

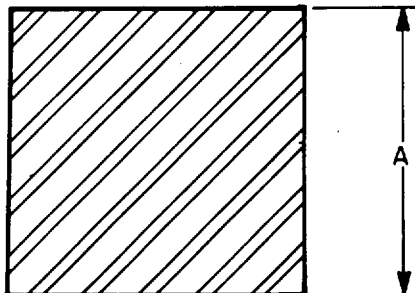
FED. SUP CLASS
9510

TABLE I. DASH NUMBERS

DASH NO	A	SUFFIX ^{1/}	GRADE ^{2/}
001	.375	8	A
003	.375	9	A
005	.375	10	A
007	.375	12	A
009	.375	10	C
011	.438	12	A
013	.500	10	A
015	.500	12	C
017	.500	10	C
019	.500	9	C
021	.625	12	A
023	.625	9	C
025	.750	12	A
027	.750	10	A
029	.750	12	C
031	.750	10	C
033	.750	9	C
035	1.000	12	A
037	1.000	10	C
039	1.000	9	C
041	1.250	9	C
043	1.500	9	A
045	1.500	10	C
047	1.750	9	A
049	2.000	9	C
051	2.500	8	C
053	4.000	9	A

^{1/} SEE REQ 2
^{2/} SEE REQ 2

USER ACTIVITIES:

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P.A. Other Cust	MR 99	INTERNATIONAL INTEREST	TITLE BAR, SQUARE, TOOL STEEL, TYPE W1	MILITARY STANDARD MS52083
PROCUREMENT SPECIFICATION ASTM-A 686			SUPERSEDES:	PAGE 1 OF 2

DD FORM 1 MAY 73 **672-1** (COORDINATED)

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REQUIREMENTS:

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

SUFFIX	CARBON RANGE OF
8	.8 - .9
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 BAR 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: MS52083-001

└─ DASH NUMBER FROM TABLE I
└─ BASIC MS NUMBER

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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