

TABLE I. DASH NUMBERS AND DIMENSIONS

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

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.
 This military standard is approved for use by all Departments and Agencies of the Department of Defense.
 Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

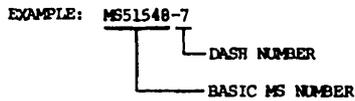
REVERSE ACTIVITIES-CIVIL AGENCIES COORDINATING ACTIVITIES
 GSA - FSS
 ARMY - GL
 USER ACTIVITIES:
 ARMY - AV, CE, ME, MI

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.
 This military standard is approved for use by all Departments and Agencies of the Department of Defense.
 Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

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

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.



'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 - AV, CE, ME, MI
 ARMY - GL GSA - FSS

Comments and Agencies of the Department of Defense. Conditions 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 - 99			PAGE 2 OF 2
SUPERSEDES:			