

TABLE I. DASH NUMBERS.

DASH NO	A	B	FINISH
001	.015	30.000	MATTE
003	.018	36.000	MATTE
005	.024	30.000	MATTE
007	.024	36.000	MATTE
009	.024	48.000	MATTE
011	.030	36.000	MATTE
013	.030	48.000	MATTE
015	.031	30.000	MATTE
017	.031	48.000	MATTE
019	.036	36.000	MATTE
021	.036	48.000	MATTE
023	.048	36.000	MATTE
025	.060	48.000	MATTE
027	.060	60.000	MATTE
029	.061	30.000	MATTE
031	.075	36.000	MATTE
033	.075	48.000	MATTE
035	.076	48.000	MATTE
037	.105	36.000	MATTE
039	.105	48.000	MATTE
041	.105	60.000	MATTE
043	.120	48.000	MATTE
045	.125	36.000	MATTE
047	.125	42.000	MATTE
049	.125	48.000	MATTE
051	.125	60.000	MATTE
053	.134	48.000	MATTE
055	.156	48.000	MATTE
057	.156	60.000	MATTE
059	.187	48.000	MATTE

USER ACTIVITIES:

REVIEWER ACTIVITIES:

AIR FORCE-84

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.

APPROVED 28 NOV 84
REVISED

P.A.	MR	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
Other Cust	AS		SHEET, METAL, LOW CARBON STEEL (1010) COLD AND HOT ROLLED	MS52042
	99			
PROCUREMENT SPECIFICATION	SEE NOTE 4	SUPERSEDES:	PAGE	OF
			1	2

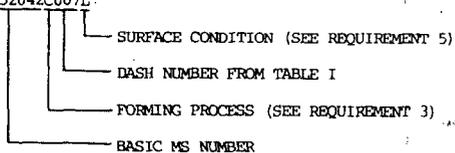
REQUIREMENTS:

1. **MATERIAL.** STEEL, CARBON, GRADE 1010 (UNS G10100) AS SPECIFIED IN ANSI/ASTM A366-72 AND ASTM A569-79.
2. **LENGTH.** STANDARD LENGTH OF SHEET IS 10 FEET MINIMUM, 12 FEET MAXIMUM.
3. **FORMING PROCESS.** COLD ROLLED - CODE "C"
HOT ROLLED - CODE "H"
4. **FINISH.** AS SPECIFIED IN TABLE I.
5. **SURFACE CONDITION.** COLD ROLLED, LOW CARBON STEEL SHEET SHALL BE OILED OR OIL FREE. HOT ROLLED, LOW CARBON STEEL SHEET SHALL BE OILED, OIL FREE OR PICKLED.

CODE LETTERS - OILED "L"
- PICKLED "P"
- OIL FREE "F"

6. **PART NUMBER.** THE PART NUMBER CONSISTS OF THE BASIC MS NUMBER, PLUS A FORMING PROCESS CODE, PLUS A DASH NUMBER FROM TABLE I AND A FINISH SPECIAL TREATMENT CODE (IF REQUIRED).

EXAMPLE: MS52042C007L



7. **MARKING.** LOW CARBON 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. HOT ROLLED, LOW CARBON STEEL SHEET IS NOT AVAILABLE WITH A FINISH.
3. HOT ROLLED, LOW CARBON STEEL SHEETS SHALL HAVE A NATURAL MILL EDGE, AND COLD ROLLED, LOW CARBON STEEL SHEETS SHALL HAVE A CUT EDGE.
4. ANSI/ASTM A366-72 SHALL BE USED AS A PROCUREMENT SPECIFICATION FOR COLD ROLLED, LOW CARBON STEEL SHEETS. ASTM A569-79 SHALL BE USED AS A PROCUREMENT SPECIFICATION FOR HOT ROLLED, LOW CARBON STEEL SHEETS.
5. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS, OR REQUEST FOR PROPOSAL, EXCEPT THE REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.
6. FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

USER ACTIVITIES:

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P.A. Other Cust	MR AS 99	INTERNATIONAL INTEREST	TITLE SHEET, METAL, LOW CARBON STEEL (1010) COLD AND HOT ROLLED	MILITARY STANDARD MS52042
PROCUREMENT SPECIFICATION SEE NOTE 4		SUPERSEDES:		PAGE 2 OF 2