMETER, .281 HEAD DIAMETER AND 2 1/2 LONG.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. BRIGHT FINISH IS A TERM APPLIED TO NAILS WITH NATURAL BARE FINISH RESULTING FROM CLEANING OF NAILS WHICH HAVE NOT UNDERGONE TREATMENTS 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 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.

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P. A. ARMY-AR Other Cost NAVY-YD AIR FORCE-99	INTERNATIONAL INTEREST	TITLE  NAIL, PALLET	MILITARY STANDARD <b>MS 51540</b>
PROCUREMENT SPECIFICATION FF-N-105	SUPERSEDES:	PAGE 2 OF 2	

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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APPROVED 28 OCT 86 REVISED