

USPS SYMBOLS:

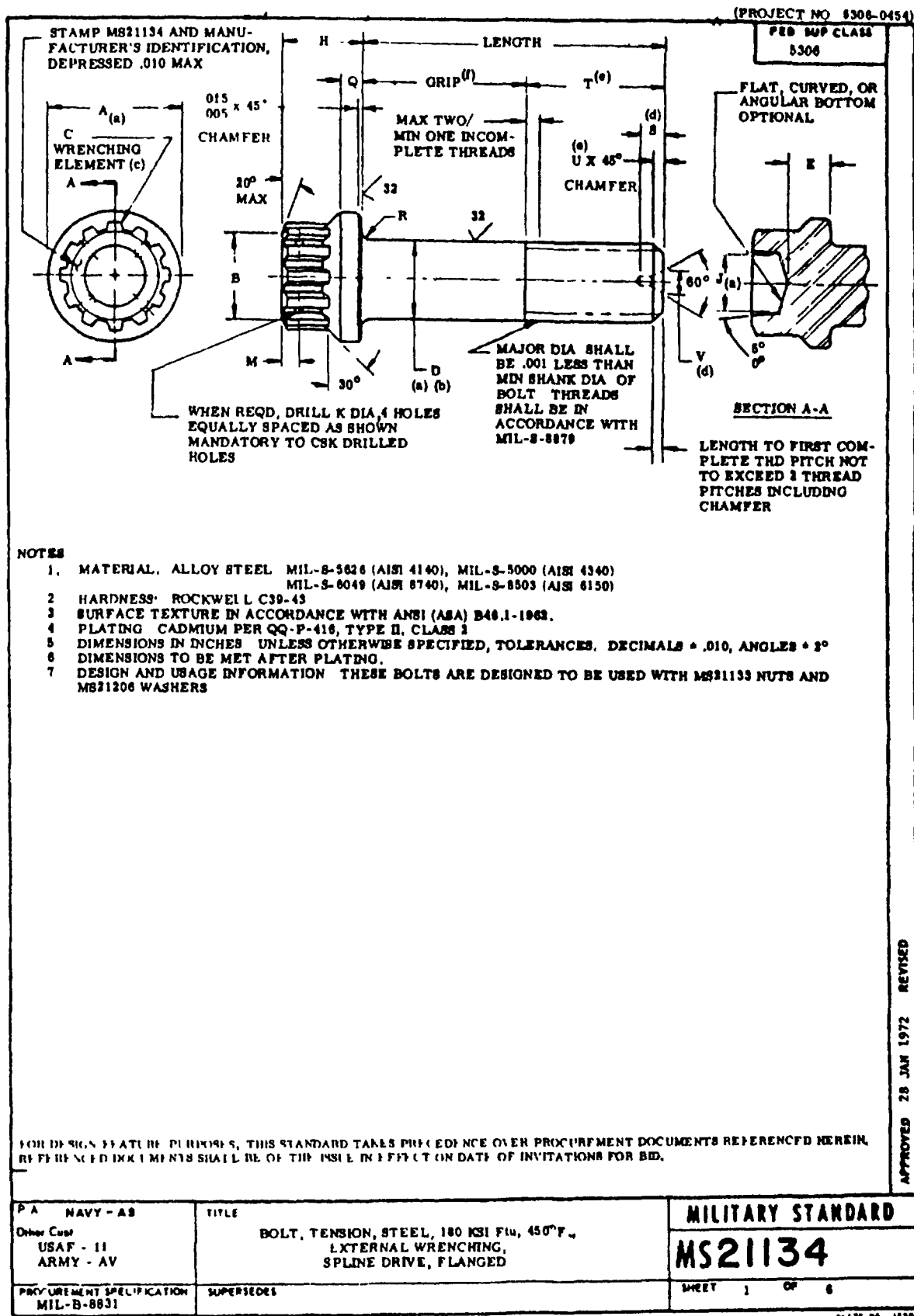
ARMY - MI

REVISED SYMBOLS:

DA - MI
ARMY - AT

"Maximum/minimum information is current as of the date of this document. For future coordination of changes in this document, draft information should be based on the information in the current version."

This military standard is mandatory for use by all Departments & Agencies of the Department of Defense. Selection for all new engineering and design applications and for replacement use shall be made from this document.



APPROVED 28 JAN 1972 REVISED

USER SYMBOLS:
ARMY-MIREVIEWER SYMBOLS:
DGA-S
ARMY-AT

*Section/spec information is carried on of the date of this document.
For future coordination of changes in this document, draft circulation
should be based on the information in the current 888133.

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& Agencies of the Department of Defense. Selection for all new
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be made from this document.

FED SUP CLASS 5308										
DIA DASH NO	NOMINAL SIZE	THRFAD UNJF-3A	A - DIA (a)		B - DIA		C (c) WRENCHING ELEMENT	D - DIA (a) (b)		DIA DASH NO
			MAX	MIN	MAX	MIN		MAX	MIN	
03	NO 10	1900-32	359	349	188	173	8	1895	1885	03
04	1/4	2500-28	470	460	250	235	10	2495	2485	04
05	5/16	3125-24	585	575	375	360	12	3130	3110	05
06	3/8	3750-24	701	691	438	423	14	3745	3735	06
07	7/16	4375-20	817	807	500	485	16	4370	4360	07
08	1/2	5000-20	932	922	562	547	20	4995	4985	08
09	9/16	5625-18	1 047	1 037	625	610	22	5615	5605	09
10	5/8	6250-18	1 163	1 153	688	673	24	6240	6230	10
12	3/4	7500-18	1 394	1 384	812	797	28	7490	7480	12
14	7/8	8750-14	1 625	1 615	938	923	32	8740	8730	14
16	1	1 0000-12	1 856	1 846	1 062	1 047	36	9990	9980	16
18	1 1/8	1 1250-12	2 087	2 077	1 260	1 235	42	1 1240	1 1235	18
20	1 1/4	1 2500-12	2 318	2 308	1 375	1 360	4C	1 2490	1 2475	20
22	1 3/8	1 3750-12	2 549	2 539	1 500	1 485	52	1 3740	1 3725	22
24	1 1/2	1 5000-12	2 780	2 770	1 625	1 610	56	1 4990	1 4975	24

DIA. DASH NO.	E MIN	H ±.010	J (a) +.010 -.030	K ±.005	M	Q		R - RAD		S MAX (d)	T MIN REF (e)	DIA DASH NO
						MAX	MIN	MAX	MIN			
03	.113	.205	.100	037	.068	.037	.017	.022	.016		.378	03
04	.149	.250	.125			.046	.026	.028	.023		.455	04
05	.187	.312	.15			.055	.035	.035	.029		.541	05
06	.224	.337	.260			.064	.044	.043	.033		.604	06
07	.262	.393	.320	055	070	.073	.063	.049	.039		.701	07
08	.299	.450	.380			.082	.062	.055	.045		.783	08
09	.338	.505	.440			.091	.071	.061	.051		.847	09
10	.374	.562	.500			.100	.080	.068	.058		.910	10
12	.449	.600	.570		.094	.118	.098	.080	.070	200	1 063	12
14	.523	.700	.650			.136	.116	.093	.083		1 223	14
16	.599	.800	.740		.125	.154	.134	.105	.095		1 398	16
18	.674	.900	.840			.172	.152	.118	.108		1 521	18
20	.749	1 000	1 070		188	.190	.170	.130	.120	320	1 646	20
22	.824	1 100	1 140			.208	.188	.143	.133		1 771	22
24	.899	1 200	1 200			.226	.206	.155	.145		1 896	24

P A NAVY - AS Other Cust USAF II ARMY-AV		TITLE BOLT, TENSION STEEL, 180 KSI Flw 450°F., EXTERNAL WRENCHING, SPIRINE DRIVE, FLANGED		MILITARY STANDARD MS21134	
PROCUREMENT SPECIFICATION MIL-B-8831		SUPERSEDES		SHEET 2	

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE 06, 15128

APPROVED 26 JAN 1972 REVISED

USER SYMBOLS:
 ARMY - MI

 REVISION SYMBOLS:
 DEB - ME
 ARMY - AT

 "Supersession information is printed at the date of this document.
 For future consideration of changes in this document, draft presentation
 should be based on the information in this document."

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 in Agreement of the Department of Defense. Substitution for all non-
 regulatory and design specifications and for regulations and shall
 be made from this document.

 FED SUP CLASS
 3306

DIA DASH NO.	U REF (e)	V MAX (d)	CENTER DRILL SIZE (d)	BEARING AREA MEAN DIA SQ IN.	ULTIMATE TENSILE STRENGTH LB MIN	DOUBLE SHEAR STRENGTH LB MIN	CONCENTRICITY		DIA DASH NO.
							x (a)	z (b)	
03	.039			.0517	3,910	6,199	.004		03
04	.045			.0914	6,980	10,800	.005	.0048	04
05	.053			.1442	11,100	16,800	.004		05
06				.2106	17,100	23,800	.008		06
07	.063			.2896	23,800	32,500	.009		07
08				.3766	30,900	42,400	.010		08
09	.069			.4808	39,200	53,700	.011	.0088	09
10				.5945	49,100	66,900	.012		10
12	.078	.187	2	.7512	71,000	95,400	.015		12
14	.089			1.1972	97,000	128,800	.018		14
16		.260	3	1.5483	126,000	169,800	.020	.0080	16
18				1.9438	166,000	214,700	.021		18
20	.104			2.4020	202,000	265,100	.023		20
22		.312	4	2.8080	246,000	320,700	.023	.0180	22
24				3.4528	284,000	381,700	.030		24

NOTES

- DIMENSIONS A, D AND J SHALL BE CONCENTRIC TO EACH OTHER WITHIN VALUES SPECIFIED FOR X T.I.R.
- DIMENSIONS D AND THREAD PITCH DIAMETER SHALL BE CONCENTRIC TO EACH OTHER WITHIN VALUES SPECIFIED PER Z T, I. R.
- WRENCHING ELEMENT PER MS33787. DRIVERS PER MIL-W-8882.
- ON BOLTS SIZES .750 INCH AND LARGER, CENTER DRILLING OF SHANK IS OPTIONAL.
- REFERENCE DIMENSIONS ARE FOR DESIGN PURPOSES ONLY AND ARE NOT INSPECTION OR MANUFACTURING REQUIREMENTS.
- GRIP LENGTH OF BOLT SHALL BE MEASURED FROM UNDERSIDE OF HEAD TO THE END OF FULL CYLINDRICAL PORTION OF SHANK

APPROVED 26 JAN 1972 REVISED

P A NAVY - AB Other Code USAF - 11 ARMY - AV	TITLE BOLT TENSION STEEL, 100KSI FLU, 450°F., EXTERNAL WRENCHING, SPLINE DRIVE, FLANGED	MILITARY STANDARD	
		MS21134	
PROCUREMENT SPECIFICATION MIL-D-8831	SUPERSEDED	SHEET	3

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE NO. 16370

This military standard is mandatory for use by all Departments & Agencies of the Department of Defense. Selection for all new engineering and design applications and for replacement use shall be made from this document.

*Section/layer information is current as of the date of this document. For future coordination of changes to this document, draft information should be based on the information in the current DD-135.

REVIEW SYMBOLS:
DSA - IS
ARMY - AT

USER SYMBOLS:
ARMY - MI

GRIP DASH NO.		GRIP + .010		DIAMETER DASH NUMBERS																FED WPL CLASS 5308	
				LENGTH + .015																	
03	04	05	06	07	08	09	10	12	14	16	18	20	22	24							
003	580	658	744	806	904	966															
004	643	720	806	869	966	1 028															
005	706	782	868	932	1 028	1 090	1 174	1 238	1 390												
006	768	845	931	994	1 091	1 153	1 237	1 300	1 453												
007	830	908	994	1 056	1 154	1 216	1 300	1 362	1 516	1 676	1 848	1 974									
008	893	970	1 056	1 119	1 216	1 278	1 362	1 424	1 578	1 738	1 911	2 036									
009	956	1 032	1 118	1 182	1 278	1 340	1 424	1 486	1 640	1 800	1 974	2 098	2 224								
010	1 016	1 095	1 181	1 244	1 341	1 403	1 487	1 550	1 703	1 863	2 036	2 161	2 286	2 411	2 536						
011	1 080	1 158	1 244	1 296	1 404	1 466	1 550	1 612	1 766	1 926	2 098	2 224	2 348	2 474	2 598						
012	1 143	1 220	1 306	1 369	1 466	1 528	1 612	1 675	1 828	1 988	2 161	2 286	2 411	2 536	2 661						
013	1 206	1 282	1 368	1 432	1 528	1 590	1 674	1 738	1 890	2 050	2 224	2 348	2 474	2 598	2 724						
014	1 268	1 345	1 431	1 494	1 591	1 653	1 737	1 800	1 953	2 113	2 286	2 411	2 536	2 661	2 786						
015	1 330	1 408	1 494	1 546	1 654	1 716	1 800	1 862	2 016	2 176	2 348	2 474	2 598	2 724	2 848						
016	1 393	1 470	1 556	1 618	1 716	1 778	1 862	1 925	2 078	2 238	2 411	2 536	2 661	2 786	2 911						
017	1 456	1 532	1 618	1 682	1 778	1 840	1 924	1 988	2 140	2 300	2 474	2 598	2 724	2 848	2 974						
018	1 518	1 595	1 681	1 744	1 841	1 903	1 987	2 050	2 203	2 363	2 536	2 661	2 786	2 911	3 036						
019	1 580	1 656	1 744	1 796	1 904	1 966	2 050	2 112	2 266	2 426	2 598	2 724	2 848	2 974	3 098						
020	1 643	1 720	1 806	1 869	1 966	2 028	2 112	2 175	2 328	2 488	2 661	2 786	2 911	3 036	3 161						
021	1 706	1 782	1 868	1 932	2 028	2 090	2 174	2 238	2 390	2 550	2 724	2 848	2 974	3 098	3 224						
022	1 768	1 845	1 931	1 994	2 091	2 153	2 237	2 300	2 453	2 613	2 786	2 911	3 036	3 161	3 286						
023	1 830	1 908	1 994	2 046	2 154	2 216	2 300	2 362	2 516	2 676	2 848	2 974	3 098	3 224	3 348						
024	1 893	1 970	2 056	2 119	2 216	2 278	2 362	2 425	2 578	2 738	2 911	3 036	3 161	3 286	3 411						
025	1 956	2 032	2 118	2 182	2 278	2 340	2 424	2 488	2 640	2 800	2 974	3 098	3 224	3 348	3 474						
026	2 018	2 095	2 181	2 244	2 341	2 403	2 487	2 550	2 703	2 863	3 036	3 161	3 286	3 411	3 536						
027	2 080	2 158	2 244	2 296	2 404	2 466	2 550	2 612	2 766	2 926	3 098	3 224	3 348	3 474	3 598						
028	2 143	2 220	2 306	2 368	2 466	2 528	2 612	2 675	2 828	2 988	3 161	3 286	3 411	3 536	3 661						
029	2 206	2 282	2 368	2 432	2 528	2 590	2 674	2 738	2 890	3 050	3 224	3 348	3 474	3 598	3 724						
030	2 268	2 345	2 431	2 494	2 591	2 653	2 737	2 800	2 953	3 113	3 286	3 411	3 536	3 661	3 786						
031	2 330	2 408	2 494	2 546	2 654	2 716	2 800	2 862	3 016	3 176	3 348	3 474	3 598	3 724	3 848						
032	2 393	2 470	2 556	2 619	2 716	2 778	2 862	2 925	3 078	3 238	3 411	3 536	3 661	3 786	3 911						
033	2 456	2 532	2 618	2 682	2 778	2 840	2 924	2 988	3 140	3 300	3 474	3 598	3 724	3 848	3 974						
034	2 518	2 595	2 681	2 744	2 841	2 903	2 987	3 050	3 203	3 363	3 536	3 661	3 786	3 911	4 036						
035	2 580	2 658	2 744	2 796	2 904	2 966	3 050	3 112	3 266	3 426	3 598	3 724	3 848	3 974	4 098						
036	2 643	2 720	2 806	2 869	2 966	3 028	3 112	3 175	3 328	3 488	3 661	3 786	3 911	4 036	4 161						

NAVY - A8

Other Cus
USAF - 11
ARMY - AV

PARTIAL

BOLT, TENSION, STEEL, 180 KSI Flu, 450°F.,
EXTERNAL WRENCHING,
SPLINE DRIVE, FLANGED

MILITARY STANDARD

MS21134

PROCURMENT SPECIFICATION
MIL-B-8831

SUPERSIDES

SHEET 4

APPROVED 28 JAN 1977
REVISOR

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE 06, 15320

APPROVED 28 JAN 1972 REVISED

MILITARY STANDARD
MS21134

SHEET 4

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REVIEWER SYMBOLS:
DSA - IS
ARMY - AT

USER SYMBOLS:
ARMY - MI

		DIAMETER DASH NUMBERS																	
		03	04	05	06	07	08	09	10	12	14	16	18	20	22	24			
		LENGTH ± 0.015																	
CRIP DASH NO.	CRIP / .010	037	038	039	040	041	042	043	044	045	046	047	048	049	050	051	052	053	054
037	2.312	2.706	2.782	2.868	2.932	3.028	3.090	3.174	3.238	3.390	3.550	3.724	3.848	3.974	4.098	4.224			
038	2.375	2.768	2.845	2.931	2.994	3.091	3.153	3.237	3.300	3.453	3.613	3.786	3.911	4.036	4.161	4.286			
039	2.438	2.830	2.906	2.994	3.046	3.154	3.216	3.300	3.362	3.516	3.676	3.848	3.974	4.098	4.224	4.348			
040	2.500	2.893	2.970	3.056	3.119	3.216	3.278	3.362	3.425	3.578	3.738	3.911	4.036	4.161	4.286	4.411			
041	2.562	2.956	3.032	3.118	3.182	3.278	3.340	3.424	3.488	3.640	3.800	3.974	4.098	4.224	4.348	4.474			
042	2.625	3.018	3.095	3.181	3.244	3.341	3.403	3.487	3.550	3.703	3.863	4.036	4.161	4.286	4.411	4.536			
043	2.688	3.080	3.158	3.244	3.296	3.404	3.466	3.550	3.612	3.766	3.926	4.098	4.224	4.348	4.474	4.598			
044	2.750	3.143	3.220	3.306	3.369	3.466	3.528	3.612	3.675	3.828	3.988	4.161	4.286	4.411	4.536	4.661			
045	2.812	3.206	3.282	3.368	3.432	3.528	3.590	3.674	3.738	3.890	4.050	4.224	4.348	4.474	4.598	4.724			
046	2.875	3.268	3.345	3.431	3.494	3.591	3.653	3.737	3.800	3.953	4.113	4.286	4.411	4.536	4.661	4.786			
047	2.938	3.330	3.408	3.494	3.556	3.654	3.716	3.800	3.862	4.016	4.176	4.348	4.474	4.598	4.724	4.848			
048	3.000	3.393	3.470	3.556	3.619	3.716	3.778	3.862	3.925	4.078	4.238	4.411	4.536	4.661	4.786	4.911			
049	3.062	3.456	3.532	3.618	3.682	3.778	3.840	3.924	3.988	4.140	4.300	4.474	4.598	4.724	4.848	4.974			
050	3.125	3.518	3.595	3.681	3.744	3.841	3.903	3.987	4.050	4.203	4.363	4.536	4.661	4.786	4.911	5.036			
051	3.188	3.580	3.658	3.744	3.796	3.894	3.956	4.040	4.102	4.256	4.416	4.590	4.724	4.848	4.974	5.098			
052	3.250	3.643	3.720	3.806	3.869	3.966	4.028	4.112	4.175	4.328	4.488	4.661	4.786	4.911	5.036	5.161			
053	3.312	3.706	3.782	3.868	3.932	4.028	4.090	4.174	4.238	4.390	4.550	4.724	4.848	4.974	5.098	5.224			
054	3.375	3.768	3.845	3.931	3.994	4.091	4.153	4.237	4.300	4.453	4.613	4.786	4.911	5.036	5.161	5.286			
055	3.438	3.830	3.908	3.994	4.056	4.154	4.216	4.300	4.362	4.516	4.676	4.848	4.974	5.098	5.224	5.348			
056	3.500	3.893	3.970	4.056	4.119	4.216	4.278	4.362	4.425	4.578	4.738	4.911	5.036	5.161	5.286	5.411			
057	3.562	3.956	4.032	4.118	4.182	4.278	4.340	4.424	4.488	4.640	4.800	4.974	5.098	5.224	5.348	5.474			
058	3.625	4.018	4.095	4.181	4.244	4.341	4.403	4.487	4.550	4.703	4.863	5.036	5.161	5.286	5.411	5.536			
059	3.688	4.080	4.158	4.244	4.306	4.404	4.466	4.550	4.612	4.766	4.926	5.098	5.224	5.348	5.474	5.598			
060	3.750	4.143	4.220	4.306	4.369	4.466	4.528	4.612	4.675	4.828	4.988	5.161	5.286	5.411	5.536	5.661			
061	3.812	4.206	4.282	4.368	4.432	4.528	4.590	4.674	4.738	4.890	5.050	5.224	5.348	5.474	5.598	5.724			
062	3.875	4.268	4.345	4.431	4.494	4.591	4.653	4.737	4.800	4.953	5.113	5.286	5.411	5.536	5.661	5.786			
063	3.938	4.330	4.408	4.494	4.556	4.654	4.716	4.800	4.862	5.016	5.176	5.348	5.474	5.598	5.724	5.848			
064	4.000	4.393	4.470	4.556	4.619	4.716	4.778	4.862	4.925	5.078	5.238	5.411	5.536	5.661	5.786	5.911			
065	4.062	4.456	4.532	4.618	4.682	4.778	4.840	4.924	4.988	5.140	5.300	5.474	5.598	5.724	5.848	5.974			
066	4.125	4.518	4.595	4.681	4.744	4.841	4.903	4.987	5.050	5.203	5.363	5.536	5.661	5.786	5.911	6.036			
067	4.188	4.580	4.658	4.744	4.806	4.904	4.966	5.050	5.112	5.266	5.426	5.598	5.724	5.848	5.974	6.100			
068	4.250	4.643	4.720	4.806	4.869	4.966	5.028	5.112	5.175	5.328	5.488	5.661	5.786	5.911	6.036	6.161			
069	4.312	4.706	4.782	4.868	4.932	5.028	5.090	5.174	5.238	5.390	5.550	5.724	5.848	5.974	6.100	6.224			
070	4.375	4.768	4.845	4.931	4.994	5.091	5.153	5.237	5.300	5.453	5.613	5.786	5.911	6.036	6.161	6.286			
071	4.438	4.830	4.908	4.994	5.056	5.154	5.216	5.300	5.362	5.516	5.676	5.848	5.974	6.100	6.224	6.348			
072	4.500	4.893	4.970	5.056	5.119	5.216	5.278	5.362	5.425	5.578	5.738	5.911	6.036	6.161	6.286	6.411			
073	4.562	4.956	5.032	5.118	5.182	5.278	5.340	5.424	5.488	5.640	5.800	5.974	6.100	6.224	6.348	6.474			
074	4.625	5.018	5.095	5.181	5.244	5.341	5.403	5.487	5.550	5.703	5.863	6.036	6.161	6.286	6.411	6.536			

FED SUP CLASS
5306

APPROVED 28 JAN 1972 REVISED

P A NAVY - A8		TITLE		MILITARY STANDARD	
Other Cust UBAF - 11 ARMY - AV		BOLT, TENSION, STEEL, 180 KSI F _u , 4150 ^h , EXTERNAL WRENCHING, SPIRAL DRIVE, FLANGED		MS21134	
PROCUREMENT SPECIFICATION MIL-D-8831		SUPERSEDES		REVISION	

FED SUP CLASS
5306

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE NO. 13329

APPROVED 28 JAN 1972 REVISED

MILITARY STANDARD
MS21134

SHEET 1

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 of the Department of Defense. Selection for all new
 engineering and design applications and for replacement use shall
 be made from this document.

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 For future coordination of changes to this document, draft identification
 should be based on the information in the current 900133.

REVISION SYMBOLS:
 DSA - IS
 ARMY - AT

USER SYMBOLS:
 ARMY - MI

GRIP DASH NO.		GRIP - 010	DIAMETER DASH NUMBERS															
			03	04	05	06	07	08	09	10	12	14	16	18	20	22	24	
			LENGTH - 015															
076	4.750	5.143	5.220	5.300	5.369	5.468	5.528	5.612	5.675	5.828	5.988	6.161	6.286	6.411	6.536	6.661		
078	4.875	5.268	5.345	5.431	5.494	5.591	5.653	5.737	5.800	5.953	6.113	6.286	6.411	6.536	6.661	6.786		
080	5.000	5.393	5.470	5.556	5.619	5.716	5.778	5.862	5.925	6.078	6.238	6.411	6.536	6.661	6.786	6.911		
082	5.125	5.518	5.595	5.681	5.744	5.841	5.903	5.987	6.050	6.203	6.363	6.536	6.661	6.786	6.911	7.036		
084	5.250	5.643	5.720	5.806	5.869	5.966	6.028	6.112	6.175	6.328	6.488	6.661	6.786	6.911	7.036	7.161		
086	5.375	5.768	5.845	5.931	5.994	6.091	6.153	6.237	6.300	6.453	6.613	6.786	6.911	7.036	7.161	7.286		
088	5.500	5.893	5.970	6.056	6.119	6.216	6.278	6.362	6.425	6.578	6.738	6.911	7.036	7.161	7.286	7.411		
090	5.625	6.018	6.095	6.181	6.244	6.341	6.403	6.487	6.550	6.703	6.863	7.036	7.161	7.286	7.411	7.536		
092	5.750	6.143	6.220	6.306	6.369	6.466	6.528	6.612	6.675	6.828	6.988	7.161	7.286	7.411	7.536	7.661		
094	5.875	6.268	6.345	6.431	6.494	6.591	6.653	6.737	6.800	6.953	7.113	7.286	7.411	7.536	7.661	7.786		
096	6.000	6.393	6.470	6.556	6.619	6.716	6.778	6.862	6.925	7.078	7.238	7.411	7.536	7.661	7.786	7.911		
098	6.125							6.987	7.050	7.203	7.363	7.536	7.661	7.786	7.911	8.036		
100	6.250							7.112	7.175	7.328	7.488	7.661	7.786	7.911	8.036	8.161		
102	6.375							7.237	7.300	7.453	7.613	7.786	7.911	8.036	8.161	8.286		
104	6.500							7.362	7.425	7.578	7.738	7.911	8.036	8.161	8.286	8.411		
106	6.625							7.487	7.550	7.703	7.863	8.036	8.161	8.286	8.411	8.536		
108	6.750							7.612	7.675	7.828	7.988	8.161	8.286	8.411	8.536	8.661		
110	6.875							7.737	7.800	7.953	8.113	8.286	8.411	8.536	8.661	8.786		
112	7.000							7.862	7.925	8.078	8.238	8.411	8.536	8.661	8.786	8.911		
114	7.125												8.661	8.786	8.911	9.036		
116	7.250												8.786	8.911	9.036	9.161		
118	7.375												8.911	9.036	9.161	9.286		
120	7.500												9.036	9.161	9.286	9.411		
122	7.625												9.161	9.286	9.411	9.536		
124	7.750												9.286	9.411	9.536	9.661		
126	7.875												9.411	9.536	9.661	9.786		
128	8.000												9.536	9.661	9.786	9.911		
PA NAVY - A3			TITLE															
Other Cast USAF - 11 ARMY - AV			BOLT, TENSION, RIFEL, 140 KSI Flt, 480° F, EXTERNAL WRENCHING, SPLINE DRIFT, FLANGED															
PRIVUREMENT SPECIFICATION MIL-B-8831			SUPERSEDES															

DIAMETER DASH NO. AT TOP OF TABLE, PLUS GRIP DASH NO. FIRST COLUMN ON LEFT OF TABLE CONSTITUTES A COMPLETE DASH NO.
 IDENTIFYING SPECIFIED LENGTHS OF A GIVEN SIZE BOLT.

ADD LETTER 'F' BEFORE DASH NO. TO DESIGNATE DRILLED HEAD.

LAST THREE DASH NUMBERS DESIGNATE GRIP LENGTH IN SIXTEENTHS.

UNASSIGNED DASH NUMBERS SHALL NOT BE USED

EXAMPLES OF PART NUMBER MS21134-04008 - 1 4 - 28 BOLT 978 LONG, 500 GRIP, UNDRILLED HEAD.
 MS21134H0-008 1 4 - 28 BOLT 970 LONG, 500 GRIP, DRILLED HEAD.
 MS21134-05012 5 16 - 24 BOLT 1,304 LONG, 750 GRIP, UNDRILLED HEAD.
 MS21134H05012 5 16 - 24 BOLT 1,304 LONG, 750 GRIP, DRILLED HEAD.

FED SUP CLASS
 3306

APPROVED 28 JAN 1972 REVISED

MILITARY STANDARD
MS21134

SHEET 6

DD FORM 672-1 (Coordinated)

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DOCUMENT IDENTIFIER AND TITLE MS21134 BOLT, TENSION, STEEL, 180 KSI Ft _u , 450°F., EXTERNAL WRENCHING, SPLINE DRIVE, FLANGED		
NAME OF ORGANIZATION AND ADDRESS	CONTRACT NUMBER	
	MATERIAL PROCURED UNDER A	
	<input type="checkbox"/> DIRECT GOVERNMENT CONTRACT <input type="checkbox"/> SUBCONTRACT	
1. HAS ANY PART OF THE DOCUMENT CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE? A GIVE PARAGRAPH NUMBER AND WORDING. B RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES		
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