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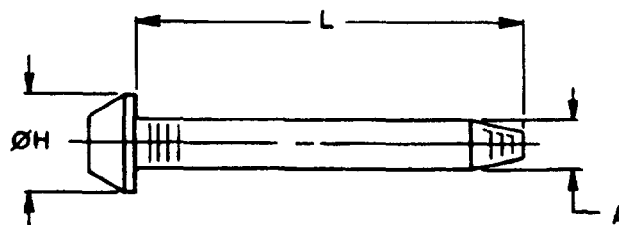
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5315

TABLE I. DASH NUMBERS AND DIMENSIONS

SQUARE SPIKES				
DASH NUMBER	A (SQUARE)	ØH	L	NO./100LBS (APPROX)
1	.375	.6875	5	460
2	.375	.6875	6	374
3	.375	.6875	7	317
4	.375	.6875	8	277
5	.500	1.000	9	147
6	.500	1.000	10	131
7	.500	1.000	12	106

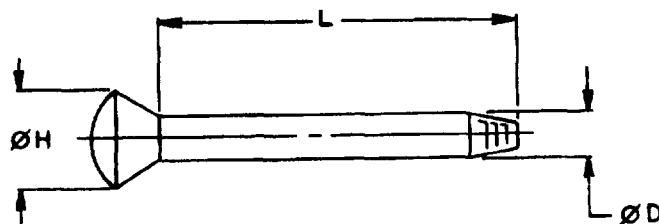


TABLE II. DASH NUMBERS AND DIMENSIONS

ROUND WIRE SPIKES					
DASH NUMBER	COMM DES	L	ØD	ØH	APPROX NO./LB
8	40d	5	.2625	.531	13
9	60d	6	.283	.562	9
10		7	.312	.625	7
11		8	.375	.750	4

A ENTIRE STANDARD REVISED

PA ARMY-AR Other Cont NAVY-YD AIR FORCE-99	INTERNATIONAL INTEREST	TITLE <b>SPIKES; BARGE AND BOAT</b>	<b>MILITARY STANDARD</b> <b>MS90717</b>
PROCUREMENT SPECIFICATION FF-N-105	SUPERSEDES	PAGE 1	OF 2

DD FORM 1 MAY 63 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5315-0430

APPROVED 18 DEC 62 REVISED A 25 JAN 86

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REVIEWER ACTIVITIES  
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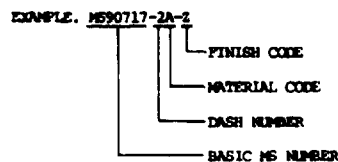
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#### REQUIREMENTS

1. **MATERIAL:** SQUARE SPIKES, TYPE V, STYLE 4, SHALL BE MANUFACTURED FROM WROUGHT IRON, COPPER SILICON ALLOY OR AUSTENITIC CORROSION-RESISTANT STEEL IN ACCORDANCE WITH THE PROCUREMENT SPECIFICATION. ROUND WIRE SPIKES, TYPE V, STYLE 3, SHALL BE MANUFACTURED FROM STEEL WIRE IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.  
CODE A - WROUGHT STEEL  
CODE B - COPPER SILICON ALLOY  
CODE C - AUSTENITIC CORROSION-RESISTANT STEEL
2. **CHARACTERISTICS:** SQUARE SPIKES SHALL HAVE A CHISEL POINT, DIAMOND HEAD AND SMOOTH SQUARE SHANK. ROUND WIRE SPIKES SHALL HAVE A CHISEL POINT, OVAL COUNTERSUNK HEAD AND SMOOTH ROUND SHANK.
3. **PROTECTIVE COATING AND SURFACE TREATMENT:** SQUARE AND ROUND SPIKES MADE OF WROUGHT IRON OR STEEL WIRE SHALL BE ZINC COATED IN ACCORDANCE WITH ASTM B633, TYPE 11, CLASS FE/ZN13, LUSTRE BRIGHT, AND AS CODED IN REQUIREMENT 5.
4. **MAGNETIC PERMEABILITY:** CORROSION-RESISTANT STEEL SHALL HAVE A MAGNETIC PERMEABILITY OF 2.0 MAXIMUM IN FIELDS OF 100 TO 200 OERSTEDS.
5. **PART NUMBER:** THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER, A DASH NUMBER FROM TABLE I OR II, MATERIAL CODE LETTER, AND THE FINISH CODE LETTER "Z" FOR ZINC COAT WHEN SPECIFIED.



MS90717-2A-Z INDICATES- SQUARE, SPIKE 375 (SQUARE) 6 INCHES LONG, WROUGHT STEEL, ZINC COATED.

#### NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. IN THE EVENT OF 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.

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

P.A. ARMY-AR		INTERNATIONAL INTEREST	TITLE <b>SPIKES; BARGE AND BOAT</b>	<b>MILITARY STANDARD</b>
Other Code NAVY-YD AIR FORCE-99				<b>MS90717</b>
PROCUREMENT SPECIFICATION FF-N-105		SUPERSEDES		PAGE 2 OF 2