



TABLE 1. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	A	B	HEAT TREATMENT	FORMING <sup>1/</sup> PROCESS	ADDITIONAL <sup>2/</sup> REQUIREMENTS
001	.250	3.250	ANNEALED	H	DO
003	.313	2.750	ANNEALED	C	MF
005	.375	.750	ANNEALED	H	BAP
007	.375	1.000	ANNEALED	H	DO
009	.375	2.000	ANNEALED	C	MF
011	.500	.750	NORMALIZED	C	MF
013	.500	1.000	ANNEALED	C	MF
015	.500	1.250	NORMALIZED	C	MF
017	.500	1.500	ANNEALED	H	BAP
019	.500	2.000	ANNEALED	C	MF
021	.500	4.000	ANNEALED	H	BAP
023	.625	1.500	NORMALIZED	C	MF
025	.625	2.000	ANNEALED	C	MF
027	.625	4.000	ANNEALED	C	MF
029	.750	1.000	ANNEALED	H	BAP
031	.750	1.500	ANNEALED	C	MF
033	.750	2.000	NORMALIZED	C	MF
035	.750	5.500	ANNEALED	H	BAP
037	.875	3.000	ANNEALED	C	MF
039	1.000	1.500	ANNEALED	C	MF
041	1.000	1.750	NORMALIZED	C	MF
043	1.000	2.000	ANNEALED	H	BAP
045	1.000	2.500	ANNEALED	C	MF
047	1.000	3.000	ANNEALED	H	BAP
049	1.000	4.000	ANNEALED	C	MF
051	1.000	7.000	ANNEALED	C	MF
053	1.250	1.500	NORMALIZED	C	MF
055	1.250	2.250	NORMALIZED	H	BAP
057	1.250	2.250	NORMALIZED	C	MF
059	1.250	3.000	ANNEALED	C	MF
061	1.250	3.500	ANNEALED	C	MF
063	1.250	4.000	ANNEALED	C	MF
065	1.375	2.500	ANNEALED	H	DO
067	1.500	1.625	ANNEALED	C	MF
069	1.500	1.750	NORMALIZED	C	MF
071	1.500	2.000	ANNEALED	C	MF
073	1.500	2.000	ANNEALED	H	BAP
075	1.500	3.000	ANNEALED	H	BAP
077	1.500	5.000	ANNEALED	H	BAP
079	1.500	6.000	ANNEALED	C	MF

USER ACTIVITIES:

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AMSC N/A

PA NAVY-AS Other Cust ARMY-MR AIR FORCE-99	INTERNATIONAL INTEREST	TITLE BAR, METAL, RECTANGULAR, ALLOY STEEL E 4340	MILITARY STANDARD MS14527
PROCUREMENT SPECIFICATION MIL-S-5000	SUPERSEDES.	PAGE 1 OF 2	

DD FORM 1 MAY 73 672-1 (COORDINATED)

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TABLE 1. DASH NUMBERS AND DIMENSIONS - CONTINUED

DASH NUMBER	A	B	HEAT TREATMENT	FORMING <sup>1/</sup> PROCESS	ADDITIONAL <sup>2/</sup> REQUIREMENTS
081	1.750	2.000	ANNEALED	C	MF
083	1.750	3.500	ANNEALED	H	DO
085	2.000	2.500	NORMALIZED	C	MF
087	2.000	3.000	ANNEALED	H	DO
089	2.000	3.000	ANNEALED	C	RTO
091	2.000	4.000	ANNEALED	H	DO
093	2.000	6.000	ANNEALED	H	BAP
095	2.250	3.500	ANNEALED	H	BAP
097	2.250	7.000	ANNEALED	C	MF
099	2.500	3.000	ANNEALED	H	DO
101	2.500	3.500	ANNEALED	H	DO
103	2.500	4.000	ANNEALED	H	BAP
105	2.750	4.250	ANNEALED	H	DO
107	3.000	4.000	ANNEALED	H	BAP
109	3.000	4.000	NORMALIZED & TEMPERED	H	DO
111	4.000	5.000	ANNEALED	H	BAP
113	4.000	5.000	ANNEALED	C	DO
115	4.000	6.000	ANNEALED	H	DO
117	4.750	6.000	ANNEALED	H	BAP
119	5.000	6.000	ANNEALED	H	DO
121	6.500	10.000	ANNEALED	H	BAP

<sup>1/</sup> SEE REQUIREMENT 3  
<sup>2/</sup> SEE REQUIREMENT 4

## REQUIREMENTS:

- MATERIAL:** ALLOY STEEL, E4340 (UNS G43406), AS SPECIFIED IN PROCUREMENT DOCUMENT.
- LENGTH:** STANDARD LENGTH OF RECTANGULAR BAR IS 10 FEET MINIMUM, 12 FEET MAXIMUM.
- FORMING PROCESS:**

COLD DRAWN - CODE "C"  
HOT ROLLED - CODE "H"

4. **ADDITIONAL REQUIREMENTS:**

DESCALED OVERALL - CODE "DO"  
MILL FINISH - CODE "MF"  
BLACK AS FORGED - CODE "BAP"

- PART NUMBER:** THE PART NUMBER CONSISTS OF THE BASIC MS NUMBER, PLUS A DASH NUMBER FROM TABLE 1.

EXAMPLE: MS14527-001

(SEE TABLE 1)  
BASIC MS NUMBER

- MARKING:** IRON AND STEEL PRODUCTS 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 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.

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