

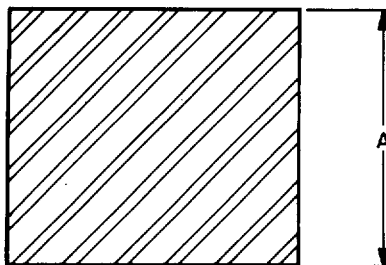
FED. SUP CLASS  
9505

TABLE I. DASH NUMBERS

DASH NO	A	SUFFIX <sup>1/</sup>	GRADE <sup>2/</sup>
001	.094	10	A
003	.125	10	A
005	.188	10	A
007	.188	12	A
009	.188	10	C
011	.250	10	A
013	.250	9	C
015	.281	10	A
017	.312	12	A
019	.312	10	C

<sup>1/</sup> SEE REQT 2<sup>2/</sup> SEE REQT 2

## REQUIREMENTS:

1. MATERIAL. TOOL STEEL TYPE W1 (UNS T72301), AS SPECIFIED IN PROCUREMENT DOCUMENT.
2. CONDITION.

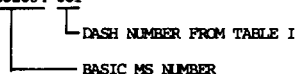
SUFFIX	CARBON RANGE OF
9	.9 - 1.0
10	1.0 - 1.1
12	1.2 - 1.3

GRADE A IS REFERRED TO AS EXTRA OR SPECIAL; THE CHEMICAL COMPOSITION IS HELD TO CLOSEST LIMITS FOR CONTROLLED HARDENABILITY - REGULAR HARDENING.

GRADE C IS REFERRED TO AS REGULAR OR STANDARD; IT IS INTENDED FOR APPLICATIONS THAT DO NOT REQUIRE CONTROLLED HARDENABILITY AND WHERE SOME LATITUDE IN UNIFORMITY IS PERMISSIBLE.

3. LENGTH. STANDARD LENGTH OF SQUARE WIRE IS 10 FEET MINIMUM, 12 FEET MAXIMUM.
4. FORMING PROCESS. HOT FORMED.
5. FINISH. AS SPECIFIED IN PROCUREMENT DOCUMENT.
6. HEAT TREATMENT. ANNEALED.
7. PART NUMBER. THE PART NUMBER CONSISTS OF THE BASIC MS NUMBER, PLUS A DASH NUMBER FROM TABLE I.

EXAMPLE: MS52054-001



8. MARKING. TOOL STEEL SHALL BE MARKED IN ACCORDANCE WITH FED-STD-183 WITH THE EXCEPTION THAT A PART NUMBER FROM THIS MILITARY STANDARD SHALL BE INCLUDED AS PART OF THE IDENTIFICATION MARKING.

## NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. 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.
3. REFERENCED GOVERNMENT (OR NONGOVERNMENT) 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.

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P.A. Other Cust	MR 99	INTERNATIONAL INTEREST	TITLE WIRE, SQUARE, NONELECTRICAL, TOOL STEEL, TYPE W1	MILITARY STANDARD MS52054
PROCUREMENT SPECIFICATION ASTM-A686			SUPERSEDES:	PAGE   OF

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9505-0167

APPROVED  
31 JUL 85  
REVISED