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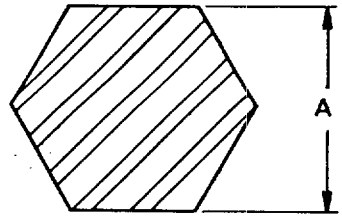

TABLE I. DASH NUMBERS.

DASH NO	A	HEAT TREATMENT	FORMING PROCESS (SEE REQT 3)	ADDITIONAL REQT (SEE REQT 4)
001	.375	ANNEALED	C	
003	.375	NORMALIZED AND TEMPERED	C	
005	.375	NORMALIZED	C	
007	.375	HARDENED AND TEMPERED	C	
009	.375	ANNEALED	H	
011	.437	ANNEALED	C	
013	.437	NORMALIZED	C	
015	.437	HARDENED AND TEMPERED	C	
017	.437	ANNEALED	H	
019	.500	ANNEALED	C	
021	.500	NORMALIZED	C	
023	.500	ANNEALED	H	
025	.500	HARDENED AND TEMPERED	C	
027	.563	ANNEALED	C	
029	.563	HARDENED AND TEMPERED	C	
031	.563	NORMALIZED	C	
033	.563	NORMALIZED AND TEMPERED	C	
035	.563	ANNEALED	H	
037	.625	ANNEALED	C	
039	.625	NORMALIZED	C	
041	.625	HARDENED AND TEMPERED	C	
043	.625	ANNEALED	H	
045	.688	ANNEALED	C	
047	.688	ANNEALED	H	
049	.688	NORMALIZED	C	
051	.688	HARDENED AND TEMPERED	C	
053	.750	ANNEALED	H	
055	.750	ANNEALED	C	
057	.750	NORMALIZED AND TEMPERED	C	
059	.750	NORMALIZED	C	
061	.750	HARDENED AND TEMPERED	C	
063	.813	NORMALIZED	C	
065	.813	ANNEALED	H	
067	.875	ANNEALED	C	
069	.875	NORMALIZED	C	
071	.875	HARDENED AND TEMPERED	C	
073	.875	ANNEALED	H	
075	.938	ANNEALED	C	
077	.938	ANNEALED	H	
079	.938	NORMALIZED	C	
081	1.000	ANNEALED	H	
083	1.000	ANNEALED	C	
085	1.000	NORMALIZED	C	
087	1.000	HARDENED AND TEMPERED	C	
089	1.063	ANNEALED	C	
091	1.125	ANNEALED	C	
093	1.125	NORMALIZED	C	
095	1.125	HARDENED AND TEMPERED	C	
097	1.125	ANNEALED	H	
099	1.250	ANNEALED	C	
101	1.250	HARDENED AND TEMPERED	C	
103	1.250	NORMALIZED	C	
105	1.375	ANNEALED	H	
107	1.375	ANNEALED	C	
109	1.375	NORMALIZED	C	
111	1.500	ANNEALED	C	
113	1.500	NORMALIZED	C	
115	1.625	ANNEALED	C	
117	1.750	ANNEALED	H	
119	1.750	ANNEALED	C	
121	1.875	NORMALIZED	H	
123	2.000	ANNEALED	C	
125	2.000	ANNEALED	H	
127	2.250	ANNEALED	C	
129	3.000	ANNEALED	C	
131	3.000	NORMALIZED	C	
133	3.000	ANNEALED	H	

APPROVED 9 October 1984 REVISED

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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.

P.A.	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
AS Other Cust MR 99		BAR, METAL, HEXAGON, ALLOY STEEL 4130 CHROME-MOLYBDENUM (AIRCRAFT QUALITY)	MS14297
PROCUREMENT SPECIFICATION MIL-S-6758	SUPERSEDES:		PAGE 1 OF 2

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REQUIREMENTS:

1. MATERIAL. ALLOY STEEL 4130 (UNS G41300), AS SPECIFIED IN PROCUREMENT DOCUMENT.

2. LENGTH. STANDARD LENGTH OF HEXAGON BAR IS 10 FEET MINIMUM, 12 FEET MAXIMUM.

3. FORMING PROCESS. COLD DRAWN - CODE "C"
HOT ROLLED - CODE "H"

4. ADDITIONAL REQUIREMENTS. PICKLED OVERALL - CODE "po"
SANDBLASTED OVERALL - CODE "sb"

5. PART NUMBER. THE PART NUMBER CONSISTS OF THE BASIC MS NUMBER, PLUS A FORMING PROCESS CODE, PLUS A DASH NUMBER FROM TABLE I.

EXAMPLE: MS14297C001

- 001 — DASH NUMBER FROM TABLE I
- C — COLD ROLLED (SEE REQUIREMENT 3)
- MS14297 — BASIC MS NUMBER

6. 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:

1. ALL DIMENSIONS ARE IN INCHES.

2. 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.

3. FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

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