

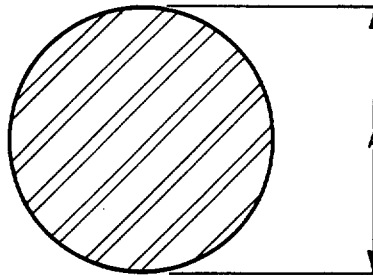
FED. SUP CLASS
9505

TABLE I. DASH NUMBERS

DASH NO	A	SUFFIX ^{1/}	GRADE ^{2/}
001	.031	9-1/2	C
003	.062	9-1/2	A
005	.062	9-1/2	C
007	.078	9-1/2	C
009	.125	9-1/2	A
011	.125	9-1/2	C
013	.141	9-1/2	C
015	.156	9-1/2	A
017	.156	9-1/2	C
019	.172	9-1/2	C
021	.187	9-1/2	C
023	.188	9-1/2	C

DASH NO	A	SUFFIX ^{1/}	GRADE ^{2/}
025	.203	9-1/2	C
027	.218	9-1/2	C
029	.234	9-1/2	C
031	.250	9-1/2	A
033	.250	9-1/2	C
035	.281	9-1/2	C
037	.312	9-1/2	A
039	.312	9-1/2	C

^{1/} SEE REQT 2
^{2/} SEE REQT 2

REQUIREMENTS:

- MATERIAL. TOOL STEEL TYPE W2 (UNS T72302), AS SPECIFIED IN PROCUREMENT DOCUMENT.
- CONDITION.

SUFFIX CARBON RANGE OF
 9-1/2 .95 - 1.05

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.

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

EXAMPLE: MSS2053-001

DASH NUMBER FROM TABLE I

BASIC MS NUMBER

- 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:

- 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.
- 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.

P.A. Other Cust	MR 99	INTERNATIONAL INTEREST	TITLE WIRE, ROUND, NONELECTRICAL TOOL STEEL, TYPE W2	MILITARY STANDARD MS52053
PROCUREMENT SPECIFICATION ASTM-A686			SUPERSEDES:	PAGE OF

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9505-0166

USER ACTIVITIES:

 REVIEWER ACTIVITIES:
 ARMY-AR, EA, MI
 AIR FORCE-84
 DLA-IS

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 APPROVED
 31 JUL 85
 REVISED