

TABLE I. DASH NUMBERS.

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

APPROVED 9 October 1984 REVISED

P.A. AS	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
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

USER ACTIVITIES:  
NAVY-MC, OSREVIEWER ACTIVITIES:  
AIR FORCE-84  
DLA-IS

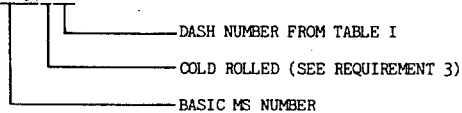
This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

FED. SUP CLASS  
9510

## 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



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.

USER ACTIVITIES:  
NAVY-MC, OSREVIEWER ACTIVITIES:  
AIR FORCE-84  
DLA-IS

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DD FORM 1 MAY 73 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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