

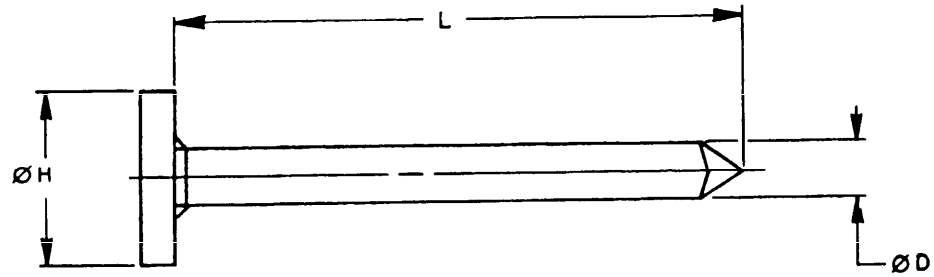
FED. SUP CLASS  
5315

TABLE I. DASH NUMBERS AND DIMENSIONS

COOLER NAIL					
DASH NUMBER	COMMERCIAL SIZE	$\varnothing D$	$\varnothing H$	L	NUMBER PER LB (APPRX)
-1	2d	.062 $\pm$ .002	.721 $\pm$ .017	1 $\pm$ 1/32	1,110
-2	3d	.067 $\pm$ .002	.188 $\pm$ .018	1 1/8 $\pm$ 1/16	839
-3	4d	.080 $\pm$ .004	.219 $\pm$ .021	1 3/8 $\pm$ 1/16	493
-4	5d	.086 $\pm$ .004	.234 $\pm$ .023	1 5/8 $\pm$ 1/16	366
-5	6d	.092 $\pm$ .004	.250 $\pm$ .025	1 7/8 $\pm$ 1/16	278
-6	7d	.099 $\pm$ .004	.266 $\pm$ .026	2 1/8 $\pm$ 1/16	212
-7	8d	.113 $\pm$ .004	.281 $\pm$ .028	2 3/8 $\pm$ 1/16	144
-8	9d	.113 $\pm$ .004	.281 $\pm$ .028	2 5/8 $\pm$ 3/32	131
-9	10d	.120 $\pm$ .004	.297 $\pm$ .029	2 7/8 $\pm$ 3/32	105

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REVIEWER ACTIVITIES: CIVIL AGENCIES COORDINATING ACTIVITIES  
ARMY - GL  
GSA - FSS  
USER ACTIVITIES:  
ARMY - AV, CE, ME, MI

P. A. ARMY-AR Other Cust NAVY-YD AIR FORCE-99	INTERNATIONAL INTEREST	TITLE  NAIL, COOLER	MILITARY STANDARD <b>MS 51548</b>
PROCUREMENT SPECIFICATION FF-N-105		SUPERSEDES:	PAGE 1 OF 2

FED. SUP CLASS  
5315

## REQUIREMENTS:

1. MATERIAL: NAIL, TYPE II, STYLE 7, SHALL BE MANUFACTURED FROM STEEL WIRE IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
2. CHARACTERISTICS: NAIL SHALL HAVE FLAT HEAD, ALTERED OR T-HEAD (FOR USE WITH MECHANICAL DRIVERS), WHEN SPECIFIED, DIAMOND POINT, ROUND SMOOTH SHANK, IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
3. PROTECTIVE COATING AND SURFACE TREATMENT: NAILS SHALL BE CEMENT COATED IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
4. SHANK DIAMETERS: TOLERANCES ON SHANK DIAMETERS SHALL BE  $\pm .004$  INCH FOR DIAMETERS .076 INCH AND LARGER, AND  $\pm .002$  INCH FOR DIAMETERS SMALLER THAN .076 INCH. TOLERANCES SHALL APPLY BEFORE APPLICATION OF PROTECTIVE COATING.
5. LENGTHS: TOLERANCES ON LENGTHS SHALL BE  $\pm 1/32$  INCH FOR LENGTHS UP TO AND INCLUDING 1 INCH;  $\pm 1/16$  INCH FOR LENGTHS OVER 1 INCH UP TO AND INCLUDING 2 1/2 INCHES;  $\pm 3/32$  INCH FOR LENGTHS OVER 2 1/2 INCHES UP TO AND INCLUDING 7 INCHES AND  $\pm 1/8$  INCH FOR LENGTHS OVER 7 INCHES.
6. HEAD DIAMETERS:
  - (A) HAND DRIVEN. 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 SHALL BE WELL CENTERED.
  - (B) MECHANICALLY DRIVEN: TOLERANCES ON HEAD DIAMETER OF MECHANICALLY DRIVEN NAILS SHALL COMPLY WITH MANUFACTURER'S SPECIFICATIONS AND SHALL BE SUITABLE FOR USE IN THE MAKE AND MODEL OF GUN SPECIFIED.
7. PART NUMBER. THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.

EXAMPLE: MS51548-7

DASH NUMBER

BASIC MS NUMBER

MS51548-7 INDICATES: NAIL, COOLER; .113 SHANK DIAMETER; .281 HEAD DIAMETER; 2 3/8 LENGTH; SMOOTH SHANK, CEMENT COATED.

## NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. 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.
3. 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 USER ACTIVITIES:  
ARMY-GL GSA-FSS ARMY-AV, CE, ME, MI

Comments and Agencies of the Department of Defense.  
and for repetitive use shall be made from this

APPROVED 28 OCT 86 REVISED

ARMY - AR	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
NAVY - YD		NAIL, COOLER	MS 51548
AIR FORCE - 29			PAGE 2 OF 2
DEFENSE INFORMATION	SUPERSEDES		

(10) 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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