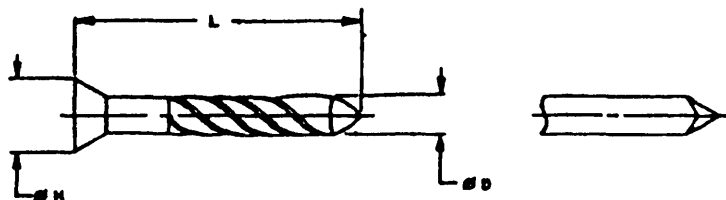


PDA. SUP. CLAM
5315

SCREW SHANK

SMOOTH SHANK

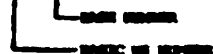
TABLE I. DATA DIMENSIONS AND DEVIATIONS

| FLOORING NAIL | | | | | | |
|---------------|-------|-----------------|-------------|-------------|--------------|--------------------------|
| NAIL NUMBER | | COMMERCIAL SIZE | ØD | ØS | L | NAILER PER LB (PREFRICK) |
| SUCKER | SCREW | | | | | |
| -1 | -11 | 36 | .072 ± .002 | .141 ± .014 | 1 1/4 ± 1/16 | 689 |
| -2 | -12 | 44 | .082 ± .004 | .156 ± .015 | 1 1/2 ± 1/16 | 369 |
| -3 | -13 | 60 | .113 ± .004 | .203 ± .020 | 2 ± 1/16 | 177 |
| -4 | -14 | 74 | .113 ± .004 | .203 ± .020 | 2 1/4 ± 1/16 | 128 |
| -5 | -15 | 88 | .113 ± .004 | .203 ± .020 | 2 1/2 ± 1/16 | 142 |
| -6 | -16 | 104 | .135 ± .004 | .250 ± .025 | 3 ± 1/16 | 82 |

REQUIREMENTS:

- MATERIAL:** NAIL, TYPE II, GRADE 15, SHALL BE MANUFACTURED FROM HARDENED STEEL OR STEEL, WIRE IN ACCORDANCE WITH REQUIREMENT SPECIFICATION.
- SHAPE/CONTOUR:** NAIL SHALL HAVE FLAT CURVED CONTOURED HEAD, SHARP POINT, SHARP OR MECHANICALLY IMPROVED SHANK (SCREW TYPE), IN ACCORDANCE WITH REQUIREMENT SPECIFICATION.
- HEAD DIMENSIONS:** DIMENSIONS ON HEAD DIMENSIONS SHALL BE ± .004 INCH FOR HEADS .500 INCH AND LARGER, ± .003 INCH FOR HEADS SMALLER THAN .500 INCH. DIMENSIONS OF POINTED HEADS SHALL BE MEASURED PERPENDICULAR TO THE CENTER LINE. DIMENSIONS OF MECHANICALLY IMPROVED SHANKS SHALL BE MEASURED BEFORE DEFORMATION.
- LENGTH:** DIMENSIONS ON LENGTHS SHALL BE ± 1/32 INCH FOR LENGTHS UP TO AND INCLUDING 1 INCH, ± 1/64 INCH FOR LENGTHS OVER 1 INCH UP TO AND INCLUDING 2 1/2 INCHES, ± 1/32 INCH FOR LENGTHS OVER 2 1/2 INCHES UP TO AND INCLUDING 7 INCHES AND ± 1/8 INCH FOR LENGTHS OVER 7 INCHES.
- HEAD IMPROVEMENT:** THE IMPROVEMENT IN HEADS SHALL BE DONE AFTER THE HEADS ARE ROUNDED OFF ACROSS THE SHANK AND IF THIS IS IN PRACTICE, A FILLER SHALL BE PROVIDED UNDER THE HEAD, AN ANGLE OR BUCKLE WILL BE ACCEPTABLE. HEADS SHALL BE WELL CHANGED.
- TYPE NUMBER:** THE TYPE NUMBER SHALL CONSIST OF THE BASIC NO NUMBER FOLLOWED BY A NAIL NUMBER FROM TABLE I.

EXAMPLE: MS1544-S



MS1544-S DIMENSIONS: NAIL, FLOORING; .113 SHANK DIAMETER; .203 HEAD DIAMETER; 2 1/2 LENGTH.

NOTES:

- ALL DIMENSIONS ARE IN INCHES.
- 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.
- REFERENCES GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THIS ISSUE OF THE DEPARTMENT OF DEFENSE BOOKS OF SPECIFICATIONS AND STANDARDS (DDP) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

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DEFENSE ACTIVITIES CIVIL AGENCIES COORDINATING ACTIVITIES WITH ACTIVITIES
ARMY-AR
NAVY-YD
AIR FORCE-99
GSA-FDS
NAVY-SA

| | | | |
|---------------------------------------|---------------------|------|-------------------------------|
| ARMY-AR NAVY-YD AIR FORCE-99 | DEFENSE INTEREST | DATE | MILITARY STANDARD MS 51544 |
| PROCUREMENT SPECIFICATION FF-N-105 | SUPPLEMENT | | PAGE 1 OF 1 |

AMSC N/A DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5315-0401

APPROVED 28 OCT 88

