

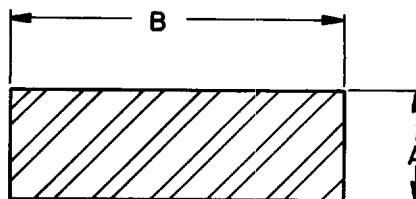
FED. SUP CLASS  
9510

TABLE I. DASH NUMBERS.

DASH NO	A	B	HEAT TREATMENT	FORMING PROCESS (SEE REQ 3)	ADDITIONAL REQ (SEE REQ 4)	DASH NO	A	B	HEAT TREATMENT	FORMING PROCESS (SEE REQ 3)	ADDITIONAL REQ (SEE REQ 4)
001	.2500	.375	NORMALIZED	C		067	.3125	1.000	NORMALIZED	C	
003	.2500	.500	ANNEALED	H					AND		
005	.2500	.500	NORMALIZED	C		069	.3125	1.250	TEMPERED	C	
									NORMALIZED		
007	.2500	.625	NORMALIZED	C					AND		
			TEMPERED			071	.3125	2.000	TEMPERED	C	
009	.2500	.625	ANNEALED	C					NORMALIZED		
011	.2500	.750	ANNEALED	H		073	.3125	2.500	NORMALIZED	C	
						075	.3125	3.000	NORMALIZED	C	
013	.2500	.750	ANNEALED	C		077	.3750	.500	ANNEALED	C	
015	.2500	.750	NORMALIZED	C							
			AND			079	.3750	.500	NORMALIZED	C	
			TEMPERED			081	.3750	.625	ANNEALED	C	
017	.2500	.750	NORMALIZED	C		083	.3750	.750	NORMALIZED	C	
019	.2500	1.000	ANNEALED	H		085	.3750	1.000	ANNEALED	C	
021	.2500	1.000	ANNEALED	C		087	.3750	1.000	NORMALIZED	C	
023	.2500	1.000	NORMALIZED	C					AND		
			AND TEMPERED			089	.3750	1.000	TEMPERED	C	
025	.2500	1.000	NORMALIZED	C					HARDENED		
027	.2500	1.000	NORMALIZED	H					AND		
029	.2500	1.250	ANNEALED	H					TEMPERED		
						091	.3750	1.000	NORMALIZED	C	
031	.2500	1.250	NORMALIZED	C		093	.3750	1.000	ANNEALED	H	
033	.2500	1.500	ANNEALED	H		095	.3750	1.250	ANNEALED	C	
035	.2500	1.500	ANNEALED	C							
						097	.3750	1.250	NORMALIZED	C	
037	.2500	1.500	NORMALIZED	C		099	.3750	1.500	ANNEALED	C	
039	.2500	1.750	ANNEALED	H		101	.3750	1.500	NORMALIZED	C	
041	.2500	1.750	ANNEALED	C					AND		
									TEMPERED		
043	.2500	1.750	NORMALIZED	C		103	.3750	1.500	NORMALIZED	C	
			AND			105	.3750	2.000	ANNEALED	C	
			TEMPERED			107	.3750	2.000	NORMALIZED	C	
045	.2500	2.000	ANNEALED	H							
047	.2500	2.000	ANNEALED	C		109	.3750	2.500	ANNEALED	C	
						111	.3750	2.500	NORMALIZED	C	
049	.2500	2.000	NORMALIZED	C					AND		
051	.2500	2.000	NORMALIZED	C					TEMPERED		
			AND			113	.3750	2.500	NORMALIZED	C	
			TEMPERED								
053	.2500	2.000	HARDENED	C		115	.3750	3.000	NORMALIZED	C	
			AND								
			TEMPERED			117	.3750	3.000	ANNEALED	C	
055	.2500	2.500	ANNEALED	H		119	.3750	3.500	ANNEALED	C	
057	.2500	2.500	ANNEALED	C							
059	.2500	2.500	NORMALIZED	C		121	.3750	4.000	ANNEALED	C	
			AND			123	.3750	4.000	NORMALIZED	C	
			TEMPERED			125	.3750	6.000	ANNEALED	C	
061	.2500	3.000	ANNEALED	C		127	.3750	6.000	NORMALIZED	C	
063	.2500	3.000	NORMALIZED	C		129	.4375	.500	HARDENED	C	
065	.3125	.750	NORMALIZED	C					AND		
			AND						TEMPERED		
			TEMPERED			131	.4375	.500	NORMALIZED	C	

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.

P.A.	AS	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
Other Cust	MR		BAR, METAL, FLAT, ALLOY STEEL 4130	
	99		CHROME - MOLYBDENUM (AIRCRAFT QUALITY)	MSI4296
PROCUREMENT SPECIFICATION	SUPERSEDES:		PAGE	OF
MIL-S-6758			1	4

FED. SUP CLASS  
9510

TABLE I. DASH NUMBERS. - CONTINUED

DASH NO	A	B	HEAT TREATMENT	FORMING PROCESS (SEE REQ 3)	ADDITIONAL REQ (SEE REQ 4)	DASH NO	A	B	HEAT TREATMENT	FORMING PROCESS (SEE REQ 3)	ADDITIONAL REQ (SEE REQ 4)
133	.4375	.750	NORMALIZED	C		217	.6250	2.000	NORMALIZED	C	
135	.5000	.625	ANNEALED	C		219	.6250	2.250	NORMALIZED	C	
137	.5000	.750	NORMALIZED	C		221	.6250	2.500	ANNEALED	C	
139	.5000	.750	ANNEALED	H		223	.6250	2.500	NORMAL- IZED AND TEMPERED	C	
141	.5000	.750	HARDENED AND TEMPERED	C		225	.6250	3.000	ANNEALED	H	
143	.5000	1.000	ANNEALED	C		227	.6250	3.000	ANNEALED	C	
145	.5000	1.000	ANNEALED	H		229	.6250	3.000	NORMALIZED	C	
147	.5000	1.000	HARDENED AND TEMPERED	C		231	.6250	4.000	ANNEALED	C	
149	.5000	1.000	NORMALIZED	C		233	.6250	4.000	NORMALIZED	C	
151	.5000	1.000	NORMALIZED AND TEMPERED	C		235	.6250	6.000	ANNEALED	H	
153	.5000	1.250	ANNEALED	H		237	.6250	6.000	ANNEALED	C	
155	.5000	1.250	ANNEALED	C		239	.6250	6.000	NORMALIZED	C	
157	.5000	1.250	NORMALIZED	C		241	.7500	.750	ANNEALED	C	
159	.5000	1.500	ANNEALED	H		243	.7500	1.000	NORMALIZED	C	
161	.5000	1.500	ANNEALED	C		245	.7500	1.250	NORMALIZED	C	
163	.5000	1.500	HARDENED AND TEMPERED	C		247	.7500	1.500	ANNEALED	C	
165	.5000	1.500	NORMALIZED	C		249	.7500	1.500	ANNEALED	H	
167	.5000	1.750	NORMALIZED AND TEMPERED	C		251	.7500	1.500	NORMALIZED AND TEMPERED	C	
169	.5000	2.000	ANNEALED	C		253	.7500	1.750	ANNEALED	C	
171	.5000	2.000	ANNEALED	H		255	.7500	2.000	ANNEALED	C	
173	.5000	2.000	NORMALIZED	C		257	.7500	2.000	NORMALIZED	C	
175	.5000	2.250	NORMALIZED	C		259	.7500	2.000	NORMALIZED	H	
177	.5000	2.500	ANNEALED	C		261	.7500	2.500	NORMALIZED	C	
179	.5000	2.500	HARDENED AND TEMPERED	C		263	.7500	3.000	ANNEALED	C	
181	.5000	2.500	NORMALIZED	C		265	.7500	3.000	NORMALIZED AND TEMPERED	C	
183	.5000	3.000	ANNEALED	C		267	.7500	4.000	ANNEALED	C	
185	.5000	3.000	NORMALIZED	C		269	.7500	4.000	NORMALIZED	C	
187	.5000	3.000	HARDENED AND TEMPERED	C		271	.7500	4.000	NORMALIZED AND TEMPERED	C	
189	.5000	3.500	ANNEALED	H		273	.7500	6.000	ANNEALED	C	
191	.5000	3.500	NORMALIZED	C		275	.7500	6.000	NORMALIZED	C	
193	.5000	4.000	ANNEALED	C		277	.8750	1.000	NORMALIZED	C	
195	.5000	4.000	NORMALIZED	C		279	.8750	1.000	ANNEALED	C	
197	.5000	6.000	ANNEALED	C		281	.8750	2.000	NORMALIZED AND TEMPERED	C	
199	.5000	6.000	NORMALIZED	C		283	.8750	3.000	NORMALIZED	C	
201	.6250	.750	HARDENED AND TEMPERED	C		285	1.000	1.250	NORMALIZED AND TEMPERED	C	
203	.6250	.750	ANNEALED	H		287	1.000	1.250	NORMALIZED	C	
205	.6250	1.000	NORMALIZED	C		289	1.000	1.500	NORMALIZED	C	
207	.6250	1.250	NORMALIZED	C		291	1.000	1.500	ANNEALED	C	
209	.6250	1.500	NORMALIZED	C		293	1.000	2.000	ANNEALED	C	
211	.6250	1.500	ANNEALED	H		295	1.000	2.000	NORMALIZED AND TEMPERED	C	
213	.6250	1.500	HARDENED AND TEMPERED	C		297	1.000	2.000	NORMALIZED	C	
215	.6250	2.000	ANNEALED	C		299	1.000	2.000	HARDENED AND TEMPERED	C	

P.A.	AS	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
Other Cust	MR		BAR, METAL, FLAT, ALLOY STEEL 4130 CHROME-MOLYBDENUM (AIRCRAFT QUALITY)	MS14296
PROCUREMENT SPECIFICATION	MIL - S - 6758	SUPERSEDES:	PAGE	2 OF 4

DD FORM 1 MAY 73 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9510-0422

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

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REVISED  
9 October 1984

FED. SUP CLASS  
9510

TABLE I. DASH NUMBERS. - CONTINUED

DASH NO	A	B	HEAT TREATMENT	FORMING PROCESS (SEE REQT 3)	ADDITIONAL REQT (SEE REQT 4)	DASH NO	A	B	HEAT TREATMENT	FORMING PROCESS (SEE REQT 3)	ADDITIONAL REQT (SEE REQT 4)
301	1.000	2.250	HARDENED AND TEMPERED	C		361	1.500	4.000	NORMALIZED	C	
303	1.000	2.500	NORMALIZED AND TEMPERED	C		363	1.500	5.000	ANNEALED	C	
305	1.000	2.500	HARDENED AND TEMPERED	C		365	1.500	6.000	NORMALIZED	C	
307	1.000	2.500	ANNEALED	H		367	1.750	2.500	ANNEALED	H	
309	1.000	3.000	ANNEALED	C		369	1.750	2.500	NORMALIZED	H	
311	1.000	3.000	NORMALIZED	C		371	1.750	2.500	HARDENED AND TEMPERED	C	
313	1.000	4.000	ANNEALED	H		373	2.000	2.500	ANNEALED	H	
315	1.000	4.000	ANNEALED	C		375	2.000	2.500	NORMALIZED	H	
317	1.000	4.000	NORMALIZED	C		377	2.000	2.500	ANNEALED	C	
319	1.000	6.000	ANNEALED	C		379	2.000	2.750	ANNEALED	C	
321	1.000	6.000	NORMALIZED	C		381	1.750	3.000	NORMALIZED	C	
323	1.250	1.500	NORMALIZED	C		383	2.000	3.000	NORMALIZED	H	
325	1.250	1.500	ANNEALED	C		385	2.000	4.000	NORMALIZED	H	
327	1.250	1.500	NORMALIZED AND TEMPERED	C		387	2.000	4.500	NORMALIZED	H	
329	1.250	1.625	HARDENED AND TEMPERED	C		389	2.000	6.000	NORMALIZED	H	sb
331	1.250	1.750	HARDENED AND TEMPERED	C		391	2.000	8.000	ANNEALED	C	
333	1.250	2.000	ANNEALED	C		393	2.250	2.500	ANNEALED	C	
335	1.250	2.000	NORMALIZED	C		395	2.250	3.000	NORMALIZED	H	
337	1.250	2.500	NORMALIZED AND TEMPERED	C		397	2.500	3.000	NORMALIZED	C	
339	1.250	3.000	NORMALIZED AND TEMPERED	C		399	3.000	3.500	NORMALIZED	H	
341	1.250	3.000	HARDENED AND TEMPERED	C		401	3.000	5.000	ANNEALED	C	
343	1.250	4.000	ANNEALED	C		403	3.000	6.000	NORMALIZED	H	
345	1.250	4.000	NORMALIZED	C		405	3.500	8.000	NORMALIZED	H	
347	1.250	6.000	NORMALIZED	C		407	4.000	6.000	NORMALIZED	H	
349	1.500	2.000	NORMALIZED	C		409	4.250	8.000	ANNEALED	C	
351	1.500	2.500	ANNEALED	C		411	5.000	5.000	NORMALIZED	C	
353	1.500	3.000	ANNEALED	H		413	5.000	6.000	NORMALIZED	H	
355	1.500	3.000	ANNEALED	C		415	8.000	12.000	NORMALIZED	C	
357	1.500	3.000	NORMALIZED AND TEMPERED	C							
359	1.500	3.000	NORMALIZED	C							

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

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P.A. Other Cust	AS MR 99	INTERNATIONAL INTEREST	TITLE BAR,METAL,FLAT,ALLOY STEEL 4130 CHROME-MOLYBDENUM (AIRCRAFT QUALITY)	MILITARY STANDARD MS14296
PROCUREMENT SPECIFICATION MIL-S-6758		SUPERSEDES:		PAGE 3 OF 4

DD FORM 1 MAY 73 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9510-0422

APPROVED 9 October 1984  
REVISED

FED. SUP CLASS  
9510

## REQUIREMENTS:

1. MATERIAL. ALLOY STEEL 4130 (UNS G41300), AS SPECIFIED IN PROCUREMENT DOCUMENT.
2. LENGTH. STANDARD LENGTH OF FLAT 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: MS14296C001

DASH NUMBER FROM TABLE I

COLD DRAWN (SEE REQUIREMENT 3)

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.

APPROVED 9 October 1984  
REVISED

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