

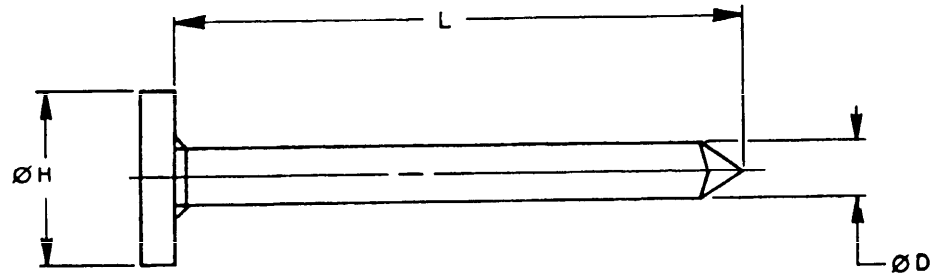
FED. SUP CLASS
5315

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 MS 51548
PROCUREMENT SPECIFICATION FF-N-105	SUPERSEDES:	PAGE 1 OF 2	

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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:
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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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