



TABLE 1 DASH NUMBERS AND DIMENSIONS

CLOUT NAIL						
DASH NUMBER			A	ØH	L	NUMBER PER LB (APPROX)
BRIGHT (UNCOATED)	BLUED	ZINC COATED				
1	1B	1C	.065 ± .002	.220 ± .024	3/4 ± 1/32	960
3	3B	3C	.0685 ± .002	.238 ± .024	7/8 ± 1/32	768
2	2B	2C	.072 ± .002	.259 ± .026	1 ± 1/32	576
4	4B	4C	.0775 ± .004	.284 ± .028	1 1/4 ± 1/16	384

## REQUIREMENTS

- MATERIAL:** NAIL, TYPE IV, STYLE 3 SHALL BE MANUFACTURED FROM STEEL WIRE IN ACCORDANCE WITH THE PROCUREMENT SPECIFICATION
- CHARACTERISTICS:** NAIL SHALL HAVE A FLAT HEAD, BLUNT POINT, WEDGE SHANK, BRIGHT FINISH (SEE NOTE 2) BLUED (SEE NOTE 3) OR ZINC COATED
- PROTECTIVE FINISH AND SURFACE TREATMENT:** CLOUT NAIL SHALL BE ZINC COATED IN ACCORDANCE WITH ASTM B633, TYPE II, CLASS FE/ZINC WHEN SPECIFIED
- SHANK DIAMETER:** TOLERANCES ON SHANK DIAMETERS SHALL BE ± .004 INCH FOR DIAMETERS .076 INCH AND LARGER, AND ± .002 INCH FOR DIAMETERS SMALLER THAN .076 INCH. TOLERANCES SHALL APPLY BEFORE APPLICATION OF PROTECTIVE COATING.
- 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 INCHES FOR LENGTHS OVER 2 1/2 INCHES UP TO AND INCLUDING 7 INCHES AND ± 1/8 INCH FOR LENGTHS OVER 7 INCHES
- HEAD DIAMETER:** THE DIFFERENCE IN DIAMETER ACROSS THE LONG AXIS SHALL NOT EXCEED THAT ACROSS 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.
- PART NUMBER:** THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER AND A DASH NUMBER FROM TABLE I

EXAMPLE MS90711-1  
 └── DASH NUMBER  
 └── BASIC MS NUMBER

MS90711-1 INDICATES- NAIL, CLOUT, .065 SHANK DIAMETER, .220 HEAD DIAMETER, 3/4 INCH LONG, BRIGHT FINISH (UNCOATED)

(A) ENTIRE STANDARD REVISED

P.A. ARMY - AR	INTERNATIONAL INTEREST	TITLE <b>NAIL, CLOUT (CUT)</b>	<b>MILITARY STANDARD</b>
Other Code NAVY - YD AIR FORCE - 99			<b>MS90711</b>
PROCUREMENT SPECIFICATION FF-N-105	SUPERSEDES	PAGE 1 OF 2	

REVIEWER ACTIVITIES  
ARMY - CE, ME  
NAVY - SA  
AIR FORCE - 02

USER ACTIVITIES  
ARMY - AM, MI  
NAVY - AS, MC, SH

DEV. AGENCIES COORDINATING ACTIVITIES  
GSA - FSS

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.

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## NOTES

- 1 ALL DIMENSIONS ARE INCHES
- 2 BRIGHT FINISH IS A TERM APPLIED TO NAILS WITH NATURAL BARE FINISH RESULTING FROM CLEANING NAILS WHICH HAVE NOT UNDERGONE TREATMENTS AFFECTING FINISH, SUCH AS HARDENING, BLUEING, COATING, PLATING, ETCHING AND PAINTING
- 3 BLUEED NAILS ARE STEEL NAILS THAT HAVE BEEN HEATED TO RESULT IN OXIDIZED BLUEISH SURFACE
- 4 IN THE EVENT OF A CONFLICT BETWEEN TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE
- 5 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  
ARMY-CE,ME  
NAVY-SA  
AIR FORCE-82

COORDINATING ACTIVITIES  
GSA-FSS

USER ACTIVITIES  
ARMY-AI,MI  
NAVY-AS,MC,SH

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APPROVED 18 DEC 62  
REVISED (A) FOR CHANGES SEE PAGES 1 AND 2

PA ARMY-AR Other Cust NAVY-YD AIR FORCE-99	INTERNATIONAL INTEREST	TITLE  NAIL,CLOUT (CUT)	MILITARY STANDARD MS90711
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DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS STANDARD OBSOLETE

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