

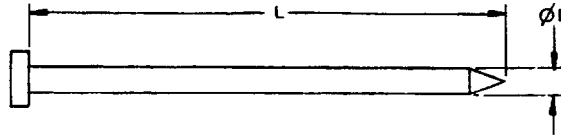
FED SUP CLASS
5315

TABLE I. DASH NUMBERS AND DIMENSIONS

BRIGHT STEEL				
DASH NUMBER	COMMERCIAL SIZE	L LENGTH	Ø D	NUMBER PER LB (APPROX)
-1	2d	1	.072	830
-2	3d	1 1/4	.080	540
-3	4d	1 1/2	.099	300
-4	5d	1 3/4	.099	255
-5	6d	2	.113	170
-6	7d	2 1/4	.113	150
-7	8d	2 1/2	.131	95
-8	9d	2 3/4	.131	90
-9	10d	3	.148	65
-10	12d	3 1/4	.148	60
-11	16d	3 1/2	.162	46
-12	20d	4	.192	28
-13	30d	4 1/2	.207	20
-14	40d	5	.226	17
-15	50d	5 1/2	.244	13
-16	60d	6	.262	10

TABLE III. DASH NUMBERS AND DIMENSIONS

COPPER				
DASH NUMBER	COMMERCIAL SIZE	L LENGTH	Ø D	NUMBER PER LB (APPROX)
-29	-	1	.072	704
-30	-	1 1/2	.109	208
-31	-	2	.120	130
-32	-	2 1/2	.134	86
-33	-	3	.148	56
-34	-	3 1/2	.165	40
-35	-	4	.203	23
-36	-	4 1/2	.220	18
-37	-	5	.238	14

TABLE II. DASH NUMBERS AND DIMENSIONS

ZINC COATED				
DASH NUMBER	COMMERCIAL SIZE	L LENGTH	Ø D	NUMBER PER LB (APPROX)
-17	2d	1	.072	789
-18	3d	1 1/4	.080	496
-19	4d	1 1/2	.099	274
-20	6d	2	.113	155
-21	8d	2 1/2	.131	91
-22	10d	3	.148	61
-23	12d	3 1/4	.148	57
-24	16d	3 1/2	.162	44
-25	20d	4	.192	26
-26	30d	4 1/2	.207	20
-27	40d	5	.226	17
-28	50d	5 1/2	.244	13
-29	60d	6	.262	10

TABLE IV. DASH NUMBERS AND DIMENSIONS

CEMENT COATED				
DASH NUMBER	COMMERCIAL SIZE	L LENGTH	Ø D	NUMBER PER LB (APPROX)
-39	2d	1	.072	757
-40	6d	2	.113	132
-41	8d	2 1/2	.130	78
-42	12d	3 1/4	.148	54
-43	16d	3 1/2	.162	41
-44	20d	4	.192	25
-45	30d	4 1/2	.207	18
-46	60d	6 1/8	.262	9

Ⓐ ENTIRE STANDARD REVISED

P A ARMY-AR Other Code NAVY-YD AIR FORCE-99	INTERNATIONAL INTEREST	TITLE NAIL, COMMON; WIRE	MILITARY STANDARD	
			MS 90-713	
PROCUREMENT SPECIFICATION FF-N-105		SUPERSEDES:		PAGE 1 OF 2

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.

USER ACTIVITIES
 ARMY - AV, CE
 NAVY - AS, MC, SH

REVIEWER ACTIVITIES CIVIL AGENCY COORDINATING ACTIVITIES
 ARMY - GL, ME, MI GSA-FSS
 NAVY - SA
 DLA - IS

USER ACTIVITIES:
ARMY-AV, CE
NAVY-AS, MC, SH

REVIEWER ACTIVITIES: CIVIL AGENCY COORDINATING ACTIVITIES
ARMY-GL, ME, MI GSA-FSS
NAVY-SA
DLA-IS

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

FED SUP CLASS
5315

REQUIREMENTS:

1. **MATERIAL:** COMMON WIRE NAIL SHALL BE MANUFACTURED FROM STEEL WIRE, BRIGHT FINISH (SEE NOTE 2), OR COPPER WITH ROUND SMOOTH SHANK, DIAMOND POINT, FLAT HEAD, ZINC OR CEMENT COATED IN ACCORDANCE WITH TYPE II, STYLE 10 OF PROCUREMENT SPECIFICATION.
2. **PROTECTIVE COATING AND SURFACE TREATMENT.** COMMON WIRE NAIL SHALL BE ZINC COATED OR CEMENT COATED IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
3. **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 COATINGS AND FINISHES.
4. **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 INCLUDING 2 1/2 INCHES; $3/32$ INCH FOR LENGTHS OVER 2 1/2 INCHES UP TO AND INCLUDING 7 INCHES; AND $\pm 1/8$ INCH FOR LENGTHS OVER 7 INCHES.
5. **PART NUMBER:** THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER, FOLLOWED BY A DASH NUMBER FROM TABLES I, II, III OR IV.

EXAMPLE: MS90713-1

DASH NUMBER

BASIC MS NUMBER

MS90713-1 INDICATES - NAIL, COMMON, WIRE, BRIGHT STEEL, 2d COMMERCIAL SIZE, 1 INCH LENGTH, .072 DIAMETER

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. BRIGHT FINISH - TERM APPLIED TO NAIL WITH NATURAL BARE FINISH RESULTING FROM CLEANING OF NAILS WHICH HAVE NOT UNDERGONE TREATMENT AFFECTING FINISH, SUCH AS HARDENING, BLUING, COATING, PLATING, ETCHING 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. 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.

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

P A ARMY- AR Other Cust NAVY- YD AIR FORCE-99	INTERNATIONAL INTEREST	TITLE NAIL, COMMON; WIRE	MILITARY STANDARD MS 90713
PROCUREMENT SPECIFICATION FF-N-105	SUPERSEDES:	PAGE 2 OF 2	