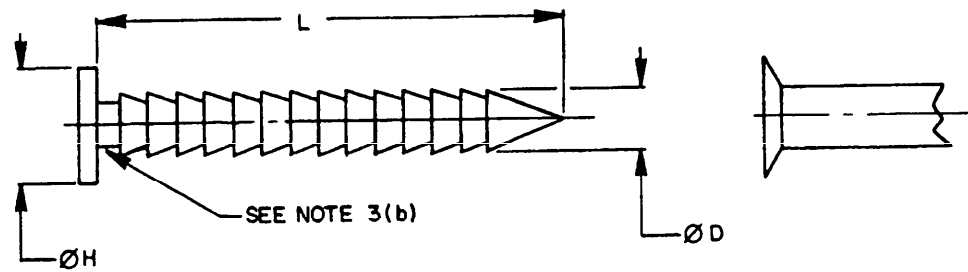


FED. SUP CLASS  
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FLAT

FLAT, SLIGHTLY CSK

TABLE I. DASH NUMBERS AND DIMENSIONS.

UNDERLAYMENT NAIL						
DASH NUMBER		COMM. SIZE	ØD ±.004	ØH (SEE REQ'T 5)	L	NUMBER PER LB (APPROX)
FLAT	CSK					
1	1A		.080	.188 ±.018	1 1/4	600
2	2A		.099	.250 ±.025	1 1/4	399
3	3A		.080	.188 ±.018	1 1/2	496
4	4A		.099	.250 ±.025	1 1/2	328
5	5A		.099	.250 ±.025	1 3/4	279
6	6A	6d	.106	.266 ±.026	1 7/8	175
7	7A	7d	.109	.266 ±.026	2 1/8	171
8	8A	8d	.113	.297 ±.029	2 3/8	141

## REQUIREMENTS:

- MATERIAL:** NAIL, TYPE 11, STYLE 25 SHALL BE MANUFACTURED FROM STEEL WIRE IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
- CHARACTERISTICS:** NAIL SHALL HAVE FLAT OR FLAT SLIGHTLY COUNTERSUNK HEAD, DIAMOND POINT, ROUND MECHANICALLY DEFORMED SHANK (RING STYLE) AND BRIGHT FINISH (SEE NOTE 2).
- SHANK DIAMETERS:** TOLERANCES ON SHANK DIAMETERS SHALL BE ±.004 INCH. DIAMETERS OF MECHANICALLY DEFORMED SHANKS 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 INCH OVER 2 1/2 INCHES UP TO AND INCLUDING 7 INCHES AND +1/8 INCH FOR LENGTHS OVER 7 INCHES.
- HEAD DIAMETERS:** THE DIFFERENCE IN DIAMETER 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 WILL BE WELL CENTERED.

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P. A.  
ARMY-AR  
Other Code  
NAVY-YD  
AIR FORCE-99

INTERNATIONAL  
INTEREST

TITLE

NAIL, UNDERLAYMENT

MILITARY STANDARD

MS 51542

PROCUREMENT SPECIFICATION  
FF-N-105

SUPERSEDES:

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

EXAMPLE: MS51542-2

DASH NUMBER

BASIC MS SHEET NUMBER

MS51542-2 INDICATES - NAIL, UNDERLAYMENT, .099 SHANK DIAMETER, .250 HEAD DIAMETER, 1 1/4 LONG, FLAT HEAD

## 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.

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

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APPROVED 28 OCT 86 REVISED

P. A. ARMY- AR Other Code NAVY- YD AIR FORCE-99	INTERNATIONAL INTEREST	TITLE  NAIL, UNDERLAYMENT	MILITARY STANDARD  MS 51542
PROCUREMENT SPECIFICATION FF-N-105	SUPERSEDES:		PAGE 2 OF 2