

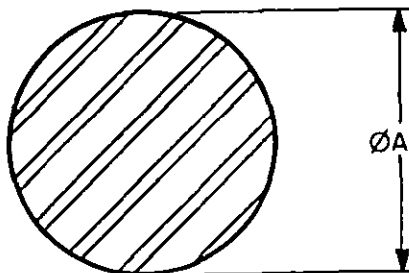
FED SUP CLASS  
9510

TABLE 1. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	Ø A	HEAT TREATMENT	FORMING <sup>1/</sup> PROCESS	ADDITIONAL <sup>2/</sup> REQUIREMENTS
001	.375	NORMALIZED	C	MF
003	.375	ANNEALED	C	MF
005	.437	ANNEALED	C	MF
007	.438	ANNEALED	H	RTO
009	.438	NORMALIZED	H	RTO
011	.438	ANNEALED	C	MF
013	.500	NORMALIZED & TEMPERED	C	MF
015	.500	ANNEALED	C	MF
017	.500	NORMALIZED	C	MF
019	.562	ANNEALED	H	RTO
021	.562	ANNEALED	C	MF
023	.625	ANNEALED	C	RTO
025	.625	ANNEALED	H	RTO
027	.625	ANNEALED	C	MF
029	.688	NORMALIZED	C	MF
031	.688	ANNEALED	C	MF
033	.750	ANNEALED	H	RTO
035	.750	ANNEALED	H	RTO
037	.750	NORMALIZED	H	RTO
039	.750	ANNEALED	C	MF
041	.750	NORMALIZED	C	MF
043	.812	NORMALIZED & TEMPERED	C	MF
045	.875	ANNEALED	H	RTO
047	.875	ANNEALED	C	MF
049	.875	ANNEALED	H	RTO
051	.938	ANNEALED	H	RTO
055	1.000	ANNEALED	C	MF
057	1.000	NORMALIZED	C	MF
059	1.000	ANNEALED	H	BAP
061	1.000	ANNEALED	H	RTO
063	1.000	NORMALIZED	H	RTO
065	1.062	NORMALIZED & TEMPERED	C	MF
067	1.125	ANNEALED	H	RTO
069	1.125	NORMALIZED	C	MF
071	1.125	ANNEALED	H	RTO
073	1.125	ANNEALED	H	RTO
075	1.125	ANNEALED	C	MF
077	1.250	ANNEALED	H	RTO
079	1.250	QUENCH HARDENED & TEMPERED	C	TV

USER ACTIVITIES:

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P.A. NAVY-AS Other Cust ARMY-MR AIR FORCE-99	INTERNATIONAL INTEREST	TITLE BAR, METAL, ROUND, ALLOY STEEL E4340	MILITARY STANDARD	
			MSI4528	
PROCUREMENT SPECIFICATION MIL-S-5000	SUPERSEDES.	PAGE 1	OF 3	

APPROVED DEC 21 1987  
REVISED

DD FORM 1 MAY 71 672-1 (COORDINATED)

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TABLE I. DASH NUMBERS AND DIMENSIONS - CONTINUED

DASH NUMBER	Ø A	HEAT TREATMENT	FORMING <sup>1</sup> PROCESS	ADDITIONAL <sup>2</sup> REQUIREMENTS
081	1.250	NORMALIZED	C	MF
083	1.250	ANNEALED	H	RTO
085	1.250	ANNEALED	H	RTO
087	1.250	ANNEALED	C	MF
089	1.375	ANNEALED	H	RTO
091	1.375	ANNEALED	H	RTO
093	1.375	ANNEALED	H	RTO
095	1.375	ANNEALED	C	MF
097	1.500	ANNEALED	C	MF
099	1.625	ANNEALED	H	RTO
101	1.625	ANNEALED	C	MF
103	1.750	ANNEALED	H	RTO
		TEMPERED		
105	1.750	ANNEALED	C	MF
107	1.875	NORMALIZED & TEMPERED	C	MF
109	1.875	ANNEALED	H	RTO
111	1.875	ANNEALED	C	MF
113	2.000	ANNEALED	H	RTO
115	2.000	HARDENED & TEMPERED	H	RTO
117	2.000	ANNEALED	C	MF
119	2.000	NORMALIZED & TEMPERED	H	RTO
121	2.000	NORMALIZED	H	RTO
123	2.000	ANNEALED	H	RTO
125	2.250	ANNEALED	C	MF
127	2.250	NORMALIZED	H	RTO
129	2.250	ANNEALED	H	RTO
131	2.500	NORMALIZED & TEMPERED	H	RTO
133	2.500	NORMALIZED	H	RTO
135	2.500	ANNEALED	H	RTO
137	2.750	ANNEALED	H	BAP
139	2.750	NORMALIZED	H	RTO
141	3.000	ANNEALED	H	RTO
143	3.000	ANNEALED	C	MF
145	3.000	NORMALIZED	H	RTO
147	3.500	ANNEALED	H	RTO
149	3.500	NORMALIZED & TEMPERED	H	RTO
151	3.750	ANNEALED	H	RTO
153	4.000	ANNEALED	H	RTO
155	4.000	NORMALIZED & TEMPERED	H	RTO
157	4.500	ANNEALED	H	RTO
159	4.500	ANNEALED	C	MF
161	4.750	ANNEALED	H	RTO
163	5.000	ANNEALED	H	RTO

<sup>1</sup>/ SEE REQUIREMENT 3<sup>2</sup>/ SEE REQUIREMENT 4REVISED  
APPROVED DEC 21 1987

P.A. NAVY-AS Other Cust ARMY-MR AIR FORCE-99	INTERNATIONAL INTEREST	TITLE BAR, METAL, ROUND, ALLOY STEEL E 4340	MILITARY STANDARD MS14528
PROCUREMENT SPECIFICATION MIL-S-5000		SUPERSEDES	PAGE 2 OF 3

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		FED. SUP CLASS 9510	
<b>REQUIREMENTS:</b> 1. <b>MATERIAL:</b> ALLOY STEEL, E4340 (UNS G43406), AS SPECIFIED IN PROCUREMENT DOCUMENT. 2. <b>LENGTH:</b> STANDARD LENGTH OF ROUND BAR IS 10 FEET MINIMUM, 12 FEET MAXIMUM. 3. <b>FORMING PROCESS:</b> COLD DRAWN - CODE "C" HOT ROLLED - CODE "H" 4. <b>ADDITIONAL REQUIREMENTS:</b> MILL FINISH - CODE "MF" ROUGH TURNED OVERALL - CODE "RTO" TURNED AND POLISHED - CODE "TP" 5. <b>PART NUMBER:</b> THE PART NUMBER CONSISTS OF THE BASIC NS NUMBER, PLUS A DASH NUMBER FROM TABLE I. EXAMPLE: <u>MS14528-001</u>     (SEE TABLE I)     BASIC NS NUMBER 6. <b>MARKING:</b> 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.			
<b>NOTES:</b> 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 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.			
APPROVED DEC 21 1987 REVISED			
P.A. <b>NAVY-AS</b> Other Code <b>ARMY-MR</b> <b>AIR FORCE-99</b>	INTERNATIONAL INTEREST	TITLE <b>BAR, METAL, ROUND,          ALLOY STEEL          E4340</b>	<b>MILITARY STANDARD</b> <b>MS14528</b>
PROCUREMENT SPECIFICATION <b>MIL-S-5000</b>		SUPERSEDES:	PAGE 3 OF 3

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