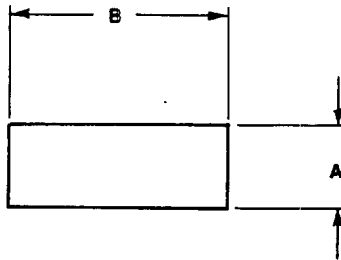


FED. SUP CLASS  
9530

USER ACTIVITIES:

REVIEWER ACTIVITIES:  
Air Force - 84  
DLA - ISThis 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.

TABLE I. DASH NUMBERS.

DASH NO	A	B	TEMPER	FORMING <sup>2/</sup> PROCESS	DASH NO	A	B	TEMPER	FORMING <sup>2/</sup> PROCESS
001	.125	.500	T4	C	079	.312	1.500	T4	C
003	.125	.625	T4	C	081	.312	2.000	T4	C
005	.125	.750	T4	C	083	.375	.500	T4	C
007	.125	1.000	T4	C	085	.375	.625	T4	C
009	.125	1.250	T4	C	087	.375	.750	T4	C
011	.125	1.500	T4	C	089	.375	1.000	T4	C
013	.125	2.000	T4	C	091	.375	1.250	T4	C
015	.141	1.000	T6	C	093	.375	1.500	T4	C
017	.188	.500	T4	C	095	.375	1.630	T6	C
019	.188	.625	T4	C	097	.375	1.750	T4	C
021	.188	.750	T4	C	099	.375	2.000	T4	C
023	.188	.875	T4	C	101	.375	2.250	T4	C
025	.188	1.000	T4	C	103	.375	2.500	T4	C
027	.188	1.250	T4	C	105	.375	3.000	T4	C
029	.188	1.500	T4	C	107	.375	4.000	T4	C
031	.188	1.500	T6	C	109	.375	6.000	T4	R,D,C,E
033	.188	2.000	T4	C	111	.375	8.000	T4	R,D,C
035	.250	.438	T4	C	113	.375	10.000	T4	R,D,C,E
037	.250	.500	T4	C	115	.438	1.000	T4	C
039	.250	.500	T4	C	117	.438	2.000	T4	C
041	.250	.625	T4	C	119	.500	.625	T351	C
043	.250	.750	T4	C	121	.500	.750	T4	C
045	.250	.750	T4	C	123	.500	.875	T351	C
047	.250	.875	T4	C	125	.500	1.000	T4	C
049	.250	1.000	T4	C	127	.500	1.000	T351	C
051	.250	1.000	T6	C	129	.500	1.000	T651	C
053	.250	1.250	T4	C	131	.500	1.250	T4	C
055	.250	1.500	T4	C	133	.500	1.250	T351	C
057	.250	2.000	T4	C	135	.500	1.250	T651	C
059	.250	2.250	T4	C	137	.500	1.500	T351	C
061	.250	2.500	T4	C	139	.500	1.500	T651	C
063	.250	2.750	T4	C	141	.500	1.750	T351	C
065	.250	3.000	T4	C	143	.500	1.750	T651	C
067	.250	4.000	T4	C	145	.500	2.000	T4	C
069	.250	6.000	T4	R,D,C,E	147	.500	2.000	T351	C
071	.313	.500	T4	C	149	.500	2.000	T651	C
073	.313	.625	T4	C	151	.500	2.500	T4	C
075	.313	.750	T4	C	153	.500	2.500	T6	C
077	.313	1.000	T4	C	155	.500	2.500	T351	C

APPROVED 14 SEP 83  
REVISED

P. A. Other Cost	AS MR 99	INTERNATIONAL INTEREST	TITLE BAR, RECTANGULAR, SQUARE CORNERS, ALUMINUM ALLOY 2024	MILITARY STANDARD MS 14251
PROCUREMENT SPECIFICATION QQ-A-200, QQ-A-225			SUPERSEDES:	PAGE 1 OF 3

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TABLE I. DASH NUMBERS. - CONTINUED

DASH NO	A	B	TEMPER	FORMING <sup>2/</sup> PROCESS	DASH NO	A	B	TEMPER	FORMING <sup>2/</sup> PROCESS
157	.500	3.000	T4	C	271	1.000	2.000	T4	C
159	.500	3.000	T351	C	273	1.000	2.000	T6	C
161	.500	4.000	T4	C	275	1.000	2.000	T351	C
163	.500	4.000	T351	C	277	1.000	2.000	T851	C
165	.500	4.000	T851	C	279	1.000	2.000	T3511	C
167	.500	5.000	T4	E	281	1.000	2.000	T8511	C
169	.500	6.000	T4	R,D,C,E	283	1.000	2.500	T351	C
171	.500	6.000	T351	R,D,C	285	1.000	2.500	T851	C
173	.500	8.000	T351	R,D,C	287	1.000	2.500	T3511	C
175	.500	10.000	T4	R,D,C	289	1.000	2.750	T4	C
177	.500	10.000	T351	R,D,C	291	1.000	3.000	T4	C
179	.562	1.000	T4	C	293	1.000	3.000	T351	C
181	.625	.750	T4	C	295	1.000	3.000	T851	C
183	.625	.750	T351	C	297	1.000	3.000	T3511	C
185	.625	.750	T851	C	299	1.000	3.500	T4	C
187	.625	.875	T4	C	301	1.000	3.500	T351	C
189	.625	.875	T351	C	303	1.000	3.500	T851	C
191	.625	1.000	T4	C	305	1.000	4.000	T4	C
193	.625	1.000	T351	C	307	1.000	4.000	T351	C
195	.625	1.000	T851	C	309	1.000	4.000	T851	C
197	.625	1.250	T4	C	311	1.000	4.000	T3511	C
199	.625	1.250	T351	C	313	1.000	5.000	T4	R,D,C,E
201	.625	1.500	T351	C	315	1.000	6.000	T351	R,D,C,E
203	.625	2.000	T351	C	317	1.000	6.250	T851	R,D,C
205	.625	2.250	T4	C	319	1.000	8.000	T4	R,D,C
207	.625	3.000	T4	C	321	1.250	1.500	T4	C
209	.625	8.000	T4	R,D,C	323	1.250	1.500	T351	C
211	.625	10.000	T4	R,D,C	325	1.250	2.000	T4	C
213	.750	.875	T4	C	327	1.250	2.000	T351	C
215	.750	1.000	T4	C	329	1.250	2.000	T851	C
217	.750	1.000	T351	C	331	1.250	2.000	T3511	C
219	.750	1.000	T851	C	333	1.250	2.500	T351	C
221	.750	1.500	T4	C	335	1.250	2.500	T851	C
223	.750	1.500	T351	C	337	1.250	3.000	T351	C
225	.750	1.500	T851	C	339	1.250	3.000	T851	C
227	.750	2.000	T4	C	341	1.250	3.000	T3511	C
229	.750	2.000	T351	C	343	1.250	10.000	T4	R,D,C,E
231	.750	2.500	T4	C	345	1.500	2.000	T4	C
233	.750	2.500	T351	C	347	1.500	2.000	T351	C
235	.750	2.500	T851	C	349	1.500	2.000	T3511	C
237	.750	3.000	T351	C	351	1.500	2.000	T8511	C
239	.750	3.000	T851	C	353	1.500	2.500	T6	C
241	.750	3.500	T351	C	355	1.500	2.500	T351	C
243	.750	4.000	T351	C	357	1.500	2.500	T851	C
245	.750	6.000	T4	R,D,C,E	359	1.500	3.000	T4	C
247	.750	6.000	T351	R,D,C	361	1.500	3.000	T351	C
249	.750	8.000	T4	R,D,C	363	1.500	3.000	T851	C
251	.875	1.000	T4	C	365	1.500	3.000	T3511	C
253	1.000	1.250	T4	C	367	1.500	3.250	T4	C
255	1.000	1.250	T351	C	369	1.500	4.000	T4	C
257	1.000	1.250	T851	C	371	1.500	4.000	T351	C
259	1.000	1.500	T4	C	373	1.500	4.000	T851	C
261	1.000	1.500	T351	C	375	1.500	4.000	T3511	C
263	1.000	1.500	T851	C	377	1.500	6.000	T351	C
265	1.000	1.500	T3511	C	379	1.500	8.000	T4	R,D,C,E
267	1.000	1.750	T351	C	381	1.500	8.000	T351	R,D,C
269	1.000	1.750	T851	C	383	1.750	2.000	T851	C

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PROCUREMENT SPECIFICATION QQ-A-200, QQ-A-225			SUPERSEDES:	PAGE 2 OF 3

USER ACTIVITIES:

REVIEWER ACTIVITIES:

Air Force - 84

DLA - 15

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APPROVED 14 SEP 83 REVISED

FED. SUP CLASS  
9530

TABLE I. DASH NUMBERS. - CONTINUED

DASH NO	A	B	TEMPER	FORMING 2/ PROCESS	DASH NO	A	B	TEMPER	FORMING 2/ PROCESS
385	1.750	2.000	T3511	C	439	2.500	3.500	T3511	E
387	1.750	3.000	T351	C	441	2.500	4.000	T4	R,D,C,E
389	1.750	3.000	T851	C	443	2.500	4.000	T351	R,D,C
391	1.750	3.000	T3511	C	445	2.500	4.000	T851	R,D,C
393	2.000	2.250	T4	C	447	2.500	4.000	T3511	E
395	2.000	2.250	T351	C	449	2.500	4.500	T351	R,D,C
397	2.000	2.250	T851	C	451	2.500	5.000	T351	R,D,C
399	2.000	2.500	T4	C	453	2.500	6.000	T351	R,D,C
401	2.000	2.500	T351	C	455	2.750	3.000	T851	R,D,C
403	2.000	2.500	T851	C	457	2.750	3.500	T6	R,D,C
405	2.000	2.500	T3511	C	459	2.750	4.000	T351	R,D,C
407	2.000	2.750	T851	C	461	2.750	4.000	T851	R,D,C
409	2.000	3.000	T351	C	463	3.000	3.500	T351	R,D,C
411	2.000	3.000	T851	C	465	3.000	4.000	T4	R,D,C,E
413	2.000	3.000	T3511	C	467	3.000	4.000	T351	R,D,C
415	2.000	3.125	T4	C	469	3.000	4.000	T3511	E
417	2.000	4.000	T4	C	471	3.000	5.000	T851	R,D,C
419	2.000	4.000	T351	C	473	3.000	5.000	T3511	E
421	2.000	4.000	T3511	C	475	3.000	5.000	T8511	E
423	2.000	5.000	T4	R,D,C,E	477	3.000	6.000	T4	R,D,C,E
425	2.000	6.000	T351	R,D,C	479	3.000	6.000	T351	R,D,C
427	2.250	3.000	T3511	E	481	3.000	6.000	T3511	E
429	2.250	4.000	T351	R,D,C	483	3.750	6.000	T4	R,D,C,E
431	2.375	2.750	T851	R,D,C	485	4.000	5.000	T3511	E
433	2.500	3.000	T4	R,D,C,E	487	4.000	6.000	T3511	E
435	2.500	3.000	T851	R,D,C					
437	2.500	3.000	T3511	E					

## REQUIREMENTS:

- MATERIAL. ALUMINUM ALLOY 2024, (UNS A92024) AS SPECIFIED IN QQ-A-200/3, AND QQ-A-225/6.
- FORMING PROCESS. ROLLED - CODE "R"  
DRAWN - CODE "D"  
COLD FINISHED - CODE "C"  
EXTRUDED - CODE "E"
- PART NUMBER. THE PART NUMBER CONSISTS OF THE BASIC MS NUMBER, PLUS A FORMING PROCESS CODE, PLUS A DASH NUMBER FROM TABLE I.

EXAMPLE: MS14251 C 001

.125 X .500, T4 (SEE TABLE I)

COLD FINISHED (SEE REQUIREMENT 2/)

BASIC MS NUMBER

- MARKING. ALUMINUM AND ALUMINUM ALLOYS SHALL BE MARKED WITH THE PRODUCER'S NAME OR REGISTERED TRADEMARK, THE PART NUMBER (MILITARY STANDARD (MS) NUMBER PLUS THE APPLICABLE DASH NUMBER), AND THE LOT AND/OR HEAT NUMBER, AND THIS MARKING SHALL BE APPLIED IN ACCORDANCE WITH FED-STD-184.

## NOTES:

- ALL DIMENSIONS ARE IN INCHES.
- STANDARD LENGTH OF BAR IS 10 FEET MINIMUM, 12 FEET MAXIMUM.
- 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.
- FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

REVISED  
APPROVED 14 SEP 83

P. A. Other Cust	AS MR 99	INTERNATIONAL INTEREST	TITLE BAR, RECTANGULAR, SQUARE CORNERS, ALUMINUM ALLOY 2024	MILITARY STANDARD MS 14251
PROCUREMENT SPECIFICATION QQ-A-200, QQ-A-225			SUPERSEDES:	PAGE 3 OF 3

USER ACTIVITIES:

REVIEWER ACTIVITIES:

Air Force - 84

DLA - IS

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