

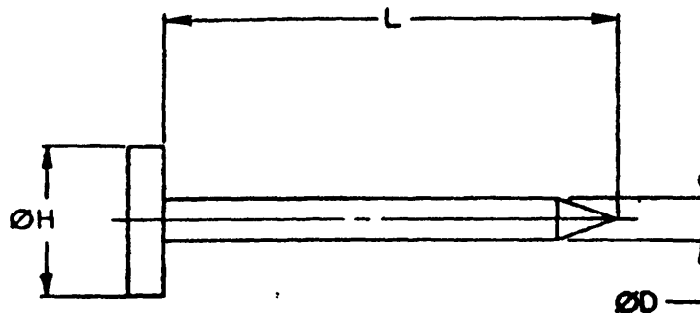
788 SUP CLASS
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TABLE I. SHANK SIZES AND DIMENSIONS

GYPSON WALLBOARD NAIL (SMOOTH SHANK)				
NAIL NUMBER	ØD ±.004	ØH	L ±1/16	NUMBER PER LB (APPROX)
1000	.088	.097 ±.009	1 1/8	433
1025	.092	.375 ±.037	1 1/8	449
1050	.093	.397 ±.039	1 1/4	425
1075	.093	.375 ±.037	1 3/4	294
1099	.106	.375 ±.037	1 1/4	319

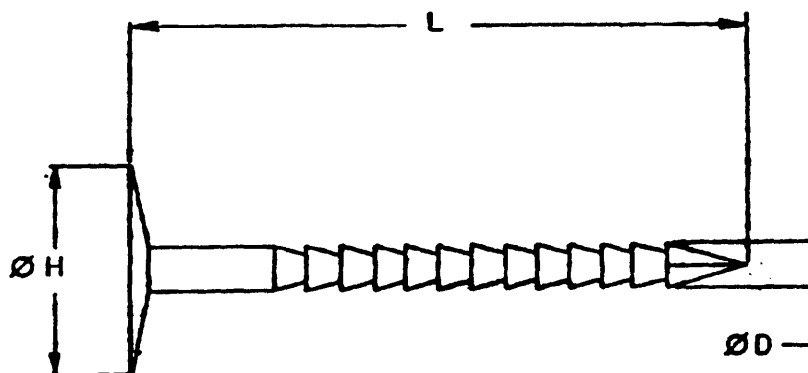


TABLE II. SHANK SIZES AND DIMENSIONS

GYPSUM WALLBOARD NAIL (MECHANICALLY DEFORMED SHANK)					
NAIL NUMBER		ØD ±.003	ØH +.047 -.031	L 1 1/16	NAILS PER LB. (APPROX)
UNFINISHED (SHANKS)	FINISHED				
201	2010	.099	.250	1 1/8	388
202	2020	.099	.250	1 1/4	349
203	2030	.099	.250	1 1/8	320
204	2040	.099	.250	1 1/2	290
205	2050	.099	.250	1 5/8	270

REVISIONS: 1. 10/1/80, J. A. Approved for same previous revision to specification.
 SUPERSEDES: 1. 10/1/80, J. A. Approved for same previous revision to specification.
 NAVY-YD
 AIR FORCE-99
 FF-N-105

DISPOSITION: 1. 10/1/80, J. A. Approved for same previous revision to specification.
 This military standard is approved for use by all Departments and Agencies of the Department of Defense.
 Selection for all new procurement and design applications and for repetitive use shall be made from this
 document when applicable.

PA	ARMY-AR	INTERNATIONAL STANDARD	TITLE	MILITARY STANDARD
Other Cost	NAVY-YD		NAIL, GYPSUM, WALL BOARD	MS51539
PROCURER'S SPECIFICATION	FF-N-105	SUPERSEDES:	PAGE	OF
			1	2

AMSC N/A

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5316-0396

APPROVED 20 JUL 86

FED. SUP. PLAN
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REQUIREMENTS:

1. MATERIAL: NAIL, TYPE 11, STYLE 19 SHALL BE MANUFACTURED FROM STEEL WIRE IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
2. CHARACTERISTICS:
 - A. SMOOTH SHANK: NAIL SHALL HAVE A FLAT HEAD, DIAMOND POINT, ROUND SMOOTH SHANK AND BLAZED FINISH.
 - B. MACHINICALLY REFORMED SHANK: NAIL SHALL HAVE A FLAT SLIGHTLY CONTOURED HEAD, LONG DIAMOND POINT, ROUND MACHINICALLY REFORMED SHANK AND BRIGHT (SEE NOTE 2) OR BLAZED FINISH.
3. WIRE DIMENSIONS:
 - A. SHANK SHANK: THE DIFFERENCE IN DIMENSIONS ACROSS LONG AXIS SHALL NOT EXCEED THAT ACROSS THE SHORT AXIS BY MORE THAN 10 PERCENT. A FILLER SHALL BE PROVIDED UNDER THE HEAD, AN ANGLE OR RADIUS WILL BE ACCEPTABLE. SHANK WILL BE WELL CHAMFERED.
 - B. HEAD: THE HEAD SHALL BE THIN (APPROXIMATELY .015 INCH) AT THE PERIPHERAL EDGE, THE HEAD SHALL BE UNIFORMLY TAPERED TO A SMALL FILLER AROUND THE SHANK, AND SHALL BE FREE FROM PROTRUSIONS UNIFORMITY TAPERED TO A SMALL FILLER AROUND THE SHANK, AND SHALL BE FREE FROM PROTRUSIONS AND SHARP, IRREGULAR EDGES.
4. CLEARANCE: SHOULD A INFORMATION PROVIDER OTHER THAN A SMOOTH-SHANK NAIL, A CLEARANCE AREA (ROUND AND BLAZED), REMOVED FROM THE TOP OF THE HEAD TO THE CHAMFERED SECTION, SHALL BE PROVIDED EQUAL TO THE NOMINAL THICKNESS OF SHANK UNLESS OTHERWISE SPECIFIED. THIS IS IN ACCORDANCE WITH ASTM A-644 "NAILS FOR THE APPLICATION OF SHANK UNIFORMITY".
5. PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC NO NUMBER, FOLLOWED BY A DASH NUMBER FROM TABLE I OR TABLE II.

EXAMPLE: MS51539-2020

DASH NUMBER FROM TABLE II

BASIC NO NUMBER

MS51539-2020 DIMENSIONS - NAIL, .200 DIAMETER, 1 1/4 LONG, .200 HEAD DIAMETER MACHINICALLY REFORMED SHANK AND BLAZED FINISH

EXAMPLE: MS51539-1020

DASH NUMBER FROM TABLE I

BASIC NO NUMBER

MS51539-1020 DIMENSIONS - NAIL, .200 DIAMETER, 1 1/4 LONG, .375 HEAD DIAMETER, SMOOTH SHANK, BLAZED FINISH

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. BRIGHT FINISH IS A TERM APPLIED TO NAILS WITH USUAL BASE FINISH RESULTING FROM CLEANING OF NAILS, WHICH HAVE NOT UNDERGONE TREATMENTS AFFECTING FINISH, SUCH AS HANDLING, BLAZING, COATING, PLATING, BECKING, AND PAINTING.
3. 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.
4. REFERENCES GOVERNMENT (FOR NON-GOVERNMENT) AGENCIES OF THE ARMS LISTED IN DASH NUMBER OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DOINS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

U.S. ARMY-AR		INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
Other Code			NAIL, GYPSUM, WALL BOARD	MS51539
NAVY-YD				
AIR FORCE-99				
PROCUREMENT SPECIFICATION		UNCLASSIFIED	PAGE	2 OF 2
PF-N-105				

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5315-0396

DEFENSE ACTIVITIES CIVIL AFFAIRS COORDINATING ACTIVITIES OVER ACTIVITIES
ARMY-CE-ME
NAVY-AS, MC, SH
NSA-NS

DEFENSE ACTIVITIES CIVIL AFFAIRS COORDINATING ACTIVITIES OVER ACTIVITIES
NAVY-3A
AIR FORCE-02

This military standard is approved for use by all Departments and Agencies of the Department of Defense.
Excluded for all other agencies. This standard is not to be used for any other purpose than that for which it was developed.

APPROVED 26 JUL 86