

MIL-STD-274B
15 MARCH 1963

SUPERSEDING
MIL-STD-274A
5 MARCH 1958

MILITARY STANDARD

GAGES, PLUG, THREAD SETTING, CLASS W,

FOR LO (NOT GO) GAGES

UNIFIED STANDARD CLASSES 2A AND 3A AND

AMERICAN NATIONAL STANDARD CLASS 3 EXTERNAL THREADS



FED. SUP CLASS
5220

Mil-Std-274B
15 March 1963

DEPARTMENT OF DEFENSE
WASHINGTON 25, D.C.

Gages, Plug, Thread, Setting, Class W, for LO (Not Go) Gages Unified Standard Classes 2A and 3A and American National Standard Class 3 External Threads

Mil-Std-274B

1. This standard has been approved by the Department of Defense and is mandatory for use by the Departments of the Army, the Navy, and the Air Force, effective 15 March 1963.

2. Recommended corrections, additions, or deletions should be addressed to Headquarters, DSA, Standardization Division, Washington 25, D. C.

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1. Scope

1.1 This standard covers pertinent design data and Mil-Std Part Numbers for American Gage Design Standard truncated thread setting plug gages for LO (not go) gages for Unified Standard classes 2A and 3A and American National Standard class 3 external threads.

1.2 The minimum limits of certain standard external threads are identical for both the Unified Standard and American National Standard thread systems for the same nominal size threads per inch and class of fit. In these particular cases one part number is applicable and the thread designation is combined (For example: .5000-13UNC-3A-3 W).

1.3 The design data for truncated thread setting plug gages employs class "W" gage manufacturing tolerances in accordance with the U. S. Department of Commerce Handbook H28 'Screw-Thread Standards for Federal Services'.

2. Referenced Documents

2.1 The issues of the following documents in effect on the date of invitation for bids form a part of this standard.

Standard

Mil-Std-10 Surface Roughness Waviness and Lay

(Application for copies should be addressed to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.)

Specification

Mil-G-45654 Gages, Plug and Ring, Thread

(Copies of specifications should be obtained from the procuring activity or as directed by the Contracting Officer.)

Other Publications

U.S. Department of Commerce, National Bureau of Standards, Handbook H28 Screw-Thread Standards for Federal Services .

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U.S. Department of Commerce, Commercial Standard CS8,
"Gage Blanks".

(Application for copies should be addressed to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.)

1. Definitions

Not applicable

2. General Requirements

2.1 This standard contains four tables. Table I provides tabulated design data required for manufacture and inspection and is arranged in ascending size sequence according to thread designation for Unified Standard gages. Table II provides tabulated design data required for manufacture and inspection and is also arranged in ascending size sequence according to thread designation for American National Standard gages. Table III contains thread designations previously listed in the Standard series of Unified Standard thread (with the exception of 1.0000-14NS-3 W which was listed also in the American National Thread Series). They have been redesignated from Standard to special (UNS) threads and are listed herein for reference purposes. Table IV is a listing of Mil-Std Part Numbers in ascending numerical sequence, and is provided as an aid for locating the required design data contained in tables I, II, and III for any given Mil-Std Part Number.

2.1.1 Tables I, II, and III. Tabulation of Design and Identification Data.

2.1.1.1 Mil-Std Part Numbers and the corresponding thread designation for each truncated thread setting plug gage are listed in columns B and C respectively.

2.1.1.2 Column A lists the proper reference to the applicable figure (drawing) for each Mil-Std Part Number.

2.1.1.3 Columns B to D inclusive list the identification data for each Mil-Std Part Number and, when applied to the figure (drawing) referenced in column A, provide information for proper marking of the gages. It is not necessary to mark the "5220" indicated in column B on the gage. For example: Mil-Std Part Number 5220-749-8366 may be marked 7498366 on the gage.

2.1.1.4 Columns E to K inclusive list the design data for each Mil-Std Part Number and, when applied to the figure (drawing) referenced in column A, provide data required for manufacture and inspection.

2.1.1.5 The unit of measurement in columns D, E, F, G, H, and K is inches; column J is \pm minutes of a degree.

2.1.1.6 Design data, etc., not specifically covered in this standard shall conform to the latest issue of the documents referenced in paragraph 2 above.

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4.1.2 Table IV. Listing of Mil-Std Part Numbers in Numerical Sequence.

4.1.2.1 All Mil-Std Part Numbers contained in this standard are listed in ascending numerical sequence in column A.

4.1.2.2 Column B references the page number in tables I, II, and III where the design and identification data for the applicable Mil-Std Part Number may be found.

5. Procurement

5.1 The general requirements and tabulated design data contained in this standard are applicable for procurement purposes, as are the referenced manufacturing and inspection specifications.

5.2 Ordering Data. Procurement documents should specify the following:

- (a) Title, number, and date of this standard.
- (b) Number of gages required and Mil-Std Part Number.
- (c) Place of delivery for acceptance inspection.

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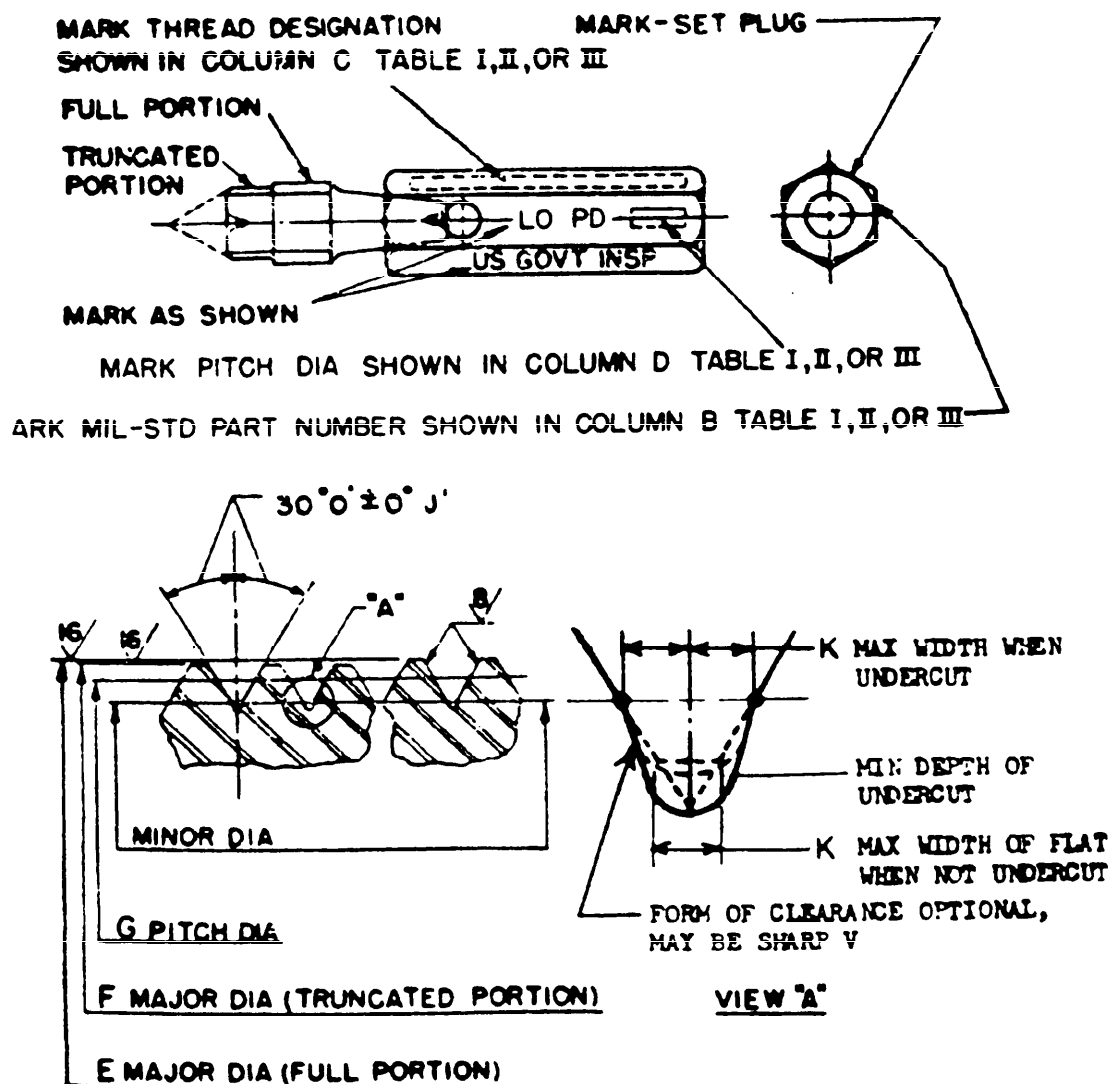
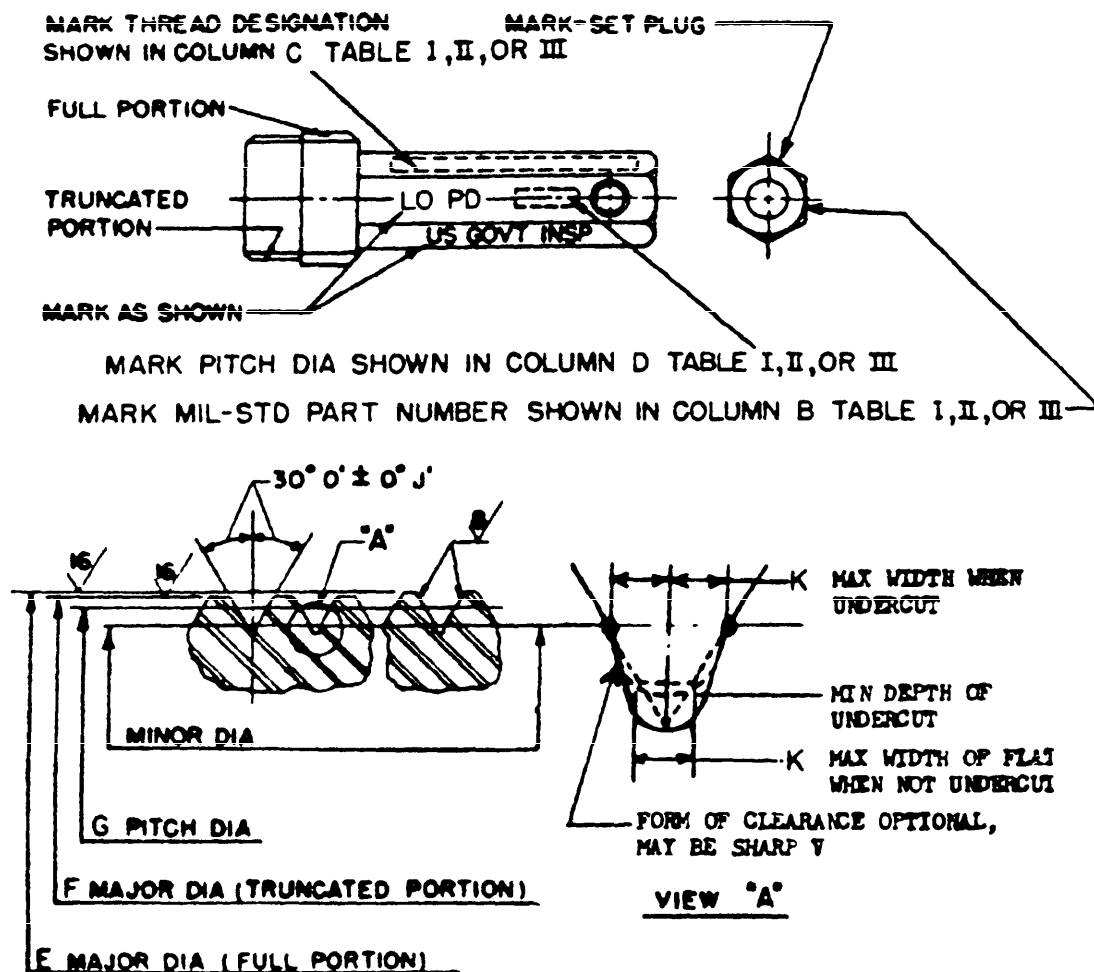


FIGURE 1. Truncated thread setting plug gage (taper lock type).

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TOLERANCE ON LEAD H

FIGURE 2. Truncated thread setting plug gage (trilock type).

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread

Q.C. NO.	MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
1	5220-749-8366	(0) .060-80UNF-2A W	.0496	.0584 +.0003	.0550 -.0003	.0496 +.0001	.0001	20	.0016
1	5220-749-8367	(0) .060-80UNF-3A-3 W	.0506	.0594 +.0003	.0560 -.0003	.0506 +.0001	.0001	20	.0016
1	5220-749-8368	(1) .073-64UNC-2A W	.0603	.0717 +.0003	.0671 -.0003	.0603 +.0001	.0001	20	.0020
1	5220-749-8369	(1) .073-64UNC-3A W	.0614	.0728 +.0003	.0682 -.0003	.0614 +.0001	.0001	20	.0020
1	5220-749-8371	(1) .073-72UNF-2A W	.0615	.0715 +.0003	.0675 -.0003	.0615 +.0001	.0001	20	.0017
1	5220-749-8372	(1) .073-72UNF-3A W	.0626	.0726 +.0003	.0686 -.0003	.0626 +.0001	.0001	20	.0017
1	5220-749-8374	(2) .086-56UNC-2A W	.0717	.0850 +.0003	.0794 -.0003	.0717 +.0001	.0001	20	.0022
1	5220-749-8375	(2) .086-56UNC-3A W	.0728	.0860 +.0003	.0805 -.0003	.0728 +.0001	.0001	20	.0022
1	5220-749-8377	(2) .086-64UNF-2A W	.0733	.0847 +.0003	.0801 -.0003	.0733 +.0001	.0001	20	.0020
1	5220-749-8378	(2) .086-64UNF-3A W	.0744	.0858 +.0003	.0812 -.0003	.0744 +.0001	.0001	20	.0020
1	5220-749-8380	(3) .099-48UNC-2A W	.0825	.0981 +.0003	.0915 -.0003	.0825 +.0001	.0001	18	.0026
1	5220-749-8381	(3) .099-48UNC-3A W	.0838	.0990 +.0003	.0928 -.0003	.0838 +.0001	.0001	18	.0026
1	5220-749-8383	(3) .099-56UNF-2A W	.0845	.0978 +.0003	.0922 -.0003	.0845 +.0001	.0001	20	.0022
1	5220-749-8384	(3) .099-56UNF-3A W	.0858	.0990 +.0003	.0935 -.0003	.0858 +.0001	.0001	20	.0022
1	5220-749-8386	(4) .112-40UNC-2A W	.0925	.1112 +.0003	.1033 -.0003	.0925 +.0001	.0001	15	.0031

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
1	5220-749-8387	(4) .112-40UNC-3A W	.0939	.1120 +.0003	.1047 -.0003	.0939 +.0001	.0001	15	.0031
1	5220-749-8389	(4) .112-48UNF-2A W	.0954	.1110 +.0003	.1044 -.0003	.0954 +.0001	.0001	18	.0026
1	5220-749-8390	(4) .112-48UNF-3A W	.0967	.1120 +.0003	.1057 -.0003	.0967 +.0001	.0001	18	.0026
1	5220-749-8392	(5) .125-40UNC-2A W	.1054	.1242 +.0003	.1162 -.0003	.1054 +.0001	.0001	15	.0031
1	5220-749-8393	(5) .125-40UNC-3A W	.1069	.1250 +.0003	.1177 -.0003	.1069 +.0001	.0001	15	.0031
1	5220-749-8395	(5) .125-44UNF-2A W	.1070	.1240 +.0003	.1168 -.0003	.1070 +.0001	.0001	15	.0028
1	5220-749-8396	(5) .125-44UNF-3A W	.1083	.1250 +.0003	.1181 -.0003	.1083 +.0001	.0001	15	.0028
1	5220-749-8398	(6) .138-32UNC-2A W	.1141	.1372 +.0003	.1276 -.0003	.1141 +.0001	.0001	12	.0039
1	5220-749-8399	(6) .138-32UNC-3A W	.1156	.1380 +.0003	.1291 -.0003	.1156 +.0001	.0001	12	.0039
1	5220-749-8401	(6) .138-40UNF-2A W	.1184	.1372 +.0003	.1292 -.0003	.1184 +.0001	.0001	15	.0031
1	5220-749-8402	(6) .138-40UNF-3A W	.1198	.1380 +.0003	.1306 -.0003	.1198 +.0001	.0001	15	.0031
1	5220-749-8404	(8) .164-32UNC-2A W	.1399	.1631 +.0003	.1534 -.0003	.1399 +.0001	.0001	12	.0039
1	5220-749-8405	(8) .164-32UNC-3A W	.1415	.1640 +.0003	.1550 -.0003	.1415 +.0001	.0001	12	.0039
1	5220-749-8407	(8) .164-36UNF-2A W	.1424	.1632 +.0003	.1544 -.0003	.1424 +.0001	.0001	12	.0035
1	5220-749-8408	(8) .164-36UNF-3A W	.1439	.1640 +.0003	.1559 -.0003	.1439 +.0001	.0001	12	.0035

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

FIG. NO.	MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
1	5220-749-8410	(10) .190-24UNC-2A W	.1586	.1890 +.0005	.1766 -.0005	.1586 +.0001	.00015	8	.0052
1	5220-749-8411	(10) .190-24UNC-3A W	.1604	.1900 +.0005	.1784 -.0005	.1604 +.0001	.00015	8	.0052
1	5220-749-8413	(10) .190-32UNF-2A W	.1658	.1891 +.0003	.1793 -.0003	.1658 +.0001	.0001	12	.0039
1	5220-749-8414	(10) .190-32UNF-3A W	.1674	.1900 +.0003	.1809 -.0003	.1674 +.0001	.0001	12	.0039
1	5220-749-8416	(12) .216-24UNC-2A W	.1845	.2150 +.0005	.2025 -.0005	.1845 +.0001	.00015	8	.0052
1	5220-749-8417	(12) .216-24UNC-3A W	.1863	.2160 +.0005	.2043 -.0005	.1863 +.0001	.00015	8	.0052
1	5220-749-8419	(12) .216-28UNF-2A W	.1886	.2150 +.0005	.2041 -.0005	.1886 +.0001	.00015	8	.0045
1	5220-749-8420	(12) .216-28UNF-3A W	.1904	.2160 +.0005	.2059 -.0005	.1904 +.0001	.00015	8	.0045
1	5220-751-6804	(12) .216-32UNEF-2A W	.1917	.2151 +.0003	.2052 -.0003	.1917 +.0001	.0001	12	.0039
1	5220-751-6805	(12) .216-32UNEF-3A W	.1933	.2160 +.0003	.2068 -.0003	.1933 +.0001	.0001	12	.0039
1	5220-749-8422	.2500-20UNC-2A W	.2127	.2489 +.0005	.2344 -.0005	.2127 +.0001	.00015	8	.0062
1	5220-749-8423	.2500-20UNC-3A W	.2147	.2500 +.0005	.2364 -.0005	.2147 +.0001	.00015	8	.0062
1	5220-749-8425	.2500-28UNF-2A W	.2225	.2490 +.0005	.2380 -.0005	.2225 +.0001	.00015	8	.0045
1	5220-749-8426	.2500-28UNF-3A W	.2243	.2500 +.0005	.2398 -.0005	.2243 +.0001	.00015	8	.0045
1	5220-749-8428	.2500-32UNEF-2A W	.2255	.2489 +.0003	.2390 -.0003	.2255 +.0001	.0001	12	.0039

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

FILE NO.	MARKING ON CAGE HANDLE		TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					TOL		
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K	
1	5220-749-8429	.2500-32UNEF-3A W	.2273	.2500 +.0003	.2408 -.0003	.2273 +.0001	.0001	12	.0039	
1	5220-749-8431	.3125-18UNC-2A W	.2712	.3113 +.0005	.2953 -.0005	.2712 +.0001	.00015	8	.0069	
1	5220-749-8432	.3125-18UNC-3A-3 W	.2734	.3125 +.0005	.2975 -.0005	.2734 +.0001	.00015	8	.0069	
1	7519207	.3125-20UN-2A W	.2748	.3113 +.0005	.2965 -.0005	.2748 +.0001	.00015	8	.0062	
1	7519208	.3125-20UN-3A W	.2770	.3125 +.0005	.2987 -.0005	.2770 +.0001	.00015	8	.0062	
1	5220-749-8433	.3125-24UNF-2A W	.2806	.3114 +.0005	.2986 -.0005	.2806 +.0001	.00015	8	.0052	
1	5220-749-8434	.3125-24UNF-3A W	.2827	.3125 +.0005	.3007 -.0005	.2827 +.0001	.00015	8	.0052	
1	7519209	.3125-28UN-2A W	.2849	.3115 +.0005	.3004 -.0005	.2849 +.0001	.00015	8	.0045	
1	7519210	.3125-28UN-3A W	.2867	.3125 +.0005	.3022 -.0005	.2867 +.0001	.00015	8	.0045	
1	5220-749-8436	.3125-32UNEF-2A W	.2880	.3114 +.0003	.3015 -.0003	.2880 +.0001	.0001	12	.0039	
1	5220-749-8437	.3125-32UNEF-3A W	.2898	.3125 +.0003	.3033 -.0003	.2898 +.0001	.0001	12	.0039	
1	5220-749-8439	.3750-16UNC-2A W	.3287	.3737 +.0006	.3558 -.0006	.3287 +.0001	.00015	8	.0078	
1	5220-749-8440	.3750-16UNC-3A W	.3311	.3750 +.0006	.3582 -.0006	.3311 +.0001	.00015	8	.0078	
1	7519211	.3750-20UN-2A W	.3372	.3738 +.0005	.3589 -.0005	.3372 +.0001	.00015	8	.0062	
1	7519212	.3750-20UN-3A W	.3394	.3750 +.0005	.3611 -.0005	.3394 +.0001	.00015	8	.0062	

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

QZ	MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOE ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
1	7519218	.4375-32UN-3A W	.4147	.4375 +.0003	.4282 -.0003	.4147 +.0001	.0001	12	.0039
1	5220-749-8458	.5000-13UNC-2A W	.4435	.4985 +.0006	.4768 -.0006	.44350 +.00015	.0002	6	.0096
1	5220-749-8459	.5000-13UNC-3A-3 W	.4463	.5000 +.0006	.4796 -.0006	.44630 +.00015	.0002	6	.0096
1	7519219	.5000-16UN-2A W	.4533	.4986 +.0006	.4804 -.0006	.4533 +.0001	.00015	8	.0078
1	7519220	.5000-16UN-3A W	.4559	.5000 +.0006	.4830 -.0006	.4559 +.0001	.00015	8	.0078
1	5220-749-8460	.5000-20UNF-2A W	.4619	.4987 +.0005	.4836 -.0005	.4619 +.0001	.00015	8	.0062
1	5220-749-8461	.5000-20UNF-3A W	.4643	.5000 +.0005	.4860 -.0005	.4643 +.0001	.00015	8	.0062
1	5220-749-8463	.5000-28UNEF-2A W	.4720	.4988 +.0005	.4875 -.0005	.4720 +.0001	.00015	8	.0045
1	5220-749-8464	.5000-28UNEF-3A W	.4740	.5000 +.0005	.4895 -.0005	.4740 +.0001	.00015	8	.0045
1	7519221	.5000-32UN-2A W	.4752	.4986 +.0003	.4887 -.0003	.4752 +.0001	.0001	12	.0039
1	7519222	.5000-32UN-3A W	.4771	.5000 +.0003	.4906 -.0003	.4771 +.0001	.0001	12	.0039
1	5220-749-8466	.5625-12UNC-2A W	.5016	.5609 +.0006	.5377 -.0006	.5016 +.0002	.0002	6	.0104
1	5220-749-8467	.5625-12UNC-3A W	.5045	.5625 +.0006	.5406 -.0006	.5045 +.0002	.0002	6	.0104
1	7519223	.5625-16UN-2A W	.5158	.5611 +.0006	.5429 -.0006	.5158 +.0002	.00015	8	.0078
1	7519224	.5625-16UN-3A W	.5184	.5625 +.0006	.5455 -.0006	.5184 +.0002	.00015	8	.0078

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON CAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
FIG. NO.	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
				MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
1	5220-749-8469	.5625-18UNF-2A W	.5205	.5611 +.0005	.5446 -.0005	.52050 +.00015	.00015	8	.0069
1	5220-749-8470	.5625-18UNF-3A W	.5230	.5625 +.0005	.5471 -.0005	.52300 +.00015	.00015	8	.0069
1	7519225	.5625-20UN-2A W.	.5245	.5612 +.0005	.5462 -.0005	.52450 +.00015	.00015	8	.0062
1	7519226	.5625-20UN-3A W	.5268	.5625 +.0005	.5485 -.0005	.52680 +.00015	.00015	8	.0062
1	5220-749-8472	.5625-24UNEF-2A W	.5303	.5613 +.0005	.5483 -.0005	.53030 +.00015	.00015	8	.0052
1	5220-749-8473	.5625-24UNEF-3A W	.5325	.5625 +.0005	.5505 -.0005	.53250 +.00015	.00015	8	.0052
1	7519227	.5625-28UN-2A W	.5345	.5613 +.0005	.5500 -.0005	.53450 +.00015	.00015	8	.0045
1	7519228	.5625-28UN-3A W	.5365	.5625 +.0005	.5520 -.0005	.53650 +.00015	.00015	8	.0045
1	7519229	.5625-32UN-2A W	.5377	.5611 +.0005	.5512 -.0005	.53770 +.00015	.00015	12	.0039
1	7519230	.5625-32UN-3A W	.5396	.5625 +.0005	.5531 -.0005	.53960 +.00015	.00015	12	.0039
1	5220-749-8475	.6250-11UNC-2A W	.5589	.6234 +.0006	.5983 -.0006	.5589 +.0002	.0002	6	.0114
1	5220-749-8476	.6250-11UNC-3A W	.5619	.6250 +.0006	.6013 -.0006	.5619 +.0002	.0002	6	.0114
1	5220-751-6808	.6250-12UN-2A W	.5639	.6234 +.0006	.6000 -.0006	.5639 +.0002	.0002	6	.0104
1	5220-751-6809	.6250-12UN-3A W	.5668	.6250 +.0006	.6029 -.0006	.5668 +.0002	.0002	6	.0104
1	7519231	.6250-16UN-2A W	.5782	.6236 +.0006	.6053 -.0006	.5782 +.0002	.00015	8	.0078

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

FIG. NO.	MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
1	7519232	.6250-16UN-3A W	.5808	.6250 +.0006	.6079 -.0006	.5808 +.0002	.00015	8	.0078
1	5220-749-8479	.6250-18UNF-2A W	.5828	.6236 +.0005	.6069 -.0005	.58280 +.00015	.00015	8	.0069
1	5220-749-8480	.6250-18UNF-3A W	.5854	.6250 +.0005	.6095 -.0005	.58540 +.00015	.00015	8	.0069
1	7519233	.6250-20UN-2A W	.5869	.6237 +.0005	.6086 -.0005	.58690 +.00015	.00015	8	.0062
1	7519234	.6250-20UN-3A W	.5893	.6250 +.0005	.6110 -.0005	.58930 +.00015	.00015	8	.0062
1	5220-749-8482	.6250-24UNEF-2A W	.5927	.6238 +.0005	.6107 -.0005	.59270 +.00015	.00015	8	.0052
1	5220-749-8483	.6250-24UNEF-3A W	.5949	.6250 +.0005	.6129 -.0005	.59490 +.00015	.00015	8	.0052
1	7519235	.6250-28UN-2A W	.5969	.6237 +.0005	.6124 -.0005	.59690 +.00015	.00015	8	.0045
1	7519236	.6250-28UN-3A W	.5990	.6250 +.0005	.6145 -.0005	.59900 +.00015	.00015	8	.0045
1	7519237	.6250-32UN-2A W	.6000	.6234 +.0005	.6135 -.0005	.60000 +.00015	.00015	12	.0039
1	7519238	.6250-32UN-3A W	.6020	.6250 +.0005	.6155 -.0005	.60200 +.00015	.00015	12	.0039
1	5220-751-6810	.6875-12UN-2A W	.6264	.6859 +.0006	.6625 -.0006	.6264 +.0002	.0002	6	.0104
1	5220-751-6811	.6875-12UN-3A W	.6293	.6875 +.0006	.6654 -.0006	.6293 +.0002	.0002	6	.0104
1	7519239	.6875-16UN-2A W	.6407	.6861 +.0006	.6678 -.0006	.6407 +.0002	.00015	8	.0078
1	7519240	.6875-16UN-3A W	.6433	.6875 +.0006	.6704 -.0006	.6433 +.0002	.00015	8	.0078

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON GAGE HANDLE				TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
QZ QZ QZ	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA		PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
				MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION					
A	B	C	D	E	F	G	H	J	K	
1	7519241	.6875-20UN-2A W	.6494	.6862 +.0005	.6711 -.0005	.64940 +.00015	.00015	8	.0062	
1	7519242	.6875-20UN-3A W	.6518	.6875 +.0005	.6735 -.0005	.65180 +.00015	.00015	8	.0062	
1	5220-749-8486	.6875-24UNEF-2A W	.6552	.6863 +.0005	.6732 -.0005	.65520 +.00015	.00015	8	.0052	
1	5220-749-8487	.6875-24UNEF-3A W	.6574	.6875 +.0005	.6754 -.0005	.65740 +.00015	.00015	8	.0052	
1	7519243	.6875-28UN-2A W	.6594	.6862 +.0005	.6749 -.0005	.65940 +.00015	.00015	8	.0045	
1	7519244	.6875-28UN-3A W	.6615	.6875 +.0005	.6770 -.0005	.66150 +.00015	.00015	8	.0045	
1	7519245	.6875-32UN-2A W	.6625	.6859 +.0005	.6760 -.0005	.66250 +.00015	.00015	12	.0039	
1	7519246	.6875-32UN-3A W	.6645	.6875 +.0005	.6780 -.0005	.66450 +.00015	.00015	12	.0039	
1	5220-749-8489	.7500-10UNC-2A W	.6773	.7482 +.0006	.7206 -.0006	.6773 +.0002	.00025	6	.0125	
1	5220-749-8490	.7500-10UNC-3A W	.6806	.7500 +.0006	.7239 -.0006	.6806 +.0002	.00025	6	.0125	
1	5220-751-6812	.7500-12UN-2A W	.6887	.7483 +.0006	.7248 -.0006	.6887 +.0002	.0002	6	.0104	
1	5220-751-6813	.7500-12UN-3A W	.6918	.7500 +.0006	.7279 -.0006	.6918 +.0002	.0002	6	.0104	
1	5220-749-8493	.7500-16UNF-2A W	.7029	.7485 +.0006	.7300 -.0006	.7029 +.0002	.00015	8	.0078	
1	5220-749-8494	.7500-16UNF-3A W	.7056	.7500 +.0006	.7327 -.0006	.7056 +.0002	.00015	8	.0078	
1	5220-749-8496	.7500-20UNEF-2A W	.7118	.7487 +.0005	.7335 -.0005	.71180+.00015	.00015	8	.0062	

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

Q	MARKING ON CAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
1	5220-749-8497	.7500-20UNEF-3A W	.7142	.7500 +.0005	.7359 -.0005	.71420 +.00015	.00015	8	.0062
1	7519247	.7500-28UN-2A W	.7218	.7486 +.0005	.7373 -.0005	.72180 +.00015	.00015	8	.0045
1	7519248	.7500-28UN-3A W	.7239	.7500 +.0005	.7384 -.0005	.72390 +.00015	.00015	8	.0045
1	7519249	.7500-32UN-2A W	.7250	.7484 +.0005	.7385 -.0005	.72500 +.00015	.00015	12	.0039
1	7519250	.7500-32UN-3A W	.7270	.7500 +.0005	.7405 -.0005	.72700 +.00015	.00015	12	.0039
1	5220-751-6814	.8125-12UN-2A W	.7512	.8108 +.0006	.7873 -.0006	.7512 +.0002	.0002	6	.0104
1	5220-751-6815	.8125-12UN-3A W	.7543	.8125 +.0006	.7904 -.0006	.7543 +.0002	.0002	6	.0104
1	5220-751-6816	.8125-16UN-2A W	.7655	.8110 +.0006	.7926 -.0006	.7655 +.0002	.00015	8	.0078
1	5220-751-6817	.8125-16UN-3A W	.7683	.8125 +.0006	.7954 -.0006	.7683 +.0002	.00015	8	.0078
1	5220-749-8501	.8125-20UNEF-2A W	.7743	.8112 +.0005	.7960 -.0005	.77430 +.00015	.00015	8	.0062
1	5220-749-8502	.8125-20UNEF-3A W	.7767	.8125 +.0005	.7984 -.0005	.77670 +.00015	.00015	8	.0062
1	7519251	.8125-28UN-2A W	.7843	.8111 +.0005	.7998 -.0005	.78430 +.00015	.00015	8	.0045
1	7519252	.8125-28UN-3A W	.7864	.8125 +.0005	.8019 -.0005	.78640 +.00015	.00015	8	.0045
1	7519253	.8125-32UN-2A W	.7875	.8109 +.0005	.8010 -.0005	.78750 +.00015	.00015	12	.0039
1	7519254	.8125-32UN-3A W	.7895	.8125 +.0005	.8030 -.0005	.78950 +.00015	.00015	12	.0039

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

QTY	MIL-STD PART NUMBER	MARKING ON GAGE HANDLE		TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						HALF ANGLE TOL	ROOT CLEAR K
		THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	H	J		
A	B	C	D	E	F	G	H	J	K		
1	5220-749-8504	.8750-9UNC-2A W	.7946	.8731 +.0007	.8427 -.0007	.7946 +.0002	.00025	6	.0139		
1	5220-749-8505	.8750-9UNC-3A W	.7981	.8750 +.0007	.8462 -.0007	.7981 +.0002	.00025	6	.0139		
1	5220-751-6818	.8750-12UN-2A W	.8137	.8733 +.0006	.8498 -.0006	.8137 +.0002	.0002	6	.0104		
1	5220-751-6819	.8750-12UN-3A W	.8168	.8750 +.0006	.8529 -.0006	.8168 +.0002	.0002	6	.0104		
1	5220-749-8508	.8750-14UNF-2A W	.8216	.8734 +.0006	.8525 -.0006	.8216 +.0002	.0002	6	.0089		
1	5220-749-8509	.8750-14UNF-3A W	.8245	.8750 +.0006	.8554 -.0006	.8245 +.0002	.0002	6	.0089		
1	5220-751-6820	.8750-16UN-2A W	.8280	.8735 +.0006	.8551 -.0006	.8280 +.0002	.00015	8	.0078		
1	5220-749-8511	.8750-16UN-3A-3 W	.8308	.8750 +.0006	.8579 -.0006	.8308 +.0002	.00015	8	.0078		
1	5220-749-8512	.8750-20UNEF-2A W	.8368	.8737 +.0005	.8585 -.0005	.8368 +.00015	.00015	8	.0062		
1	5220-749-8513	.8750-20UNEF-3A-3 W	.8392	.8750 +.0005	.8609 -.0005	.8392 +.00015	.00015	8	.0062		
1	7519255	.8750-28UN-2A W	.8468	.8736 +.0005	.8623 -.0005	.8468 +.00015	.00015	8	.0045		
1	7519256	.8750-28UN-3A W	.8489	.8750 +.0005	.8644 -.0005	.8489 +.00015	.00015	8	.0045		
1	7519257	.8750-32UN-2A W	.8500	.8734 +.0005	.8635 -.0005	.8500 +.00015	.00015	12	.0039		
1	7519258	.8750-32UN-3A W	.8520	.8750 +.0005	.8655 -.0005	.8520 +.00015	.00015	12	.0039		
1	5220-751-6821	.9375-12UN-2A W	.8760	.9358 +.0006	.9121 -.0006	.8760 +.0002	.0002	6	.0104		

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
1	5220-751-6822	.9375-12UN-3A W	.8793	.9375 +.0006	.9154 -.0006	.8793 +.0002	.0002	6	.0104
1	5220-751-6823	.9375-16UN-2A W	.8904	.9360 +.0006	.9175 -.0006	.8904 +.0002	.00015	8	.0078
1	5220-751-6824	.9375-16UN-3A W	.8932	.9375 +.0006	.9203 -.0006	.8932 +.0002	.00015	8	.0078
1	5220-749-8516	.9375-20UNEF-2A W	.8991	.9361 +.0005	.9208 -.0005	.89910 +.00015	.00015	8	.0062
1	5220-749-8517	.9375-20UNEF-3A W	.9016	.9375 +.0005	.9233 -.0005	.90160 +.00015	.00015	8	.0062
1	7519259	.9375-28UN-2A W	.9091	.9359 +.0005	.9246 -.0005	.90910 +.00015	.00015	8	.0045
1	7519260	.9375-28UN-3A W	.9113	.9375 +.0005	.9268 -.0005	.91130 +.00015	.00015	8	.0045
1	7519261	.9375-32UN-2A W	.9123	.9357 +.0005	.9258 -.0005	.91230 +.00015	.00015	12	.0039
1	7519262	.9375-32UN-3A W	.9144	.9375 +.0005	.9279 -.0005	.91440 +.00015	.00015	12	.0039
1	5220-749-8519	1.0000-8UNC-2A W	.9100	.9980 +.0007	.9641 -.0007	.9100 +.0002	.00025	5	.0156
1	5220-749-8520	1.0000-8UNC-3A W	.9137	1.0000 +.0007	.9678 -.0007	.9137 +.0002	.00025	5	.0156
1	5220-749-8522	1.0000-12UNF-2A W	.9382	.9982 +.0006	.9743 -.0006	.9382 +.0002	.0002	6	.0104
1	5220-749-8523	1.0000-12UNF-3A W	.9415	1.0000 +.0006	.9776 -.0006	.9415 +.0002	.0002	6	.0104
1	5220-751-6825	1.0000-16UN-2A W	.9529	.9985 +.0006	.9800 -.0006	.9529 +.0002	.00015	8	.0078
1	5220-749-8528	1.0000-16UN-3A-3 W	.9557	1.0000 +.0006	.9828 -.0006	.9557 +.0002	.00015	8	.0078

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

Table 1. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)										
MARKING ON CAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS							
FIG. NO.	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA	MAJOR DIA	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
				FULL PORTION	TRUNCATED PORTION					
A	B	C	D	E	F	G				
1	5220-749-8529	1.0000-20UNEF-2A W	.9616	.9986 +.0005	.9833 -.0005	.96160 +.00015	.00015	8	.0062	
1	5220-749-8530	1.0000-20UNEF-3A-3 W	.9641	1.0000 +.0005	.9858 -.0005	.96410 +.00015	.00015	8	.0062	
1	7519263	1.0000-28UN-2A W	.9716	.9984 +.0005	.9871 -.0005	.97160 +.00015	.00015	8	.0045	
1	7519264	1.0000-28UN-3A W	.9738	1.0000 +.0005	.9893 -.0005	.97380 +.00015	.00015	8	.0045	
1	7519265	1.0000-32UN-2A W	.9748	.9982 +.0005	.9883 -.0005	.97480 +.00015	.00015	12	.0039	
1	7519266	1.0000-32UN-3A W	.9769	1.0000 +.0005	.9904 -.0005	.97690 +.00015	.00015	12	.0039	
1	7519267	1.0625-8UN-2A W	.9725	1.0605 +.0007	1.0266 -.0007	.9725 +.0002	.00025	5	.0156	
1	7519268	1.0625-8UN-3A W	.9762	1.0625 +.0007	1.0303 -.0007	.9762 +.0002	.00025	5	.0156	
1	5220-749-8531	1.0625-12UN-2A W	1.0010	1.0608 +.0006	1.0371 -.0006	1.0010 +.0002	.0002	6	.0104	
1	5220-749-8532	1.0625-12UN-3A W	1.0042	1.0625 +.0006	1.0403 -.0006	1.0042 +.0002	.0002	6	.0104	
1	5220-751-6826	1.0625-16UN-2A W	1.0154	1.0610 +.0006	1.0425 -.0006	1.0154 +.0002	.00015	8	.0078	
1	5220-749-8534	1.0625-16UN-3A-3 W	1.0182	1.0625 +.0006	1.0453 -.0006	1.0182 +.0002	.00015	8	.0078	
1	5220-749-8535	1.0625-18UNEF-2A W	1.0203	1.0611 +.0005	1.0444 -.0005	1.02030 +.00015	.00015	8	.0069	
1	5220-749-8536	1.0625-18UNEF-3A-3 W	1.0228	1.0625 +.0005	1.0469 -.0005	1.02280 +.00015	.00015	8	.0069	
1	7519269	1.0625-20UN-2A W	1.0241	1.0611 +.0005	1.0458 -.0005	1.02410 +.00015	.00015	8	.0062	

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	IO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
1	7519270	1.0625-20UN-3A W	1.0266	1.0625 +.0005	1.0483 -.0005	1.02660 +.00015	.00015	8	.0062
1	7519271	1.0625-28UN-2A W	1.0341	1.0609 +.0005	1.0496 -.0005	1.03410 +.00015	.00015	8	.0045
1	7519272	1.0625-28UN-3A W	1.0363	1.0625 +.0005	1.0518 -.0005	1.03630 +.00015	.00015	8	.0045
1	5220-749-8537	1.1250-7UNC-2A W	1.0228	1.1228 +.0007	1.0847 -.0007	1.0228 +.0002	.0003	5	.0179
1	5220-749-8538	1.1250-7UNC-3A W	1.0268	1.1250 +.0007	1.0887 -.0007	1.0268 +.0002	.0003	5	.0179
1	5220-749-8540	1.1250-8UN-2A W	1.0348	1.1229 +.0007	1.0889 -.0007	1.0348 +.0002	.00025	5	.0156
1	5220-749-8541	1.1250-8UN-3A W	1.0386	1.1250 +.0007	1.0927 -.0007	1.0386 +.0002	.00025	5	.0156
1	5220-749-8543	1.1250-12UNF-2A W	1.0631	1.1232 +.0006	1.0992 -.0006	1.0631 +.0002	.0002	6	.0104
1	5220-749-8544	1.1250-12UNF-3A W	1.0664	1.1250 +.0006	1.1025 -.0006	1.0664 +.0002	.0002	6	.0104
1	5220-751-6827	1.1250-16UN-2A W	1.0779	1.1235 +.0006	1.1050 -.0006	1.0779 +.0002	.00015	8	.0078
1	5220-751-6828	1.1250-16UN-3A W	1.0807	1.1250 +.0006	1.1078 -.0006	1.0807 +.0002	.00015	8	.0078
1	5220-749-8547	1.1250-18UNEF-2A W	1.0828	1.1236 +.0005	1.1069 -.0005	1.08280 +.00015	.00015	8	.0069
1	5220-749-8548	1.1250-18UNEF-3A-3 W	1.0853	1.1250 +.0005	1.1094 -.0005	1.08530 +.00015	.00015	8	.0069
1	7519273	1.1250-20UN-2A W	1.0866	1.1236 +.0005	1.1083 -.0005	1.08660 +.00015	.00015	8	.0062
1	7519274	1.1250-20UN-3A W	1.0891	1.1250 +.0005	1.1108 -.0005	1.08910 +.00015	.00015	8	.0062

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15 JAN 1963

Table 1. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

Q 2 1 4	MARKING ON CAGE HANDLE		TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					TOL ON LEAD			HALF ANGLE TOL	ROOT CLEAR
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER		H	J	K		
A	B	C	D	E	F	G						
1	7519275	1.1250-28UN-2A W	1.0966	1.1234 +.0005	1.1121 -.0005	1.09660 +.00015		.00015	8	.0045		
1	7519276	1.1250-28UN-3A W	1.0988	1.1250 +.0005	1.1143 -.0005	1.09880 +.00015		.00015	8	.0045		
1	7519277	1.1875-8UN-2A W	1.0972	1.1854 +.0007	1.1513 -.0007	1.0972 +.0002		.00025	5	.0156		
1	7519278	1.1875-8UN-3A W	1.1011	1.1875 +.0007	1.1552 -.0007	1.1011 +.0002		.00025	5	.0156		
1	5220-749-8549	1.1875-12UN-2A W	1.1259	1.1858 +.0006	1.1620 -.0006	1.1259 +.0002		.0002	6	.0104		
1	5220-749-8550	1.1875-12UN-3A W	1.1291	1.1875 +.0006	1.1652 -.0006	1.1291 +.0002		.0002	6	.0104		
1	5220-751-6829	1.1875-16UN-2A W	1.1403	1.1860 +.0006	1.1674 -.0006	1.1403 +.0002		.00015	8	.0078		
1	5220-749-8552	1.1875-16UN-3A-3 W	1.1431	1.1875 +.0006	1.1702 -.0006	1.1431 +.0002		.00015	8	.0078		
1	5220-749-8553	1.1875-18UNEF-2A W	1.1450	1.1860 +.0005	1.1691 -.0005	1.14500 +.00015		.00015	8	.0069		
1	5220-749-8554	1.1875-18UNEF-3A-3 W	1.1478	1.1875 +.0005	1.1719 -.0005	1.14780 +.00015		.00015	8	.0069		
1	7519279	1.1875-20UN-2A W	1.1489	1.1861 +.0005	1.1706 -.0005	1.14890 +.00015		.00015	8	.0062		
1	7519280	1.1875-20UN-3A W	1.1515	1.1875 +.0005	1.1732 -.0005	1.15150 +.00015		.00015	8	.0062		
1	7519281	1.1875-28UN-2A W	1.1590	1.1858 +.0005	1.1745 -.0005	1.15900 +.00015		.00015	8	.0045		
1	7519282	1.1875-28UN-3A W	1.1612	1.1875 +.0005	1.1767 -.0005	1.16120 +.00015		.00015	8	.0045		
1	5220-749-8555	1.2500-7UNC-2A W	1.1476	1.2478 +.0007	1.2095 -.0007	1.1476 +.0002		.0003	5	.0179		

UNIFIED STANDARD THREAD

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15 JUL 1962

Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON CAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
FIG. NO.	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA	MAJOR DIA	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE FOL	ROOT CLEAR K
				FULL PORTION E	TRUNCATED PORTION F				
A	B	C	D			G	H	J	K
1	5220-749-8556	1.2500-7UNC-3A W	1.1517	1.2500 +.0007	1.2136 -.0007	1.1517 +.0002	.0003	5	.0179
1	5220-749-8558	1.2500-8UN-2A W	1.1579	1.2479 +.0007	1.2138 -.0007	1.1597 +.0002	.00025	5	.0156
1	5220-749-8559	1.2500-8UN-3A W	1.1635	1.2500 +.0007	1.2176 -.0007	1.1635 +.0002	.00025	5	.0156
1	5220-749-8561	1.2500-12UNF-2A W	1.1879	1.2482 +.0006	1.2240 -.0006	1.1879 +.0002	.0002	6	.0104
1	5220-749-8562	1.2500-12UNF-3A W	1.1913	1.2500 +.0006	1.2274 -.0006	1.1913 +.0002	.0002	6	.0104
1	5220-751-6830	1.2500-16UN-2A W	1.2028	1.2485 +.0006	1.2299 -.0006	1.2028 +.0002	.00015	8	.0078
1	5220-749-8564	1.2500-16UN-3A-3 W	1.2056	1.2500 +.0006	1.2327 -.0006	1.2056 +.0002	.00015	8	.0078
1	5220-749-8565	1.2500-18UNEF-2A W	1.2075	1.2485 +.0005	1.2316 -.0005	1.20750 +.00015	.00015	8	.0069
1	5220-749-8566	1.2500-18UNEF-3A W	1.2103	1.2500 +.0005	1.2344 -.0005	1.21030 +.00015	.00015	8	.0069
1	7519283	1.2500-20UN-2A W	1.2114	1.2486 +.0005	1.2331 -.0005	1.21140 +.00015	.00015	8	.0062
1	7519284	1.2500-20UN-3A W	1.2140	1.2500 +.0005	1.2357 -.0005	1.21400 +.00015	.00015	8	.0062
1	7519285	1.2500-28UN-2A W	1.2215	1.2483 +.0005	1.2370 -.0005	1.22150 +.00015	.00015	8	.0045
1	7519286	1.2500-28UN-3A W	1.2237	1.2500 +.0005	1.2392 -.0005	1.22370 +.00015	.00015	8	.0045
1	7519287	1.3125-8UN-2A W	1.2221	1.3104 +.0007	1.2762 -.0007	1.2221 +.0002	.00025	5	.0156
1	7519288	1.3125-8UN-3A W	1.2260	1.3125 +.0007	1.2801 -.0007	1.2260 +.0002	.00025	5	.0156

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

Q	P	MARKING ON CAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
		MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A		B	C	D	E	F	G	H	J	K
1		5220-749-8568	1.3125-12UN-2A W	1.2509	1.3108 +.0006	1.2870 -.0006	1.2509 +.0002	.0002	6	.0104
1		5220-749-8569	1.3125-12UN-3A W	1.2541	1.3125 +.0006	1.2902 -.0006	1.2541 +.0002	.0002	6	.0104
1		5220-751-6831	1.3125-16UN-2A W	1.2653	1.3110 +.0006	1.2924 -.0006	1.2653 +.0002	.00015	8	.0078
1		5220-751-6832	1.3125-16UN-3A W	1.2681	1.3125 +.0006	1.2952 -.0006	1.2681 +.0002	.00015	8	.0078
1		5220-749-8572	1.3125-18UNEF-2A W	1.2700	1.3110 +.0005	1.2941 -.0005	1.2700 +.00015	.00015	8	.0069
1		5220-749-8573	1.3125-18UNEF-3A W	1.2728	1.3125 +.0005	1.2969 -.0005	1.2728 +.00015	.00015	8	.0069
1		7519289	1.3125-20UN-2A W	1.2739	1.3111 +.0005	1.2956 -.0005	1.2739 +.00015	.00015	8	.0062
1		7519290	1.3125-20UN-3A W	1.2765	1.3125 +.0005	1.2982 -.0005	1.2765 +.00015	.00015	8	.0062
1		7519291	1.3125-28UN-2A W	1.2840	1.3108 +.0005	1.2995 -.0005	1.2840 +.00015	.00015	8	.0045
1		7519292	1.3125-28UN-3A W	1.2862	1.3125 +.0005	1.3017 -.0005	1.2862 +.00015	.00015	8	.0045
1		5220-749-8575	1.3750-6UNC-2A W	1.2563	1.3726 +.0008	1.3285 -.0008	1.2563 +.0002	.0003	5	.0208
1		5220-749-8576	1.3750-6UNC-3A W	1.2607	1.3750 +.0008	1.3329 -.0008	1.2607 +.0002	.0003	5	.0208
1		5220-749-8578	1.3750-8UN-2A W	1.2844	1.3728 +.0007	1.3385 -.0007	1.2844 +.0002	.00025	5	.0156
1		5220-749-8579	1.3750-8UN-3A W	1.2884	1.3750 +.0007	1.3425 -.0007	1.2884 +.0002	.00025	5	.0158
1		5220-749-8581	1.3750-12UNEF-2A W	1.3127	1.3731 +.0006	1.3488 -.0006	1.3127 +.0002	.0002	6	.0104

Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

NO.	MARKING ON CAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
1	5220-749-8582	1.3750-12UNF-3A W	1.3162	1.3750 +.0006	1.3523 -.0006	1.3162 +.0002	.0002	6	.0104
1	5220-751-6833	1.3750-16UN-2A W	1.3278	1.3735 +.0006	1.3549 -.0006	1.3278 +.0002	.00015	8	.0078
1	5220-751-6834	1.3750-16UN-3A W	1.3306	1.3750 +.0006	1.3577 -.0006	1.3306 +.0002	.00015	8	.0078
1	5220-749-8585	1.3750-18UNEF-2A W	1.3325	1.3735 +.0005	1.3566 -.0005	1.33250 +.00015	.00015	8	.0069
1	5220-749-8586	1.3750-18UNEF-3A W	1.3353	1.3750 +.0005	1.3594 -.0005	1.33530 +.00015	.00015	8	.0069
1	7519293	1.3750-20UN-2A W	1.3364	1.3736 +.0005	1.3581 -.0005	1.33640 +.00015	.00015	8	.0062
1	7519294	1.3750-20UN-3A W	1.3390	1.3750 +.0005	1.3607 -.0005	1.33900 +.00015	.00015	8	.0062
1	7519295	1.3750-28UN-2A W	1.3465	1.3733 +.0005	1.3620 -.0005	1.34650 +.00015	.00015	8	.0045
1	7519296	1.3750-28UN-3A W	1.3487	1.3750 +.0005	1.3642 -.0005	1.34870 +.00015	.00015	8	.0045
1	7519297	1.4375-6UN-2A W	1.3188	1.4351 +.0008	1.3910 -.0008	1.3188 +.0002	.0003	5	.0208
1	7519298	1.4375-6UN-3A W	1.3232	1.4375 +.0008	1.3954 -.0008	1.3232 +.0002	.0003	5	.0208
1	7519299	1.4375-8UN-2A W	1.3469	1.4353 +.0007	1.4010 -.0007	1.3469 +.0002	.00025	5	.0156
1	7519300	1.4375-8UN-3A W	1.3509	1.4375 +.0007	1.4050 -.0007	1.3509 +.0002	.00025	5	.0156
1	5220-749-8588	1.4375-12UN-2A W	1.3757	1.4357 +.0006	1.4118 -.0006	1.3757 +.0002	.0002	6	.0104
1	5220-749-8589	1.4375-12UN-3A W	1.3790	1.4375 +.0006	1.4151 -.0006	1.3790 +.0002	.0002	6	.0104

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
FIG. NO.	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
				E	F				
A		C	D						
1	5220-751-6835	1.4375-16UN-2A W	1.3901	1.4359 +.0006	1.4172 -.0006	1.3901 +.0002	.00015	8	.0078
1	5220-751-6836	1.4375-16UN-3A W	1.3930	1.4375 +.0006	1.4201 -.0006	1.3930 +.0002	.00015	8	.0078
1	5220-749-8592	1.4375-18UNEF-2A W	1.3949	1.4360 +.0005	1.4190 -.0005	1.39490 +.00015	.00015	8	.0069
1	5220-749-8593	1.4375-18UNEF-3A W	1.3977	1.4375 +.0005	1.4218 -.0005	1.39770 +.00015	.00015	8	.0069
1	7519301	1.4375-20UN-2A W	1.3988	1.4361 +.0005	1.4205 -.0005	1.39880 +.00015	.00015	8	.0062
1	7519302	1.4375-20UN-3A W	1.4014	1.4375 +.0005	1.4231 -.0005	1.40140 +.00015	.00015	8	.0062
1	7519303	1.4375-28UN-2A W	1.4088	1.4356 +.0005	1.4243 -.0005	1.40880 +.00015	.00015	8	.0045
1	7519304	1.4375-28UN-3A W	1.4112	1.4375 +.0005	1.4267 -.0005	1.41120 +.00015	.00015	8	.0045
1	5220-749-8595	1.5000-6UNC-2A W	1.3812	1.4976 +.0008	1.4534 -.0008	1.3812 +.0002	.0003	5	.0208
1	5220-749-8596	1.5000-6UNC-3A W	1.3856	1.5000 +.0008	1.4578 -.0008	1.3856 +.0002	.0003	5	.0208
1	5220-749-8598	1.5000-8UN-2A W	1.4093	1.4978 +.0007	1.4634 -.0007	1.4093 +.0002	.00025	5	.0156
1	5220-749-8599	1.5000-8UN-3A W	1.4133	1.5000 +.0007	1.4674 -.0007	1.4133 +.0002	.00025	5	.0156
1	5220-749-8601	1.5000-12UNF-2A W	1.4376	1.4981 +.0006	1.4737 -.0006	1.4376 +.0002	.0002	6	.0104
1	5220-749-8602	1.5000-12UNF-3A W	1.4411	1.5000 +.0006	1.4772 -.0006	1.4411 +.0002	.0002	6	.0104
1	5220-751-6837	1.5000-16UN-2A W	1.4526	1.4984 +.0006	1.4797 -.0006	1.4526 +.0002	.00015	8	.0078

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS										
MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS							
FIG. NO.	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K	
1	5220-751-6838	1.5000-16UN-3A W	1.4555	1.5000 +.0006	1.4826 -.0006	1.4555 +.0002	.00015	8	.0078	
1	5220-749-8605	1.5000-18UNEF-2A W	1.4574	1.4985 +.0005	1.4815 -.0005	1.45740 +.00015	.00015	8	.0069	
1	5220-749-8606	1.5000-18UNEF-3A W	1.4602	1.5000 +.0005	1.4843 -.0005	1.46020 +.00015	.00015	8	.0069	
1	7519305	1.5000-20UN-2A W	1.4613	1.4986 +.0005	1.4830 -.0005	1.46130 +.00015	.00015	8	.0062	
1	7519306	1.5000-20UN-3A W	1.4639	1.5000 +.0005	1.4856 -.0005	1.46390 +.00015	.00015	8	.0062	
1	7519307	1.5000-28UN-2A W	1.4713	1.4981 +.0005	1.4868 -.0005	1.47130 +.00015	.00015	8	.0045	
1	7519308	1.5000-28UN-3A W	1.4737	1.5000 +.0005	1.4892 -.0005	1.47370 +.00015	.00015	8	.0045	
2	519309	1.5625-6UN-2A W	1.4436	1.5601 +.0008	1.5158 -.0008	1.44360 +.00025	.0003	5	.0208	
2	7519310	1.5625-6UN-3A W	1.4481	1.5625 +.0008	1.5203 -.0008	1.44810 +.00025	.0003	5	.0208	
2	7519311	1.5625-8UN-2A W	1.4717	1.5603 +.0007	1.5258 -.0007	1.47170 +.00025	.00025	5	.0156	
2	7519312	1.5625-8UN-3A W	1.4758	1.5625 +.0007	1.5299 -.0007	1.47580 +.00025	.00025	5	.0156	
2	7519313	1.5625-12UN-2A W	1.5007	1.5607 +.0006	1.5368 -.0006	1.50070 +.00025	.0002	6	.0104	
2	7519314	1.5625-12UN-3A W	1.5040	1.5625 +.0006	1.5401 -.0006	1.50400 +.00025	.0002	6	.0104	
2	5220-751-6839	1.5625-16UN-2A W	1.5151	1.5609 +.0006	1.5422 -.0006	1.51510 +.00025	.00015	8	.0078	
2	5220-751-6840	1.5625-16UN-3A W	1.5180	1.5625 +.0006	1.5451 -.0006	1.51800 +.00015	.00015	8	.0078	

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

Q	Q	MARKING ON CAGE HANDLE		TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					TOL. ON LEAD			HALF ANGLE TOL.		ROOT CLEAR
		MIL-STD PART NUMBER	THREAD DESIGNATION	PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER		H	J	K			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
2	5220-749-8609	1.5625-18UNEF-2A W	1.5199	1.5610 +.0005	1.5440 -.0005	1.5199 +.0002	.00015	8	.0069					
2	5220-749-8610	1.5625-18UNEF-3A W	1.5227	1.5625 +.0005	1.5468 -.0005	1.5227 +.0002	.00015	8	.0069					
2	7519315	1.5625-20UN-2A W	1.5238	1.5611 +.0005	1.5455 -.0005	1.5238 +.0002	.00015	8	.0062					
2	7519316	1.5625-20UN-3A W	1.5264	1.5625 +.0005	1.5481 -.0005	1.5264 +.0002	.00015	8	.0062					
2	7519317	1.6250-6UN-2A W	1.5060	1.6225 +.0008	1.5782 -.0008	1.5060 +.00025	.0003	5	.0208					
2	7519318	1.6250-6UN-3A W	1.5105	1.6250 +.0008	1.5827 -.0008	1.51050 +.00025	.0003	5	.0208					
2	5220-749-8612	1.6250-8UN-2A W	1.5342	1.6228 +.0007	1.5883 -.0007	1.53420 +.00025	.00025	5	.0156					
2	5220-749-8613	1.6250-8UN-3A W	1.5382	1.6250 +.0007	1.5923 -.0007	1.53820 +.00025	.00025	5	.0156					
2	5220-749-8615	1.6250-12UN-2A W	1.5632	1.6232 +.0006	1.5993 -.0006	1.56320 +.00025	.0002	6	.0104					
2	5220-749-8616	1.6250-12UN-3A W	1.5665	1.6250 +.0006	1.6026 -.0006	1.56650 +.00025	.0002	6	.0104					
2	5220-751-6841	1.6250-16UN-2A W	1.5776	1.6234 +.0006	1.6047 -.0006	1.57760 +.00025	.00015	8	.0078					
2	5220-751-6842	1.6250-16UN-3A W	1.5805	1.6250 +.0006	1.6076 -.0006	1.58050 +.00025	.00015	8	.0078					
2	5220-749-8619	1.6250-18UNEF-2A W	1.5824	1.6235 +.0005	1.6065 -.0005	1.5824 +.0002	.00015	8	.0069					
2	5220-749-8620	1.6250-18UNEF-3A W	1.5852	1.6250 +.0005	1.6093 -.0005	1.5852 +.0002	.00015	8	.0069					
2	7519319	1.6250-20UN-2A W	1.5863	1.6236 +.0005	1.6080 -.0005	1.5863 +.0002	.00015	8	.0062					

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

FIG. NO.	MARKING ON CAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
2	7519320	1.6250-20UN-3A W	1.5889	1.6250 +.0005	1.6106 -.0005	1.5889 +.0002	.00015	8	.0062
2	7519321	1.6875-6UN-2A W	1.5684	1.6850 +.0008	1.6406 -.0008	1.56840 +.00025	.0003	5	.0208
2	7519322	1.6875-6UN-3A W	1.5730	1.6875 +.0008	1.6452 -.0008	1.57300 +.00025	.0003	5	.0208
2	7519323	1.6875-8UN-2A W	1.5966	1.6853 +.0007	1.6507 -.0007	1.59660 +.00025	.00025	5	.0156
2	7519324	1.6875-8UN-3A W	1.6007	1.6875 +.0007	1.6548 -.0007	1.60070 +.00025	.00025	5	.0156
2	7519325	1.6875-12UN-2A W	1.6256	1.6857 +.0006	1.6617 -.0006	1.62560 +.00025	.0002	6	.0104
2	7519326	1.6875-12UN-3A W	1.6289	1.6875 +.0006	1.6650 -.0006	1.62890 +.00025	.0002	6	.0104
2	5220-751-6843	1.6875-16UN-2A W	1.6400	1.6859 +.0006	1.6671 -.0006	1.64000 +.00025	.00015	8	.0078
2	5220-751-6844	1.6875-16UN-3A W	1.6429	1.6875 +.0006	1.6700 -.0006	1.64290 +.00025	.00015	8	.0078
2	5220-749-8623	1.6875-18UNEF-2A W	1.6448	1.6860 +.0005	1.6689 -.0005	1.6448 +.0002	.00015	8	.0069
2	5220-749-8624	1.6875-18UNEF-3A W	1.6476	1.6875 +.0005	1.6717 -.0005	1.6476 +.0002	.00015	8	.0069
2	7519327	1.6875-20UN-2A W	1.6487	1.6860 +.0005	1.6704 -.0005	1.6487 +.0002	.00015	8	.0062
2	7519328	1.6875-20UN-3A W	1.6514	1.6875 +.0005	1.6731 -.0005	1.6514 +.0002	.00015	8	.0062
2	5220-749-8626	1.7500-5UNC-2A W	1.6085	1.7473 +.0008	1.6951 -.0008	1.60850 +.00025	.0003	4	.0250
2	5220-749-8627	1.7500-5UNC-3A W	1.6134	1.7500 +.0008	1.7000 -.0008	1.61340 +.00025	.0003	4	.0250

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
FIG. NO.	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
2	7519329	1.7500-6UN-2A W	1.6309	1.7475 +.0008	1.7031 -.0008	1.63090 +.00025	.0003	5	.0208
2	7519330	1.7500-6UN-3A W	1.6354	1.7500 +.0008	1.7076 -.0008	1.63540 +.00025	.0003	5	.0208
2	5220-749-8629	1.7500-8UN-2A W	1.6590	1.7477 +.0007	1.7131 -.0007	1.65900 +.00025	.00025	5	.0156
2	5220-749-8630	1.7500-8UN-3A W	1.6632	1.7500 +.0007	1.7173 -.0007	1.66320 +.00025	.00025	5	.0156
2	5220-749-8632	1.7500-12UN-2A W	1.6881	1.7482 +.0006	1.7242 -.0006	1.68810 +.00025	.0002	6	.0104
2	5220-749-8633	1.7500-12UN-3A W	1.6914	1.7500 +.0006	1.7275 -.0006	1.69140 +.00025	.0002	6	.0104
2	5220-749-8635	1.7500-16UN-2A W	1.7025	1.7484 +.0006	1.7296 -.0006	1.70250 +.00025	.00015	8	.0078
2	5220-749-8636	1.7500-16UN-3A W	1.7054	1.7500 +.0006	1.7325 -.0006	1.70540 +.00025	.00015	8	.0078
2	7519331	1.7500-20UN-2A W	1.7112	1.7485 +.0005	1.7329 -.0005	1.7112 +.0002	.00015	8	.0062
2	7519332	1.7500-20UN-3A W	1.7139	1.7500 +.0005	1.7356 -.0005	1.7139 +.0002	.00015	8	.0062
2	7519333	1.8125-6UN-2A W	1.6933	1.8100 +.0008	1.7655 -.0008	1.69330 +.00025	.0003	5	.0208
2	7519334	1.8125-6UN-3A W	1.6979	1.8125 +.0008	1.7701 -.0008	1.69790 +.00025	.0003	5	.0208
2	7519335	1.8125-8UN-2A W	1.7214	1.8102 +.0007	1.7755 -.0007	1.72140 +.00025	.00025	5	.0156
2	7519336	1.8125-8UN-3A W	1.7256	1.8125 +.0007	1.7797 -.0007	1.72560 +.00025	.00025	5	.0156
2	7519337	1.8125-12UN-2A W	1.7506	1.8107 +.0006	1.7867 -.0006	1.75060 +.00025	.0002	6	.0104

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

Q	MARKING ON GAGE HANDLE		TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						K
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	
2	7519338	1.8125-12UN-3A W	1.7539	1.8125 + .0006	1.7900 -.0006	1.75390 + .00025	.0002	6	.0104
2	5220-749-8638	1.8125-16UN-2A W	1.7650	1.8109 + .0006	1.7921 -.0006	1.76500 + .00025	.00015	8	.0078
2	5220-749-8639	1.8125-16UN-3A W	1.7679	1.8125 + .0006	1.7950 -.0006	1.76790 + .00025	.00015	8	.0078
2	7519339	1.8125-20UN-2A W	1.7737	1.8110 + .0005	1.7954 -.0005	1.7737 + .0002	.00015	8	.0062
2	7519340	1.8125-20UN-3A W	1.7764	1.8125 + .0005	1.7981 -.0005	1.7764 + .0002	.00015	8	.0062
2	7519341	1.8750-6UN-2A W	1.7558	1.8725 + .0008	1.8280 -.0008	1.75580 + .00025	.0003	5	.0208
2	7519342	1.8750-6UN-3A W	1.7604	1.8750 + .0008	1.8326 -.0008	1.76040 + .00025	.0003	5	.0208
2	5220-749-8641	1.8750-8UN-2A W	1.7838	1.8727 + .0007	1.8379 -.0007	1.78380 + .00025	.00025	5	.0156
2	5220-749-8642	1.8750-8UN-3A W	1.7881	1.8750 + .0007	1.8422 -.0007	1.78810 + .00025	.00025	5	.0156
2	5220-749-8644	1.8750-12UN-2A W	1.8131	1.8732 + .0006	1.8492 -.0006	1.81310 + .00025	.0002	6	.0104
2	5220-749-8645	1.8750-12UN-3A W	1.8164	1.8750 + .0006	1.8525 -.0006	1.81640 + .00025	.0002	6	.0104
2	5220-749-8647	1.8750-16UN-2A W	1.8275	1.8734 + .0006	1.8546 -.0006	1.82750 + .00025	.00015	8	.0078
2	5220-749-8648	1.8750-16UN-3A W	1.8304	1.8750 + .0006	1.8575 -.0006	1.83040 + .00025	.00015	8	.0078
2	7519343	1.8750-20UN-2A W	1.8362	1.8735 + .0005	1.8579 -.0005	1.8362 + .0002	.00015	8	.0062
2	7519344	1.8750-20UN-3A W	1.8389	1.8750 + .0005	1.8606 -.0005	1.8389 + .0002	.00015	8	.0062

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON CAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
2	7519345	1.9375-6UN-2A W	1.8181	1.9349 +.0008	1.8903 -.0008	1.81810 +.00025	.0003	5	.0208
2	7519346	1.9375-6UN-3A W	1.8228	1.9375 +.0008	1.8950 -.0008	1.82280 +.00025	.0003	5	.0208
2	7519347	1.9375-8UN-2A W	1.8463	1.9352 +.0007	1.9004 -.0007	1.84630 +.00025	.00025	5	.0156
2	7519348	1.9375-8UN-3A W	1.8505	1.9375 +.0007	1.9046 -.0007	1.85050 +.00025	.00025	5	.0156
2	7519349	1.9375-12UN-2A W	1.8755	1.9357 +.0006	1.9116 -.0006	1.87550 +.00025	.0002	6	.0104
2	7519350	1.9375-12UN-3A W	1.8789	1.9375 +.0006	1.9150 -.0006	1.87890 +.00025	.0002	6	.0104
2	5220-749-8650	1.9375-16UN-2A W	1.8899	1.9359 +.0006	1.9170 -.0006	1.88990 +.00025	.00015	8	.0078
2	5220-749-8651	1.9375-16UN-3A W	1.8929	1.9375 +.0006	1.9200 -.0006	1.89290 +.00025	.00015	8	.0078
2	7519351	1.9375-20UN-2A W	1.8986	1.9360 +.0005	1.9203 -.0005	1.8986 +.0002	.00015	8	.0062
2	7519352	1.9375-20UN-3A W	1.9013	1.9375 +.0005	1.9230 -.0005	1.9013 +.0002	.00015	8	.0062
2	5220-749-8653	2.0000-4-1/2UNC-2A W	1.8433	1.9971 +.0008	1.9395 -.0008	1.84330 +.00025	.0003	4	.0278
2	5220-749-8654	2.0000-4-1/2UNC-3A W	1.8486	2.0000 +.0008	1.9448 -.0008	1.84860 +.00025	.0003	4	.0278
2	7519353	2.0000-6UN-2A W	1.8805	1.9974 +.0008	1.9527 -.0008	1.88050 +.00025	.0003	5	.0208
2	7519354	2.0000-6UN-3A W	1.8853	2.0000 +.0008	1.9575 -.0008	1.88530 +.00025	.0003	5	.0208
2	5220-749-8656	2.0000-8UN-2A W	1.9087	1.9977 +.0007	1.9628 -.0007	1.90870 +.00025	.00025	5	.0156

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON CAGE HANDLE				TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
2	5220-749-8657	2.0000-8UN-3A W	1.9130	2.0000 +.0007	1.9671 -.0007	1.91300 +.00025	.00025	5	.0156
2	5220-749-8659	2.0000-12UN-2A W	1.9380	1.9982 +.0006	1.9741 -.0006	1.93800 +.00025	.0002	6	.0104
2	5220-749-8660	2.0000-12UN-3A W	1.9414	2.0000 +.0006	1.9775 -.0006	1.94140 +.00025	.0002	6	.0104
2	5220-749-8662	2.0000-16UN-2A W	1.9524	1.9984 +.0006	1.9795 -.0006	1.95240 +.00025	.00015	8	.0078
2	5220-749-8663	2.0000-16UN-3A W	1.9554	2.0000 +.0006	1.9825 -.0006	1.95540 +.00025	.00015	8	.0078
2	7519355	2.0000-20UN-2A W	1.9611	1.9985 +.0005	1.9828 -.0005	1.9611 +.0002	.00015	8	.0062
2	7519356	2.0000-20UN-3A W	1.9638	2.0000 +.0005	1.9855 -.0005	1.9638 +.0002	.00015	8	.0062
2	7519357	2.1250-6UN-2A W	2.0054	2.1224 +.0008	2.0776 -.0008	2.00540 +.00025	.0003	5	.0208
2	7519358	2.1250-6UN-3A W	2.0102	2.1250 +.0008	2.0824 -.0008	2.01020 +.00025	.0003	5	.0208
2	5220-749-8668	2.1250-8UN-2A W	2.0335	2.1226 +.0007	2.0876 -.0007	2.03350 +.00025	.00025	5	.0156
2	5220-749-8669	2.1250-8UN-3A W	2.0379	2.1250 +.0007	2.0920 -.0007	2.03790 +.00025	.00025	5	.0156
2	5220-749-8671	2.1250-12UN-2A W	2.0630	2.1232 +.0006	2.0991 -.0006	2.06300 +.00025	.0002	6	.0104
2	5220-749-8672	2.1250-12UN-3A W	2.0664	2.1250 +.0006	2.1025 -.0006	2.06640 +.00025	.0002	6	.0104
2	5220-749-8674	2.1250-16UN-2A W	2.0774	2.1234 +.0006	2.1045 -.0006	2.07740 +.00025	.00015	8	.0078
2	5220-749-8675	2.1250-16UN-3A W	2.0804	2.1250 +.0006	2.1075 -.0006	2.08040 +.00025	.00015	8	.0078

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	1.0 PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
2	7519359	2.1250-20UN-2A W	2.0861	2.1235 +.0005	2.1078 -.0005	2.0861 +.0002	.00015	8	.0062
2	7519360	2.1250-20UN-3A W	2.0888	2.1250 +.0005	2.1105 -.0005	2.0888 +.0002	.00015	8	.0062
2	5220-749-8680	2.2500-4-1/2UNC-2A W	2.0931	2.2471 +.0008	2.1893 -.0008	2.09310 +.00025	.0003	4	.0278
2	5220-749-8681	2.2500-4-1/2UNC-3A W	2.0984	2.2500 +.0008	2.1946 -.0008	2.09840 +.00025	.0003	4	.0278
2	7519361	2.2500-6UN-2A W	2.1303	2.2474 +.0008	2.2025 -.0008	2.13030 +.00025	.0003	5	.0208
2	7519362	2.2500-6UN-3A W	2.1351	2.2500 +.0008	2.2073 -.0008	2.13510 +.00025	.0003	5	.0208
2	5220-749-8683	2.2500-8UN-2A W	2.1584	2.2476 +.0007	2.2125 -.0007	2.15840 +.00025	.00025	5	.0156
2	5220-749-8684	2.2500-8UN-3A W	2.1628	2.2500 +.0007	2.2169 -.0007	2.16280 +.00025	.00025	5	.0156
2	5220-749-8686	2.2500-12UN-2A W	2.1880	2.2482 +.0006	2.2241 -.0006	2.18800 +.00025	.0002	6	.0104
2	5220-749-8687	2.2500-12UN-3A W	2.1914	2.2500 +.0006	2.2275 -.0006	2.19140 +.00025	.0002	6	.0104
2	5220-749-8689	2.2500-16UN-2A W	2.2024	2.2484 +.0006	2.2295 -.0006	2.20240 +.00025	.00015	8	.0078
2	5220-749-8690	2.2500-16UN-3A W	2.2054	2.2500 +.0006	2.2325 -.0006	2.20540 +.00025	.00015	8	.0078
2	7519363	2.2500-20UN-2A W	2.2111	2.2485 +.0005	2.2328 -.0005	2.2111 +.0002	.00015	8	.0062
2	7519364	2.2500-20UN-3A W	2.2137	2.2500 +.0005	2.2354 -.0005	2.2137 +.0002	.00015	8	.0062
2	7519365	2.3750-6UN-2A W	2.2551	2.3723 +.0008	2.3273 -.0008	2.25510 +.00025	.0003	5	.0208

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON CAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
2	7519366	2.3750-6UN-3A W	2.2601	2.3750 +.0008	2.3323 -.0008	2.26010 +.00025	.0003	5	.0208
2	7519367	2.3750-8UN-2A W	2.2833	2.3726 +.0007	2.3374 -.0007	2.28330 +.00025	.00025	5	.0156
2	7519368	2.3750-8UN-3A W	2.2878	2.3750 +.0007	2.3419 -.0007	2.28780 +.00025	.00025	5	.0156
2	5220-749-8695	2.3750-12UN-2A W	2.3128	2.3731 +.0006	2.3489 -.0006	2.31280 +.00025	.0002	6	.0104
2	5220-749-8696	2.3750-12UN-3A W	2.3163	2.3750 +.0006	2.3524 -.0006	2.31630 +.00025	.0002	6	.0104
2	5220-749-8698	2.3750-16UN-2A W	2.3272	2.3733 +.0006	2.3543 -.0006	2.32720 +.00025	.00015	8	.0078
2	5220-749-8699	2.3750-16UN-3A W	2.3303	2.3750 +.0006	2.3574 -.0006	2.33030 +.00025	.00015	8	.0078
2	7519369	2.3750-20UN-2A W	2.3359	2.3734 +.0005	2.3576 -.0005	2.3359 +.0002	.00015	8	.0062
2	7519370	2.3750-20UN-3A W	2.3387	2.3750 +.0005	2.3604 -.0005	2.3387 +.0002	.00015	8	.0062
2	5220-749-8704	2.5000-4UNC-2A W	2.3241	2.4969 +.0009	2.4324 -.0009	2.32410 +.00025	.0003	4	.0312
2	5220-749-8705	2.5000-4UNC-3A W	2.3298	2.5000 +.0009	2.4381 -.0009	2.32980 +.00025	.0003	4	.0312
2	7519371	2.5000-6UN-2A W	2.3800	2.4973 +.0008	2.4522 -.0008	2.38000 +.00025	.0003	5	.0208
2	7519372	2.5000-6UN-3A W	2.3850	2.5000 +.0008	2.4572 -.0008	2.38500 +.00025	.0003	5	.0208
2	5220-749-8707	2.5000-8UN-2A W	2.4082	2.4976 +.0007	2.4623 -.0007	2.40820 +.00025	.00025	5	.0156
2	5220-749-8708	2.5000-8UN-3A W	2.4127	2.5000 +.0007	2.4668 -.0007	2.41270 +.00025	.00025	5	.0156

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

NO	MARKING ON CAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						HALF ANGLE TOL	FOOT CLEAR K
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	H	J		
A	B	C	D	E	F	G	H	I	J	K	
2	5220-749-8710	2.5000-12UN-2A W	2.4378	2.4981 +.0006	2.4739 -.0006	2.43780 +.00025	.0002		6	.0104	
2	5220-749-8711	2.5000-12UN-3A W	2.4413	2.5000 +.0006	2.4774 -.0006	2.44130 +.00025	.0002		6	.0104	
2	5220-749-8713	2.5000-16UN-2A W	2.4522	2.4983 +.0006	2.4793 -.0006	2.45220 +.00025	.00015		8	.0078	
2	5220-749-8714	2.5000-16UN-3A W	2.4553	2.5000 +.0006	2.4824 -.0006	2.45530 +.00025	.00015		8	.0078	
2	7519373	2.5000-20UN-2A W	2.4609	2.4984 +.0005	2.4826 -.0005	2.4609 +.0002	.00015		8	.0062	
2	7519374	2.5000-20UN-3A W	2.4637	2.5000 +.0005	2.4854 -.0005	2.4637 +.0002	.00015		8	.0062	
2	7519375	2.6250-6UN-2A W	2.5050	2.6223 +.0008	2.5772 -.0008	2.50500 +.00025	.0003		5	.0208	
2	7519376	2.6250-6UN-3A W	2.5099	2.6250 +.0008	2.5821 -.0008	2.50990 +.00025	.0003		5	.0208	
2	7519377	2.6250-8UN-2A W	2.5331	2.6225 +.0007	2.5872 -.0007	2.53310 +.00025	.00025		5	.0156	
2	7519378	2.6250-8UN-3A W	2.5376	2.6250 +.0007	2.5917 -.0007	2.53760 +.00025	.00025		5	.0156	
2	5220-749-8716	2.6250-12UN-2A W	2.5628	2.6231 +.0006	2.5989 -.0006	2.56280 +.00025	.0002		6	.0104	
2	5220-749-8717	2.6250-12UN-3A W	2.5663	2.6250 +.0006	2.6024 -.0006	2.56630 +.00025	.0002		6	.0104	
2	5220-749-8719	2.6250-16UN-2A W	2.5772	2.6233 +.0006	2.6043 -.0006	2.57720 +.00025	.00015		8	.0078	
2	5220-749-8720	2.6250-16UN-3A W	2.5803	2.6250 +.0006	2.6074 -.0006	2.58030 +.00025	.00015		8	.0078	
2	7519379	2.6250-20UN-2A W	2.5859	2.6234 +.0005	2.6076 -.0005	2.5859 +.0002	.00015		8	.0062	

Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

QTY	MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	PORT CLEAR
A	B	C	D	E	F	G	H	J	K
2	7519380	2.6250-20UN-3A W	2.5887	2.6250 +.0005	2.6104 -.0005	2.5887 +.0002	.00015	8	.0062
2	5220-749-8722	2.7500-4UNC-2A W	2.5739	2.7468 +.0009	2.6822 -.0009	2.57390 +.00025	.0003	4	.0312
2	5220-749-8723	2.7500-4UNC-3A W	2.5797	2.7500 +.0009	2.6880 -.0009	2.57970 +.00025	.0003	4	.0312
2	7519381	2.7500-6UN-2A W	2.6299	2.7473 +.0008	2.7021 -.0008	2.62990 +.00025	.0003	5	.0208
2	7519382	2.7500-6UN-3A W	2.6349	2.7500 +.0008	2.7071 -.0008	2.63490 +.00025	.0003	5	.0208
2	5220-749-8725	2.7500-8UN-2A W	2.6580	2.7475 +.0007	2.7121 -.0007	2.65800 +.00025	.00025	5	.0156
2	5220-749-8726	2.7500-8UN-3A W	2.6626	2.7500 +.0007	2.7167 -.0007	2.66260 +.00025	.00025	5	.0156
2	5220-749-8728	2.7500-12UN-2A W	2.6878	2.7481 +.0006	2.7239 -.0006	2.68780 +.00025	.0002	6	.0104
2	5220-749-8729	2.7500-12UN-3A W	2.6913	2.7500 +.0006	2.7274 -.0006	2.69130 +.00025	.0002	6	.0104
2	5220-749-8731	2.7500-16UN-2A W	2.7022	2.7483 +.0006	2.7293 -.0006	2.70220 +.00025	.00015	8	.0078
2	5220-749-8732	2.7500-16UN-3A W	2.7053	2.7500 +.0006	2.7324 -.0006	2.70530 +.00025	.00015	8	.0078
2	7519383	2.7500-20UN-2A W	2.7109	2.7484 +.0005	2.7326 -.0005	2.7109 +.0002	.00015	8	.0062
2	7519384	2.7500-20UN-3A W	2.7137	2.7500 +.0005	2.7354 -.0005	2.7137 +.0002	.00015	8	.0062
2	7519385	2.8750-6UN-2A W	2.7547	2.8722 +.0008	2.8269 -.0008	2.75470 +.00025	.0003	5	.0208
2	7519386	2.8750-6UN-3A W	2.7598	2.8750 +.0008	2.8320 -.0008	2.75980 +.00025	.0003	5	.0208

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON CAGE HANDLE				TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
FIG. NO.	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA						
				MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
2	7519387	2.8750-8UN-2A W	2.7829	2.8725 + .0007	2.8370 - .0007	2.78290 + .00025	.00025	5	.0156
2	7519388	2.8750-8UN-3A W	2.7875	2.8750 + .0007	2.8416 - .0007	2.78750 + .00025	.00025	5	.0156
2	5220-749-8734	2.8750-12UN-2A W	2.8127	2.8731 + .0006	2.8488 - .0006	2.81270 + .00025	.0002	6	.0104
2	5220-749-8735	2.8750-12UN-3A W	2.8162	2.8750 + .0006	2.8523 - .0006	2.81620 + .00025	.0002	6	.0104
2	5220-749-8737	2.8750-16UN-2A W	2.8271	2.8733 + .0006	2.8542 - .0006	2.82710 + .00025	.00015	8	.0078
2	5220-749-8738	2.8750-16UN-3A W	2.8302	2.8750 + .0006	2.8573 - .0006	2.83020 + .00025	.00015	8	.0078
2	7519389	2.8750-20UN-2A W	2.8357	2.8732 + .0005	2.8574 - .0005	2.8357 + .0002	.00015	8	.0062
2	7519390	2.8750-20UN-3A W	2.8386	2.8750 + .0005	2.8603 - .0005	2.8386 + .0002	.00015	8	.0062
2	5220-749-8740	3.0000-4UNC-2A W	2.8237	2.9968 + .0009	2.9320 - .0009	2.82370 + .00025	.0003	4	.0312
2	5220-749-8741	3.0000-4UNC-3A W	2.8296	3.0000 + .0009	2.9379 - .0009	2.82960 + .00025	.0003	4	.0312
2	7519391	3.0000-6UN-2A W	2.8796	2.9972 + .0008	2.9518 - .0008	2.87960 + .00025	.0003	5	.0208
2	7519392	3.0000-6UN-3A W	2.8847	3.0000 + .0008	2.9569 - .0008	2.88470 + .00025	.0003	5	.0208
2	5220-749-8743	3.0000-8UN-2A W	2.9077	2.9974 + .0007	2.9618 - .0007	2.90770 + .00025	.00025	5	.0156
2	5220-749-8744	3.0000-8UN-3A W	2.9124	3.0000 + .0007	2.9665 - .0007	2.91240 + .00025	.00025	5	.0156
2	5220-749-8746	3.0000-12UN-2A W	2.9377	2.9981 + .0006	2.9738 - .0006	2.93770 + .00025	.0002	6	.0104

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

Q	Q	MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
		MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K	
2	5220-749-8747	3.0000-12UN-3A W	2.9412	3.0000 +.0006	2.9773 -.0006	2.94120 +.00025	.0002	6	.0104	
2	5220-749-8749	3.0000-16UN-2A W	2.9521	2.9983 +.0006	2.9792 -.0006	2.95210 +.00025	.00015	8	.0078	
2	5220-749-8750	3.0000-16UN-3A W	2.9552	3.0000 +.0006	2.9823 -.0006	2.95520 +.00025	.00015	8	.0078	
2	7519393	3.0000-20UN-2A W	2.9607	2.9982 +.0005	2.9824 -.0005	2.9607 +.0002	.00015	8	.0062	
2	7519394	3.0000-20UN-3A W	2.9636	3.0000 +.0005	2.9853 -.0005	2.9636 +.0002	.00015	8	.0062	
2	7519395	3.1250-6UN-2A W	3.0045	3.1222 +.0008	3.0767 -.0008	3.00450 +.00025	.0003	5	.0208	
2	7519396	3.1250-6UN-3A W	3.0097	3.1250 +.0008	3.0819 -.0008	3.00970 +.00025	.0003	5	.0208	
2	7519397	3.1250-8UN-2A W	3.0326	3.1224 +.0007	3.0867 -.0007	3.03260 +.00025	.00025	5	.0156	
2	7519398	3.1250-8UN-3A W	3.0374	3.1250 +.0007	3.0915 -.0007	3.03740 +.00025	.00025	5	.0156	
2	5220-749-8752	3.1250-12UN-2A W	3.0627	3.1231 +.0006	3.0988 -.0006	3.06270 +.00025	.0002	6	.0104	
2	5220-749-8753	3.1250-12UN-3A W	3.0662	3.1250 +.0006	3.1023 -.0006	3.06620 +.00025	.0002	6	.0104	
2	5220-749-8755	3.1250-16UN-2A W	3.0771	3.1233 +.0006	3.1042 -.0006	3.07710 +.00025	.00015	8	.0078	
2	5220-749-8756	3.1250-16UN-3A W	3.0802	3.1250 +.0006	3.1073 -.0006	3.08020 +.00025	.00015	8	.0078	
2	5220-749-8758	3.2500-4UNC-2A W	3.0734	3.2467 +.0009	3.1817 -.0009	3.07340 +.00025	.0003	4	.0312	
2	5220-749-8759	3.2500-4UNC-3A W	3.0794	3.2500 +.0009	3.1877 -.0009	3.07940 +.00025	.0003	4	.0312	

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

Q N I S I S	MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
2	7519399	3.2500-6UN-2A W	3.1294	3.2472 +.0008	3.2016 -.0008	3.12940 +.00025	.0003	5	.0208
2	7519400	3.2500-6UN-3A W	3.1346	3.2500 +.0008	3.2068 -.0008	3.13460 +.00025	.0003	5	.0208
2	5220-749-8761	3.2500-8UN-2A W	3.1575	3.2474 +.0007	3.2116 -.0007	3.15750 +.00025	.00025	5	.0156
2	5220-749-8762	3.2500-8UN-3A W	3.1623	3.2500 +.0007	3.2164 -.0007	3.16230 +.00025	.00025	5	.0156
2	5220-749-8764	3.2500-12UN-2A W	3.1877	3.2481 +.0006	3.2238 -.0006	3.18770 +.00025	.0002	6	.0104
2	5220-749-8765	3.2500-12UN-3A W	3.1912	3.2500 +.0006	3.2273 -.0006	3.19120 +.00025	.0002	6	.0104
2	5220-749-8767	3.2500-16UN-2A W	3.2021	3.2483 +.0006	3.2292 -.0006	3.20210 +.00025	.00015	8	.0078
2	5220-749-8768	3.2500-16UN-3A W	3.2052	3.2500 +.0006	3.2323 -.0006	3.20520 +.00025	.00015	8	.0078
2	7519401	3.3750-6UN-2A W	3.2543	3.3721 +.0008	3.3265 -.0008	3.25430 +.00025	.0003	5	.0208
2	7519402	3.3750-6UN-3A W	3.2595	3.3750 +.0008	3.3317 -.0008	3.25950 +.00025	.0003	5	.0208
2	7519403	3.3750-8UN-2A W	3.2824	3.3724 +.0007	3.3365 -.0007	3.28240 +.00025	.00025	5	.0156
2	7519404	3.3750-8UN-3A W	3.2872	3.3750 +.0007	3.3413 -.0007	3.28720 +.00025	.00025	5	.0156
2	5220-749-8770	3.3750-12UN-2A W	3.3126	3.3731 +.0006	3.3487 -.0006	3.31260 +.00025	.0002	6	.0104
2	5220-749-8771	3.3750-12UN-3A W	3.3161	3.3750 +.0006	3.3522 -.0006	3.31610 +.00025	.0002	6	.0104
2	5220-749-8773	3.3750-16UN-2A W	3.3269	3.3733 +.0006	3.3540 -.0006	3.32690 +.00025	.00015	8	.0078

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

QTY	MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	1.0 PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
2	5220-749-8774	3.3750-16UN-3A W	3.3301	3.3750 +.0006	3.3572 -.0006	3.33010 +.00025	.00015	8	.0078
2	5220-749-8776	3.5000-4UNC-2A W	3.3233	3.4967 +.0009	3.4316 -.0009	3.32330 +.00025	.0003	4	.0312
2	5220-749-8777	3.5000-4UNC-3A W	3.3293	3.5000 +.0009	3.4376 -.0009	3.32930 +.00025	.0003	4	.0312
2	7519405	3.5000-6UN-2A W	3.3792	3.4971 +.0008	3.4514 -.0008	3.37920 +.00025	.0003	5	.0208
2	7519406	3.5000-6UN-3A W	3.3845	3.5000 +.0008	3.4567 -.0008	3.38450 +.00025	.0003	5	.0208
2	5220-749-8779	3.5000-8UN-2A W	3.4074	3.4974 +.0007	3.4615 -.0007	3.40740 +.00025	.00025	5	.0156
2	5220-749-8780	3.5000-8UN-3A W	3.4122	3.5000 +.0007	3.4663 -.0007	3.41220 +.00025	.00025	5	.0156
2	5220-749-8782	3.5000-12UN-2A W	3.4376	3.4981 +.0006	3.4737 -.0006	3.43760 +.00025	.0002	6	.0104
2	5220-749-8783	3.5000-12UN-3A W	3.4411	3.5000 +.0006	3.4772 -.0006	3.44110 +.00025	.0002	6	.0104
2	5220-749-8785	3.5000-16UN-2A W	3.4519	3.4983 +.0006	3.4790 -.0006	3.45190 +.00025	.00015	8	.0078
2	5220-749-8786	3.5000-16UN-3A W	3.4551	3.5000 +.0006	3.4822 -.0006	3.45510 +.00025	.00015	8	.0078
2	7519407	3.6250-6UN-2A W	3.5041	3.6221 +.0008	3.5763 -.0008	3.50410 +.00025	.0003	5	.0208
2	7519408	3.6250-6UN-3A W	3.5094	3.6250 +.0008	3.5816 -.0008	3.50940 +.00025	.0003	5	.0208
2	7519409	3.6250-8UN-2A W	3.5322	3.6223 +.0007	3.5863 -.0007	3.53220 +.00025	.00025	5	.0156
2	7519410	3.6250-8UN-3A W	3.5371	3.6250 +.0007	3.5912 -.0007	3.53710 +.00025	.00025	5	.0156

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

QTY	MIL-STD PART NUMBER	MARKING ON GAGE HANDLE		TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
		THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
2	5220-749-8788	3.6250-12UN-2A W	3.5626	3.6231 +.0006	3.5987 -.0006	3.56260 +.00025	.0002	6	.0104
2	5220-749-8789	3.6250-12UN-3A W	3.5661	3.6250 +.0006	3.6022 -.0006	3.56610 +.00025	.0002	6	.0104
2	5220-749-8791	3.6250-16UN-2A W	3.5769	3.6233 +.0006	3.6040 -.0006	3.57690 +.00025	.00015	8	.0078
2	5220-749-8792	3.6250-16UN-3A W	3.5801	3.6250 +.0006	3.6072 -.0006	3.58010 +.00025	.00015	8	.0078
2	5220-749-8794	3.7500-4UNC-2A W	3.5730	3.7466 +.0009	3.6813 -.0009	3.57300 +.00025	.0003	4	.0312
2	5220-749-8795	3.7500-4UNC-3A W	3.5792	3.7500 +.0009	3.6875 -.0009	3.57920 +.00025	.0003	4	.0312
2	7519411	3.7500-6UN-2A W	3.6290	3.7471 +.0008	3.7012 -.0008	3.62900 +.00025	.0003	5	.0208
2	7519412	3.7500-6UN-3A W	3.6344	3.7500 +.0008	3.7066 -.0008	3.63440 +.00025	.0003	5	.0208
2	5220-749-8797	3.7500-8UN-2A W	3.6571	3.7473 +.0007	3.7112 -.0007	3.65710 +.00025	.00025	5	.0156
2	5220-749-8798	3.7500-8UN-3A W	3.6621	3.7500 +.0007	3.7162 -.0007	3.66210 +.00025	.00025	5	.0156
2	5220-749-8800	3.7500-12UN-2A W	3.6876	3.7481 +.0006	3.7237 -.0006	3.68760 +.00025	.0002	6	.0104
2	5220-749-8801	3.7500-12UN-3A W	3.6911	3.7500 +.0006	3.7272 -.0006	3.69110 +.00025	.0002	6	.0104
2	5220-749-8803	3.7500-16UN-2A W	3.7019	3.7483 +.0006	3.7290 -.0006	3.70190 +.00025	.00015	8	.0078
2	5220-749-8804	3.7500-16UN-3A W	3.7051	3.7500 +.0006	3.7322 -.0006	3.70510 +.00025	.00015	8	.0078
2	7519413	3.8750-6UN-2A W	3.7538	3.8720 +.0008	3.8260 -.0008	3.75380 +.00025	.0003	5	.0208

TABLE I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
2	7519414	3.8750-6UN-3A W	3.7593	3.8750 +.0008	3.8315 -.0008	3.75930 +.00025	.0003	5	.0208
2	7519415	3.8750-8UN-2A W	3.7820	3.8723 +.0007	3.8361 -.0007	3.78200 +.00025	.00025	5	.0156
2	7519416	3.8750-8UN-3A W	3.7870	3.8750 +.0007	3.8411 -.0007	3.78700 +.00025	.00025	5	.0156
2	5220-749-8806	3.8750-12UN-2A W	3.8124	3.8730 +.0006	3.8485 -.0006	3.81240 +.00025	.0002	6	.0104
2	5220-749-8807	3.8750-12UN-3A W	3.8160	3.8750 +.0006	3.8521 -.0006	3.81600 +.00025	.0002	6	.0104
2	5220-749-8809	3.8750-16UN-2A W	3.8267	3.8732 +.0006	3.8538 -.0006	3.82670 +.00025	.00015	8	.0078
2	5220-749-8810	3.8750-16UN-3A W	3.8300	3.8750 +.0006	3.8571 -.0006	3.83000 +.00025	.00015	8	.0078
2	5220-749-8812	4.0000-4UNC-2A W	3.8229	3.9966 +.0009	3.9312 -.0009	3.82290 +.00025	.0003	4	.0312
2	5220-749-8813	4.0000-4UNC-3A W	3.8291	4.0000 +.0009	3.9374 -.0009	3.82910 +.00025	.0003	4	.0312
2	7519417	4.0000-6UN-2A W	3.8788	3.9970 +.0008	3.9510 -.0008	3.87880 +.00025	.0003	5	.0208
2	7519418	4.0000-6UN-3A W	3.8843	4.0000 +.0008	3.9565 -.0008	3.88430 +.00025	.0003	5	.0208
2	5220-749-8815	4.0000-8UN-2A W	3.9070	3.9973 +.0007	3.9611 -.0007	3.90700 +.00025	.00025	5	.0156
2	5220-749-8816	4.0000-8UN-3A W	3.9120	4.0000 +.0007	3.9661 -.0007	3.91200 +.00025	.00025	5	.0156
2	5220-749-8818	4.0000-12UN-2A W	3.9374	3.9980 +.0006	3.9735 -.0006	3.93740 +.00025	.0002	6	.0104
2	5220-749-8819	4.0000-12UN-3A W	3.9410	4.0000 +.0006	3.9771 -.0006	3.94100 +.00025	.0002	6	.0104

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
FIG. NO.	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
2	5220-749-8821	4.0000-16UN-2A W	3.9517	3.9982 +.0006	3.9788 -.0006	3.95170 +.00025	.00015	8	.0078
2	5220-749-8822	4.0000-16UN-3A W	3.9550	4.0000 +.0006	3.9821 -.0006	3.95500 +.00025	.00015	8	.0078
2	7519419	4.1250-6UN-2A W	4.0037	4.1220 +.0013	4.0759 -.0013	4.0037 +.0003	.0003	5	.0208
2	7519420	4.1250-6UN-3A W	4.0092	4.1250 +.0013	4.0814 -.0013	4.0092 +.0003	.0003	5	.0208
2	7519421	4.1250-12UN-2A W	4.0624	4.1230 +.0009	4.0985 -.0009	4.0624 +.0003	.0002	6	.0104
2	7519422	4.1250-12UN-3A W	4.0660	4.1250 +.0009	4.1021 -.0009	4.0660 +.0003	.0002	6	.0104
2	7519423	4.1250-16UN-2A W	4.0767	4.1232 +.0009	4.1038 -.0009	4.0767 +.0003	.00015	8	.0078
2	7519424	4.1250-16UN-3A W	4.0800	4.1250 +.0009	4.1071 -.0009	4.0800 +.0003	.00015	8	.0078
2	7519425	4.2500-4UN-2A W	4.0727	4.2466 +.0015	4.1810 -.0015	4.0727 +.0003	.0003	4	.0312
2	7519426	4.2500-4UN-3A W	4.0790	4.2500 +.0015	4.1873 -.0015	4.0790 +.0003	.0003	4	.0312
2	7519427	4.2500-6UN-2A W	4.1286	4.2470 +.0013	4.2008 -.0013	4.1286 +.0003	.0003	5	.0208
2	7519428	4.2500-6UN-3A W	4.1342	4.2500 +.0013	4.2064 -.0013	4.1342 +.0003	.0003	5	.0208
2	5220-749-8827	4.2500-12UN-2A W	4.1874	4.2480 +.0009	4.2235 -.0009	4.1874 +.0003	.0002	6	.0104
2	5220-749-8828	4.2500-12UN-3A W	4.1910	4.2500 +.0009	4.2271 -.0009	4.1910 +.0003	.0002	6	.0104
2	5220-749-8830	4.2500-16UN-2A W	4.2017	4.2482 +.0009	4.2288 -.0009	4.2017 +.0003	.00015	8	.0078

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

MARKING ON CAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	C	D	E	F	G	H	J	K
2 5220-749-8831	4.2500-16UN-3A W	4.2050	4.2500 +.0009	4.2321 -.0009	4.2050 +.0003	.00015	8	.0078
2 7519429	4.3750-6UN-2A W	4.2536	4.3720 +.0013	4.3258 -.0013	4.2536 +.0003	.0003	5	.0208
2 7519430	4.3750-6UN-3A W	4.2591	4.3750 +.0013	4.3313 -.0013	4.2591 +.0003	.0003	5	.0208
2 7519431	4.3750-12UN-2A W	4.3124	4.3730 +.0009	4.3485 -.0009	4.3124 +.0003	.0002	6	.0104
2 7519432	4.3750-12UN-3A W	4.3160	4.3750 +.0009	4.3521 -.0009	4.3160 +.0003	.0002	6	.0104
2 7519433	4.3750-16UN-2A W	4.3267	4.3732 +.0009	4.3538 -.0009	4.3267 +.0003	.00015	8	.0078
2 7519434	4.3750-16UN-3A W	4.3300	4.3750 +.0009	4.3571 -.0009	4.3300 +.0003	.00015	8	.0078
2 7519435	4.5000-4UN-2A W	4.3225	4.4965 +.0015	4.4308 -.0015	4.3225 +.0003	.0003	4	.0312
2 7519436	4.5000-4UN-3A W	4.3289	4.5000 +.0015	4.4372 -.0015	4.3289 +.0003	.0003	4	.0312
2 7519437	4.5000-6UN-2A W	4.3784	4.4969 +.0013	4.4506 -.0013	4.3784 +.0003	.0003	5	.0208
2 7519438	4.5000-6UN-3A W	4.3840	4.5000 +.0013	4.4562 -.0013	4.3840 +.0003	.0003	5	.0208
2 5220-749-8835	4.5000-12UN-2A W	4.4374	4.4980 +.0009	4.4735 -.0009	4.4374 +.0003	.0002	6	.0104
2 5220-749-8836	4.5000-12UN-3A W	4.4410	4.5000 +.0009	4.4771 -.0009	4.4410 +.0003	.0002	6	.0104
2 5220-749-8838	4.5000-16UN-2A W	4.4517	4.4982 +.0009	4.4788 -.0009	4.4517 +.0003	.00015	8	.0078
2 5220-749-8839	4.5000-16UN-3A W	4.4550	4.5000 +.0009	4.4821 -.0009	4.4550 +.0003	.00015	8	.0078

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

TRUNCATED TIREAD SETTING PLUG GAGE DIMENSIONS									
MARKING ON GAGE HANDLE			TRUNCATED TIREAD SETTING PLUG GAGE DIMENSIONS						
FIG. NO.	MIL-STD PART NUMBER	TIREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
2	7519439	4.6250-6UN-2A W	4.5033	9.6219 +.0013	4.5755 -.0013	4.5033 +.0003	.0003	5	.0208
2	7519440	4.6250-6UN-3A W	4.5090	4.6250 +.0013	4.5812 -.0013	4.5090 +.0003	.0003	5	.0208
2	7519441	4.6250-12UN-2A W	4.5622	4.6230 +.0009	4.5983 -.0009	4.5622 +.0003	.0002	6	.0104
2	7519442	4.6250-12UN-3A W	4.5659	4.6250 +.0009	4.6020 -.0009	4.5659 +.0003	.0002	6	.0104
2	7519443	4.6250-16UN-2A W	4.5765	4.6232 +.0009	4.6036 -.0009	4.5765 +.0003	.00015	8	.0078
2	7519444	4.6250-16UN-3A W	4.5799	4.6250 +.0009	4.6070 -.0009	4.5799 +.0003	.00015	8	.0078
2	7519445	4.7500-4UN-2A W	4.5724	4.7465 +.0015	4.6807 -.0015	4.5724 +.0003	.0003	4	.0312
2	7519446	4.7500-4UN-3A W	4.5788	4.7500 +.0015	4.6871 -.0015	4.5788 +.0003	.0003	4	.0312
2	7519447	4.7500-6UN-2A W	4.6283	4.7469 +.0013	4.7005 -.0013	4.6283 +.0003	.0003	5	.0208
2	7519448	4.7500-6UN-3A W	4.6340	4.7500 +.0013	4.7062 -.0013	4.6340 +.0003	.0003	5	.0208
2	5220-749-8843	4.7500-12UN-2A W	4.6872	4.7480 +.0009	4.7233 -.0009	4.6872 +.0003	.0002	6	.0104
2	5220-749-8844	4.7500-12UN-3A W	4.6909	4.7500 +.0009	4.7270 -.0009	4.6909 +.0003	.0002	6	.0104
2	5220-749-8846	4.7500-16UN-2A W	4.7015	4.7482 +.0009	4.7286 -.0009	4.7015 +.0003	.00015	8	.0078
2	5220-749-8847	4.7500-16UN-3A W	4.7049	4.7500 +.0009	4.7320 -.0009	4.7049 +.0003	.00015	8	.0078
2	7519449	4.8750-6UN-2A W	4.7532	4.8719 +.0013	4.8254 -.0013	4.7532 +.0003	.0003	5	.0208

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

FIG NO	MARKING ON GAGE HANDLE		TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					HALF ANGLE TOL	
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	J	K
A	B	C	D	E	F	G	H	J	K
2	7519450	4.8750-6UN-3A W	4.7589	4.8750 +.0013	4.8311 -.0013	4.7589 +.0003	.0003	5	.0208
2	7519451	4.8750-12UN-2A W	4.8122	4.8730 +.0009	4.8483 -.0009	4.8122 +.0003	.0002	6	.0104
2	7519452	4.8750-12UN-3A W	4.8159	4.8750 +.0009	4.8520 -.0009	4.8159 +.0003	.0002	6	.0104
2	7519453	4.8750-16UN-2A W	4.8265	4.8732 +.0009	4.8536 -.0009	4.8265 +.0003	.00015	8	.0078
2	7519454	4.8750-16UN-3A W	4.8299	4.8750 +.0009	4.8570 -.0009	4.8299 +.0003	.00015	8	.0078
2	7519455	5.0000-4UN-2A W	4.8221	4.9964 +.0015	4.9304 -.0015	4.8221 +.0003	.0003	4	.0312
2	7519456	5.0000-4UN-3A W	4.8287	5.0000 +.0015	4.9370 -.0015	4.8287 +.0003	.0003	4	.0312
2	7519457	5.0000-6UN-2A W	4.8781	4.9969 +.0013	4.9503 -.0013	4.8781 +.0003	.0003	5	.0208
2	7519458	5.0000-6UN-3A W	4.8839	5.0000 +.0013	4.9561 -.0013	4.8839 +.0003	.0003	5	.0208
2	5220-749-8851	5.0000-12UN-2A W	4.9372	4.9980 +.0009	4.9733 -.0009	4.9372 +.0003	.0002	6	.0104
2	5220-749-8852	5.0000-12UN-3A W	4.9409	5.0000 +.0009	4.9770 -.0009	4.9409 +.0003	.0002	6	.0104
2	5220-749-8854	5.0000-16UN-2A W	4.9515	4.9982 +.0009	4.9786 -.0009	4.9515 +.0003	.00015	8	.0078
2	5220-749-8855	5.0000-16UN-3A W	4.9549	5.0000 +.0009	4.9820 -.0009	4.9549 +.0003	.00015	8	.0078
2	7519459	5.1250-12UN-2A W	5.0622	5.1230 +.0009	5.0983 -.0009	5.0622 +.0003	.0002	6	.0104
2	7519460	5.1250-12UN-3A W	5.0659	5.1250 +.0009	5.1020 -.0009	5.0659 +.0003	.0002	6	.0104

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

FIG. NO.	MARKING ON CAGE HANDLE		TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					HALF ANGLE TOL		ROOT CLEAR
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	H	J	K
A	B	C	D	E	F	G	H	I	J	K
2	7519461	5.1250-16UN-2A W	5.0765	5.1232 +.0009	5.1036 -.0009	5.0765 +.0003	.00015		8	.0078
2	7519462	5.1250-16UN-3A W	5.0799	5.1250 +.0009	5.1070 -.0009	5.0799 +.0003	.00015		8	.0078
2	7519463	5.2500-4UN-2A W	5.0720	5.2464 +.0015	5.1803 -.0015	5.0720 +.0003	.0003		4	.0312
2	7519464	5.2500-4UN-3A W	5.0786	5.2500 +.0015	5.1869 -.0015	5.0786 +.0003	.0003		4	.0312
2	5220-749-8859	5.2500-12UN-2A W	5.1872	5.2480 +.0009	5.2233 -.0009	5.1872 +.0003	.0002		6	.0104
2	5220-749-8860	5.2500-12UN-3A W	5.1909	5.2500 +.0009	5.2270 -.0009	5.1909 +.0003	.0002		6	.0104
2	5220-749-8862	5.2500-16UN-2A W	5.2015	5.2482 +.0009	5.2286 -.0009	5.2015 +.0003	.00015		8	.0078
2	5220-749-8863	5.2500-16UN-3A W	5.2049	5.2500 +.0009	5.2320 -.0009	5.2049 +.0003	.00015		8	.0078
2	7519465	5.3750-12UN-2A W	5.3122	5.3730 +.0009	5.3483 -.0009	5.3122 +.0003	.0002		6	.0104
2	7519466	5.3750-12UN-3A W	5.3159	5.3750 +.0009	5.3520 -.0009	5.3159 +.0003	.0002		6	.0104
2	7519467	5.3750-16UN-2A W	5.3265	5.3732 +.0009	5.3536 -.0009	5.3265 +.0003	.00015		8	.0156
2	7519468	5.3750-16UN-3A W	5.3299	5.3750 +.0009	5.3570 -.0009	5.3299 +.0003	.00015		8	.0156
2	7519469	5.5000-4UN-2A W	5.3219	5.4964 +.0015	5.4302 -.0015	5.3219 +.0003	.0003		4	.0312
2	7519470	5.5000-4UN-3A W	5.3285	5.5000 +.0015	5.4368 -.0015	5.3285 +.0003	.0003		4	.0312
2	5220-749-8867	5.5000-12UN-2A W	5.4372	5.4980 +.0009	5.4733 -.0009	5.4372 +.0003	.0002		6	.0104

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS									
MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	10 PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
2	5220-749-8868	5.5000-12UN-3A W	5.4409	5.5000 +.0009	5.4770 -.0009	5.4409 +.0003	.0002	6	.0104
2	5220-749-8870	5.5000-16UN-2A W	5.4515	5.4982 +.0009	5.4786 -.0009	5.4515 +.0003	.00015	8	.0078
2	5220-749-8871	5.5000-16UN-3A W	5.4549	5.5000 +.0009	5.4820 -.0009	5.4549 +.0003	.00015	8	.0078
2	7519471	5.6250-12UN-2A W	5.5619	5.6229 +.0009	5.5980 -.0009	5.5619 +.0003	.0002	6	.0104
2	7519472	5.6250-12UN-3A W	5.5657	5.6250 +.0009	5.6018 -.0009	5.5657 +.0003	.0002	6	.0104
2	7519473	5.6250-16UN-2A W	5.5763	5.6231 +.0009	5.6034 -.0009	5.5763 +.0003	.00015	8	.0078
2	7519474	5.6250-16UN-3A W	5.5797	5.6250 +.0009	5.6068 -.0009	5.5797 +.0003	.00015	8	.0078
2	7519475	5.7500-4UN-2A W	5.5717	5.7463 +.0015	5.6800 -.0015	5.5717 +.0003	.0003	4	.0312
2	7519476	5.7500-4UN-3A W	5.5784	5.7500 +.0015	5.6867 -.0015	5.5784 +.0003	.0003	4	.0312
2	5220-749-8875	5.7500-12UN-2A W	5.6869	5.7479 +.0009	5.7320 -.0009	5.6869 +.0003	.0002	6	.0104
2	5220-749-8876	5.7500-12UN-3A W	5.6907	5.7500 +.0009	5.7268 -.0009	5.6907 +.0003	.0002	6	.0104
2	5220-749-8878	5.7500-16UN-2A W	5.7013	5.7481 +.0009	5.7284 -.0009	5.7013 +.0003	.00015	8	.0078
2	5220-749-8879	5.7500-16UN-3A W	5.7047	5.7500 +.0009	5.7318 -.0009	5.7047 +.0003	.00015	8	.0078
2	7519477	5.8750-12UN-2A W	5.8119	5.8729 +.0009	5.8480 -.0009	5.8119 +.0003	.0002	6	.0104
2	7519478	5.8750-12UN-3A W	5.8157	5.8750 +.0009	5.8518 -.0009	5.8157 +.0003	.0002	6	.0104

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Table I. Tabulation of Design and Identification Data - Unified Standard Thread (Continued)

FIG. NO.	MARKING ON CAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
2	7519479	5.8750-16UN-2A W	5.8263	5.8731 +.0009	5.8534 -.0009	5.8263 +.0003	.00015	8	.0078
2	7519480	5.8750-16UN-3A W	5.8297	5.8750 +.0009	5.8568 -.0009	5.8297 +.0003	.00015	8	.0078
2	7519481	6.0000-4UN-2A W	5.8215	5.9963 +.0015	5.9298 -.0015	5.8215 +.0003	.0003	4	.0312
2	7519482	6.0000-4UN-3A W	5.8283	6.0000 +.0015	5.9366 -.0015	5.8283 +.0003	.0003	4	.0312
2	5220-749-8883	6.0000-12UN-2A W	5.9369	5.9979 +.0009	5.9730 -.0009	5.9369 +.0003	.0002	6	.0104
2	5220-749-8884	6.0000-12UN-3A W	5.9407	6.0000 +.0009	5.9768 -.0009	5.9407 +.0003	.0002	6	.0104
2	5220-749-8886	6.0000-16UN-2A W	5.9513	5.9981 +.0009	5.9784 -.0009	5.9513 +.0003	.00015	8	.0078
2	5220-749-8887	6.0000-16UN-3A W	5.9547	6.0000 +.0009	5.9818 -.0009	5.9547 +.0003	.00015	8	.0078

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Table II. Tabulation of Design and Identification Data - American National Standard Thread

MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
1	5220-749-8367	(0) .060-80UNF-3A-3 W	.0506	.0594 +.0003	.0560 -.0003	.0506 +.0001	.0001	20	.0016
1	5220-749-8370	(1) .073-64NC-3 W	.0615	.0729 +.0003	.0683 -.0003	.0615 +.0001	.0001	20	.0020
1	5220-749-8373	(1) .073-72NF-3 W	.0627	.0727 +.0003	.0687 -.0003	.0627 +.0001	.0001	20	.0017
1	5220-749-8376	(2) .086-56NC-3 W	.0729	.0860 +.0003	.0806 -.0003	.0729 +.0001	.0001	20	.0022
1	5220-749-8379	(2) .086-64NF-3 W	.0745	.0859 +.0003	.0813 -.0003	.0745 +.0001	.0001	20	.0020
1	5220-749-8382	(3) .099-48NC-3 W	.0839	.0990 +.0003	.0929 -.0003	.0839 +.0001	.0001	18	.0026
1	5220-749-8385	(3) .099-56NF-3 W	.0859	.0990 +.0003	.0936 -.0003	.0859 +.0001	.0001	20	.0022
1	5220-749-8388	(4) .112-40NC-3 W	.0941	.1120 +.0003	.1049 -.0003	.0941 +.0001	.0001	15	.0031
1	5220-749-8391	(4) .112-48NF-3 W	.0969	.1120 +.0003	.1059 -.0003	.0969 +.0001	.0001	18	.0026
1	5220-749-8394	(5) .125-40NC-3 W	.1071	.1250 +.0003	.1179 -.0003	.1071 +.0001	.0001	15	.0031
1	5220-749-8397	(5) .125-44NF-3 W	.1086	.1250 +.0003	.1184 -.0003	.1086 +.0001	.0001	15	.0028
1	5220-749-8400	(6) .138-32NC-3 W	.1158	.1380 +.0003	.1293 -.0003	.1158 +.0001	.0001	12	.0039
1	5220-749-8403	(6) .138-40NF-3 W	.1201	.1380 +.0003	.1309 -.0003	.1201 +.0001	.0001	15	.0031
1	5220-749-8406	(8) .164-32NC-3 W	.1418	.1640 +.0003	.1553 -.0003	.1418 +.0001	.0001	12	.0039
1	5220-749-8409	(8) .164-36NF-3 W	.1442	.1640 +.0003	.1562 -.0003	.1442 +.0001	.0001	12	.0035

Table IV. Tabular Data of Design and Identification Data - American National Standard Thread (Continued)

Q C O D E		MARKING ON GAGE HANDLE		TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
		MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	b		C	D	E	F	G	H	J	K
1	1	5220-749-8412	(10) .190-24NC-3 W	.1605	.1900 +.0005	.1785 -.0005	.1605 +.0001	.00015	8	.0052
1	1	5220-749-8415	(10) .190-32NF-3 W	.1678	.1900 +.0003	.1813 -.0003	.1678 +.0001	.0001	12	.0039
1	1	5220-749-8418	(12) .216-24NC-3 W	.1865	.2160 +.0005	.2045 -.0005	.1865 +.0001	.00015	8	.0052
1	1	5220-749-8421	(12) .216-28NF-3 W	.1906	.2160 +.0005	.2061 -.0005	.1906 +.0001	.00015	8	.0045
1	1	5220-751-5806	(12) .216-32NEF-3 W	.1935	.2160 +.0003	.2070 -.0003	.1935 +.0001	.0001	12	.0039
1	1	5220-749-8424	.2500-20NC-3 W	.2149	.2500 +.0005	.2366 -.0005	.2149 +.0001	.00015	8	.0062
1	1	5220-749-8427	.2500-28NF-3 W	.2246	.2500 +.0005	.2401 -.0005	.2246 +.0001	.00015	8	.0045
1	1	5220-749-8430	.2500-32NEF-3 W	.2275	.2500 +.0003	.2410 -.0003	.2275 +.0001	.0001	12	.0039
1	1	5220-749-8432	.3125-18UNC-3A-3 W	.2734	.3125 +.0005	.2975 -.0005	.2734 +.0001	.00015	8	.0069
1	1	5220-749-8435	.3125-24NF-3 W	.2830	.3125 +.0005	.3010 -.0005	.2830 +.0001	.00015	8	.0052
1	1	5220-749-8438	.3125-32NEF-3 W	.2899	.3125 +.0003	.3034 -.0003	.2899 +.0001	.0001	12	.0039
1	1	5220-749-8441	.3750-16NC-3 W	.3312	.3750 +.0006	.3583 -.0006	.3312 +.0001	.00015	8	.0078
1	1	5220-749-8444	.3750-24NF-3 W	.3455	.3750 +.0005	.3635 -.0005	.3455 +.0001	.00015	8	.0052
1	1	5220-749-8447	.3750-32NEF-3 W	.3523	.3750 +.0003	.3658 -.0003	.3523 +.0001	.0001	12	.0039
1	1	5220-749-8450	.4375-14NC-3 W	.3875	.4375 +.0006	.4184 -.0006	.38750+.00015	.0002	6	.0089

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Table II. Tabulation of Design and Identification Data - American National Standard Thread (Continued)

Q	MIL-STD PART NUMBER	MARKING ON GAGE HANDLE		TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						HALF ANGLE TOL	ROOT CLEAR
		THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	H	J		
A	B	C	D	E	F	G	H	J	K		
1	5220-749-8453	.4375-20NF-3 W	.4024	.4375 +.0005	.4241 -.0005	.4024 +.0001	.00015	.00015	8	.0062	
1	5220-749-8456	.4375-28NEF-3 W	.4118	.4375 +.0005	.4273 -.0005	.4118 +.0001	.00015	.00015	8	.0045	
1	5220-749-8457	.5000-12N-3 W	.4419	.5000 +.0006	.4780 -.0006	.44190 +.00015	.0002	.0002	6	.0104	
1	5220-749-8459	.5000-13UNC-3A-3 W	.4463	.5000 +.0006	.4796 -.0006	.44630 +.00015	.0002	.0002	6	.0096	
1	5220-749-8462	.5000-20NF-3 W	.4649	.5000 +.0005	.4866 -.0005	.4649 +.0001	.00015	.00015	8	.0062	
1	5220-749-8465	.5000-28NEF-3 W	.4742	.5000 +.0005	.4897 -.0005	.4742 +.0001	.00015	.00015	8	.0045	
1	5220-749-8468	.5625-12NC-3 W	.5044	.5625 +.0006	.5405 -.0006	.5044 +.0002	.0002	.0002	6	.0104	
1	5220-749-8471	.5625-18NF-3 W	.5234	.5625 +.0005	.5475 -.0005	.52340 +.00015	.00015	.00015	8	.0069	
1	5220-749-8474	.5625-24NEF-3 W	.5326	.5625 +.0005	.5506 -.0005	.53260 +.00015	.00015	.00015	8	.0052	
1	5220-749-8477	.6250-11NC-3 W	.5618	.6250 +.0006	.6012 -.0006	.5618 +.0002	.0002	.0002	6	.0114	
1	5220-749-8478	.6250-12N-3 W	.5669	.6250 +.0006	.6030 -.0006	.5669 +.0002	.0002	.0002	6	.0104	
1	5220-749-8481	.6250-18NF-3 W	.5859	.6250 +.0005	.6100 -.0005	.58590 +.00015	.00015	.00015	8	.0069	
1	5220-749-8484	.6250-24NEF-3 W	.5950	.6250 +.0005	.6130 -.0005	.59500 +.00015	.00015	.00015	8	.0052	
1	5220-749-8485	.6875-12N-3 W	.6294	.6875 +.0006	.6655 -.0006	.6294 +.0002	.0002	.0002	6	.0104	
1	5220-749-8488	.6875-24NEF-3 W	.6575	.6875 +.0005	.6755 -.0005	.65750 +.00015	.00015	.00015	8	.0052	

Table II. Tabulation of Design and Identification Data - American National Standard Thread (Continued)

MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
1	5220-749-8491	.7500-10NC-3 W	.6805	.7500 +.0006	.7238 -.0006	.6805 +.0002	.00025	6	.0125
1	5220-749-8492	.7500-12N-3 W	.6919	.7500 +.0006	.7280 -.0006	.6919 +.0002	.0002	6	.0104
1	5220-749-8495	.7500-16NF-3 W	.7062	.7500 +.0006	.7333 -.0006	.7062 +.0002	.00015	8	.0078
1	5220-749-8498	.7500-20NEF-3 W	.7143	.7500 +.0005	.7360 -.0005	.71430 +.00015	.00015	8	.0062
1	5220-749-8499	.8125-12N-3 W	.7544	.8125 +.0006	.7905 -.0006	.7544 +.0002	.0002	6	.0104
1	5220-749-8500	.8125-16N-3 W	.7684	.8125 +.0006	.7955 -.0005	.7684 +.0002	.00015	8	.0078
1	5220-749-8503	.8125-20NEF-3 W	.7768	.8125 +.0005	.7985 -.0005	.77680 +.00015	.00015	8	.0062
1	5220-749-8506	.8750-9NC-3 W	.7979	.8750 +.0007	.8460 -.0007	.7979 +.0002	.00025	6	.0139
1	5220-749-8507	.8750-12N-3 W	.8169	.8750 +.0006	.8530 -.0006	.8169 +.0002	.0002	6	.0104
1	5220-749-8510	.8750-14NF-3 W	.8250	.8750 +.0006	.8559 -.0006	.8250 +.0002	.0002	6	.0089
1	5220-749-8511	.8750-16UN-3A-3 W	.8308	.8750 +.0006	.8579 -.0006	.8308 +.0002	.00015	8	.0078
1	5220-749-8513	.8750-20UNEF-3A-3 W	.8392	.8750 +.0005	.8609 -.0005	.83920 +.00015	.00015	8	.0062
1	5220-749-8514	.9375-12N-3 W	.8794	.9375 +.0006	.9155 -.0006	.8794 +.0002	.0002	6	.0104
1	5220-749-8515	.9375-16N-3 W	.8933	.9375 +.0006	.9204 -.0006	.8933 +.0002	.00015	8	.0078
1	5220-749-8518	.9375-20NEF-3 W	.9017	.9375 +.0005	.9234 -.0005	.90170 +.00015	.00015	8	.0062

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.

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Table II. Tabulation of Design and Identification Data - American National Standard Thread (Continued)

Q	MARKING ON GAGE HANDLE		TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					HALF	
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	ANGLE TOL	ROOT CLEAR
A	b	C	D	E	F	G	H	J	K
1	5220-749-8521	1.0000-8NC-3 W	.9134	1.0000 +.0007	.9675 -.0007	.9134 +.0002	.00025	5	.0156
1	5220-749-8524	1.0000-12N-3 W	.9419	1.0000 +.0006	.9780 -.0006	.9419 +.0002	.0002	6	.0104
1	5220-749-8528	1.0000-16UN-3A-3 W	.9557	1.0000 +.0006	.9828 -.0006	.9557 +.0002	.00015	8	.0078
1	5220-749-8530	1.0000-20UNEF-3A-3 W	.9641	1.0000 +.0005	.9858 -.0005	.96410 +.00015	.00015	8	.0062
1	5220-749-8533	1.0625-12N-3 W	1.0044	1.0625 +.0006	1.0405 -.0006	1.0044 +.0002	.0002	6	.0104
1	5220-749-8534	1.0625-16UN-3A-3 W	1.0182	1.0625 +.0006	1.0453 -.0006	1.0182 +.0002	.00015	8	.0078
1	5220-749-8536	1.0625-18UNEF-3A-3 W	1.0228	1.0625 +.0005	1.0469 -.0005	1.02280 +.00015	.00015	8	.0069
1	5220-749-8539	1.1250-7NC-3 W	1.0263	1.1250 +.0007	1.0882 -.0007	1.0263 +.0002	.0003	5	.0179
1	5220-749-8542	1.1250-8N-3 W	1.0383	1.1250 +.0007	1.0924 -.0007	1.0383 +.0002	.00025	5	.0156
1	5220-749-8545	1.1250-12NF-3 W	1.0669	1.1250 +.0006	1.1030 -.0006	1.0669 +.0002	.0002	6	.0104
1	5220-749-8546	1.1250-16N-3 W	1.0806	1.1250 +.0006	1.1077 -.0006	1.0806 +.0002	.00015	8	.0078
1	5220-749-8548	1.1250-18UNEF-3A-3 W	1.0853	1.1250 +.0005	1.1094 -.0005	1.08530 +.00015	.00015	8	.0069
1	5220-749-8551	1.1875-12N-3 W	1.1294	1.1875 +.0006	1.1655 -.0006	1.1294 +.0002	.0002	6	.0104
1	5220-749-8552	1.1875-16UN-3A-3 W	1.1431	1.1875 +.0006	1.1702 -.0006	1.1431 +.0002	.00015	8	.0078

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Table II. Tabulation of Design and Identification Data - American National Standard Thread (Continued)

MARKING ON GAGE HANDLE				TRUNCATED THREAD SETTING PLUS GAGE DIMENSIONS					
MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
1	5220-749-8554	1.1875-18UNEF-3A-3 W	1.1478	1.1875 +.0005	1.1719 -.0005	1.14780 +.00015	.00015	8	.0069
1	5220-749-8557	1.2500-7NC-3 W	1.1513	1.2500 +.0007	1.2132 -.0007	1.1513 +.0002	.0003	5	.0179
1	5220-749-8560	1.2500-8N-3 W	1.1630	1.2500 +.0007	1.2171 -.0007	1.1630 +.0002	.00025	5	.0156
1	5220-749-8563	1.2500-12NF-3 W	1.1919	1.2500 +.0006	1.2280 -.0006	1.1919 +.0002	.0002	6	.0104
1	5220-749-8564	1.2500-16UN-3A-3 W	1.2056	1.2500 +.0006	1.2327 -.0006	1.2056 +.0002	.00015	8	.0078
1	5220-749-8567	1.2500-18NEF-3 W	1.2102	1.2500 +.0005	1.2343 -.0005	1.21020 +.00015	.00015	8	.0069
1	5220-749-8570	1.3125-12N-3 W	1.2544	1.3125 +.0006	1.2905 -.0006	1.2544 +.0002	.0002	6	.0104
1	5220-749-8571	1.3125-16N-3 W	1.2680	1.3125 +.0006	1.2951 -.0006	1.2680 +.0002	.00015	8	.0078
1	5220-749-8574	1.3125-18NEF-3 W	1.2727	1.3125 +.0005	1.2968 -.0005	1.27270 +.00015	.00015	8	.0069
1	5220-749-8577	1.3750-6NC-3 W	1.2596	1.3750 +.0008	1.3318 -.0008	1.2596 +.0002	.0003	5	.0208
1	5220-749-8580	1.3750-8N-3 W	1.2877	1.3750 +.0007	1.3418 -.0007	1.2877 +.0002	.00025	5	.0156
1	5220-749-8583	1.3750-12NF-3 W	1.3169	1.3750 +.0006	1.3530 -.0006	1.3169 +.0002	.0002	6	.0104
1	5220-749-8584	1.3750-16N-3 W	1.3305	1.3750 +.0006	1.3576 -.0006	1.3305 +.0002	.00015	8	.0078
1	5220-749-8587	1.3750-18NEF-3 W	1.3351	1.3750 +.0005	1.3592 -.0005	1.33510 +.00015	.00015	8	.0069
1	5220-749-8590	1.4375-12N-3 W	1.3794	1.4375 +.0006	1.4155 -.0006	1.3794 +.0002	.0002	6	.0104

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Table II. Tabulation of Design and Identification Data - American National Standard Thread (Continued)

TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS									
MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	LO FITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
1	5220-749-8591	1.4375-16N-3 W	1.3929	1.4375 +.0006	1.4200 -.0006	1.3929 +.0002	.00015	8	.0078
1	5220-749-8594	1.4375-18NEF-3 W	1.3976	1.4375 +.0005	1.4217 -.0005	1.39760 +.00015	.00015	8	.0069
1	5220-749-8597	1.5000-6NC-3 W	1.3846	1.5000 +.0008	1.4568 -.0008	1.3846 +.0002	.0003	5	.0208
1	5220-749-8600	1.5000-8N-3 W	1.4125	1.5000 +.0007	1.4666 -.0007	1.4125 +.0002	.00025	5	.0156
1	5220-749-8603	1.5000-12NF-3 W	1.4419	1.5000 +.0006	1.4780 -.0006	1.4419 +.0002	.0002	6	.0104
1	5220-749-8604	1.5000-16N-3 W	1.4554	1.5000 +.0006	1.4825 -.0006	1.4554 +.0002	.00015	8	.0078
1	5220-749-8607	1.5000-18NEF-3 W	1.4601	1.5000 +.0005	1.4842 -.0005	1.46010 +.00015	.00015	8	.0069
2	5220-749-8608	1.5625-16N-3 W	1.5179	1.5625 +.0006	1.5450 -.0006	1.51790 +.00025	.00015	8	.0078
2	5220-749-8611	1.5625-18NEF-3 W	1.5225	1.5625 +.0005	1.5466 -.0005	1.5225 +.0002	.00015	8	.0069
2	5220-749-8614	1.6250-8N-3 W	1.5373	1.6250 +.0007	1.5914 -.0007	1.53730 +.00025	.00025	5	.0156
2	5220-749-8617	1.6250-12N-3 W	1.5664	1.6250 +.0006	1.6025 -.0006	1.56640 +.00025	.0002	6	.0104
2	5220-749-8618	1.6250-16N-3 W	1.5803	1.6250 +.0006	1.6074 -.0006	1.58030 +.00025	.00015	8	.0078
2	5220-749-8621	1.6250-18NEF-3 W	1.5850	1.6250 +.0005	1.6091 -.0005	1.5850 +.0002	.00015	8	.0069
2	5220-749-8622	1.6875-16N-3 W	1.6428	1.6875 +.0006	1.6699 -.0006	1.64280 +.00025	.00015	8	.0078
2	5220-749-8625	1.6875-18NEF-3 W	1.6475	1.6875 +.0005	1.6716 -.0005	1.6475 +.0002	.00015	8	.0069

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Table 11. Truncated Thread Setting Plug Gage Dimensions (Continued)

MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
2	5220-749-8628	1.7500-5NC-3 W	1.6119	1.7500 +.0008	1.6985 -.0008	1.61190 +.00025	.0003	4	.0250
2	5220-749-8631	1.7500-8N-3 W	1.6620	1.7500 +.0007	1.7161 -.0007	1.66200 +.00025	.00025	5	.0156
2	5220-749-8634	1.7500-12N-3 W	1.6913	1.7500 +.0006	1.7274 -.0006	1.69130 +.00025	.0002	6	.0104
2	5220-749-8637	1.7500-16NEF-3 W	1.7053	1.7500 +.0006	1.7324 -.0006	1.70530 +.00025	.00015	8	.0078
2	5220-749-8640	1.8125-16N-3 W	1.7677	1.8125 +.0006	1.7948 -.0006	1.76770 +.00025	.00025	8	.0078
2	5220-749-8643	1.8750-8N-3 W	1.7868	1.8750 +.0007	1.8409 -.0007	1.78680 +.00025	.00025	5	.0156
2	5220-749-8646	1.8750-12N-3 W	1.8163	1.8750 +.0006	1.8524 -.0006	1.81630 +.00025	.0002	6	.0104
2	5220-749-8649	1.8750-16N-3 W	1.8302	1.8750 +.0006	1.8573 -.0006	1.83020 +.00025	.00015	8	.0078
2	5220-749-8652	1.9375-16N-3 W	1.8927	1.9375 +.0006	1.9198 -.0006	1.89270 +.00025	.00015	8	.0078
2	5220-749-8655	2.0000-4-1/2NC-3 W	1.8468	2.0000 +.0008	1.9430 -.0008	1.84680 +.00025	.0003	4	.0278
2	5220-749-8658	2.0000-8N-3 W	1.9115	2.0000 +.0007	1.9656 -.0007	1.91150 +.00025	.00025	5	.0156
2	5220-749-8661	2.0000-12N-3 W	1.9412	2.0000 +.0006	1.9773 -.0006	1.94120 +.00025	.0002	6	.0104
2	5220-749-8664	2.0000-16NEF-3 W	1.9551	2.0000 +.0006	1.9822 -.0006	1.95510 +.00025	.00015	8	.0078
2	5220-749-8667	2.0625-16N-3 W	2.0176	2.0625 +.0006	2.0447 -.0006	2.01760 +.00025	.00015	8	.0078
2	5220-749-8670	2.1250-8N-3 W	2.0363	2.1250 +.0007	2.0904 -.0007	2.03630 +.00025	.00025	5	.0156

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Table IV. Tabulation of Design and Identification Data - American National Standard Thread (Continued)

Q	MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	IO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
	b	C	D	E	F	G	H	J	K
2	5220-749-8718	2.6250-12N-3 W	2.5659	2.6250 +.0006	2.6020 -.0006	2.56590 +.00025	.0002	6	.0104
2	5220-749-8721	2.6250-16N-3 W	2.5799	2.6250 +.0006	2.6070 -.0006	2.57990 +.00025	.00015	8	.0078
2	5220-749-8724	2.7500-4NC-3 W	2.5779	2.7500 +.0009	2.6862 -.0009	2.57790 +.00025	.0003	4	.0312
2	5220-749-8727	2.7500-8N-3 W	2.6601	2.7500 +.0007	2.7142 -.0007	2.66010 +.00025	.00025	5	.0156
2	5220-749-8730	2.7500-12N-3 W	2.6909	2.7500 +.0006	2.7270 -.0006	2.69090 +.00025	.0002	6	.0104
2	5220-749-8733	2.7500-16N-3 W	2.7048	2.7500 +.0006	2.7319 -.0006	2.70480 +.00025	.00015	8	.0078
2	5220-749-8736	2.8750-12N-3 W	2.8158	2.8750 +.0006	2.8519 -.0006	2.81580 +.00025	.0002	6	.0104
2	5220-749-8739	2.8750-16N-3 W	2.8298	2.8750 +.0006	2.8569 -.0006	2.82980 +.00025	.00015	8	.0078
2	5220-749-8742	3.0000-4NC-3 W	2.8279	3.0000 +.0009	2.9362 -.0009	2.82790 +.00025	.0003	4	.0312
2	5220-749-8745	3.0000-8N-3 W	2.9096	3.0000 +.0007	2.9637 -.0007	2.90960 +.00025	.00025	5	.0156
2	5220-749-8748	3.0000-12N-3 W	2.9408	3.0000 +.0006	2.9769 -.0006	2.94080 +.00025	.0002	6	.0104
2	5220-749-8751	3.0000-16N-3 W	2.9547	3.0000 +.0006	2.9818 -.0006	2.95470 +.00025	.00015	8	.0078
2	5220-749-8754	3.1250-12N-3 W	3.0657	3.1250 +.0006	3.1018 -.0006	3.06570 +.00025	.0002	6	.0104
2	5220-749-8757	3.1250-16N-3 W	3.0797	3.1250 +.0006	3.1068 -.0006	3.07970 +.00025	.00015	8	.0078
2	5220-749-8760	3.2500-4NC-3 W	3.0779	3.2500 +.0009	3.1862 -.0009	3.07790 +.00025	.0003	4	.0312

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Table II. Tabulation of Design and Identification Data - American National Standard Thread (Continued)

MARKING ON GAGE HANDLE				TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR		
A	B	C	D	E	F	G	H	J	K	
2	5220-749-8763	3.2500-8N-3 W	3.1595	3.2500 +.0007	3.2136 -.0007	3.15950 +.00025	.00025	5	.0156	
2	5220-749-8766	3.2500-12N-3 W	3.1907	3.2500 +.0006	3.2268 -.0006	3.19070 +.00025	.0002	6	.0104	
2	5220-749-8769	3.2500-16N-3 W	3.2046	3.2500 +.0006	3.2317 -.0006	3.20460 +.00025	.00015	8	.0078	
2	5220-749-8772	3.3750-12N-3 W	3.3156	3.3750 +.0006	3.3517 -.0006	3.31560 +.00025	.0002	6	.0104	
2	5220-749-8775	3.3750-16N-3 W	3.3296	3.3750 +.0006	3.3567 -.0006	3.32960 +.00025	.00015	8	.0078	
2	5220-749-8778	3.5000-4NC-3 W	3.3279	3.5000 +.0009	3.4362 -.0009	3.32790 +.00025	.0003	4	.0312	
2	5220-749-8781	3.5000-8N-3 W	3.4095	3.5000 +.0007	3.4636 -.0007	3.40950 +.00025	.00025	5	.0156	
2	5220-749-8784	3.5000-12N-3 W	3.4406	3.5000 +.0006	3.4767 -.0006	3.44060 +.00025	.0002	6	.0104	
2	5220-749-8787	3.5000-16N-3 W	3.4545	3.5000 +.0006	3.4816 -.0006	3.45450 +.00025	.00015	8	.0078	
2	5220-749-8790	3.6250-12N-3 W	3.5655	3.6250 +.0006	3.6016 -.0006	3.56550 +.00025	.0002	6	.0104	
2	5220-749-8793	3.6250-16N-3 W	3.5795	3.6250 +.0006	3.6066 -.0006	3.57950 +.00025	.00025	8	.0078	
2	5220-749-8796	3.7500-4NC-3 W	3.5779	3.7500 +.0009	3.6862 -.0009	3.57790 +.00025	.0003	4	.0312	
2	5220-749-8799	3.7500-8N-3 W	3.6594	3.7500 +.0007	3.7135 -.0007	3.65940 +.00025	.00025	5	.0156	
2	5220-749-8802	3.7500-12N-3 W	3.6905	3.7500 +.0006	3.7266 -.0006	3.69050 +.00025	.0002	6	.0104	
2	5220-749-8805	3.7500-16N-3 W	3.7044	3.7500 +.0006	3.7315 -.0006	3.70440 +.00025	.00015	8	.0078	

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Table II. Tabulation of Design and Identification Data - American National Standard Thread (Continued)

Q	MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUS GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
2	5220-749-8808	3.8750-12N-3 W	3.8154	3.8750 +.0006	3.8515 -.0006	3.81540 +.00025	.0002	6	.0104
2	5220-749-8811	3.8750-16N-3 W	3.8294	3.8750 +.0006	3.8565 -.0006	3.82940 +.00025	.00015	8	.0078
2	5220-749-8814	4.0000-4NC-3 W	3.8279	4.0000 +.0009	3.9362 -.0009	3.82790 +.00025	.0003	4	.0312
2	5220-749-8817	4.0000-8N-3 W	3.9093	4.0000 +.0007	3.9634 -.0007	3.90930 +.00025	.00025	5	.0156
2	5220-749-8820	4.0000-12N-3 W	3.9404	4.0000 +.0006	3.9765 -.0006	3.94040 +.00025	.0002	6	.0104
2	5220-749-8823	4.0000-16N-3 W	3.9543	4.0000 +.0006	3.9814 -.0006	3.95430 +.00025	.00015	8	.0078
2	5220-749-8826	4.2500-8N-3 W	4.1592	4.2500 +.0011	4.2133 -.0011	4.1592 +.0003	.00025	5	.0156
2	5220-749-8829	4.2500-12N-3 W	4.1903	4.2500 +.0009	4.2264 -.0009	4.1903 +.0003	.0002	6	.0104
2	5220-751-6845	4.2500-16N-3 W	4.2042	4.2500 +.0009	4.2313 -.0009	4.2042 +.0003	.00015	8	.0078
2	5220-749-8834	4.5000-8N-3 W	4.4091	4.5000 +.0011	4.4632 -.0011	4.4091 +.0003	.00025	5	.0156
2	5220-749-8837	4.5000-12N-3 W	4.4402	4.5000 +.0009	4.4763 -.0009	4.4402 +.0003	.0002	6	.0104
2	5220-751-6846	4.5000-16N-3 W	4.4541	4.5000 +.0009	4.4812 -.0009	4.4541 +.0003	.00015	8	.0078
2	5220-749-8842	4.7500-8N-3 W	4.6590	4.7500 +.0011	4.7131 -.0011	4.6590 +.0003	.00025	5	.0156
2	5220-749-8845	4.7500-12N-3 W	4.6901	4.7500 +.0009	4.7262 -.0009	4.6901 +.0003	.0002	6	.0104
2	5220-751-6847	4.7500-16N-3 W	4.7041	4.7500 +.0009	4.7312 -.0009	4.7041 +.0003	.00015	8	.0078

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Table II. Tabulation of Design and Identification Data - American National Standard Thread Plug Gage Dimensions (Continued)

Q	MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS					
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR
A	B	C	D	E	F	G	H	J	K
2	5220-749-8850	5.0000-8N-3 W	4.9089	5.0000 +.0011	4.9630 -.0011	4.9089 +.0003	.00025	5	.0156
2	5220-749-8853	5.0000-12N-3 W	4.9400	5.0000 +.0009	4.9761 -.0009	4.9400 +.0003	.0002	6	.0104
2	5220-751-6848	5.0000-16N-3 W	4.9540	5.0000 +.0009	4.9811 -.0009	4.9540 +.0003	.00015	8	.0078
2	5220-749-8858	5.2500-8N-3 W	5.1589	5.2500 +.0011	5.2130 -.0011	5.1589 +.0003	.00025	5	.0156
2	5220-749-8861	5.2500-12N-3 W	5.1900	5.2500 +.0009	5.2261 -.0009	5.1900 +.0003	.0002	6	.0104
2	5220-751-6849	5.2500-16N-3 W	5.2039	5.2500 +.0009	5.2310 -.0009	5.2039 +.0003	.00015	8	.0078
2	5220-749-8866	5.5000-8N-3 W	5.4088	5.5000 +.0011	5.4629 -.0011	5.4088 +.0003	.00025	5	.0156
2	5220-749-8869	5.5000-12N-3 W	5.4399	5.5000 +.0009	5.4760 -.0009	5.4399 +.0003	.0002	6	.0104
2	5220-751-6850	5.5000-16N-3 W	5.4538	5.5000 +.0009	5.4809 -.0009	5.4538 +.0003	.00015	8	.0078
2	5220-749-8874	5.7500-8N-3 W	5.6587	5.7500 +.0011	5.7128 -.0011	5.6587 +.0003	.00025	5	.0156
2	5220-749-8877	5.7500-12N-3 W	5.6898	5.7500 +.0009	5.7259 -.0009	5.6898 +.0003	.0002	6	.0104
2	5220-751-6851	5.7500-16N-3 W	5.7038	5.7500 +.0009	5.7309 -.0009	5.7038 +.0003	.00015	8	.0078
2	5220-749-8882	6.0000-8N-3 W	5.9086	6.0000 +.0011	5.9627 -.0011	5.9086 +.0003	.00025	5	.0156
2	5220-749-8885	6.0000-12N-3 W	5.9397	6.0000 +.0009	5.9758 -.0009	5.9397 +.0003	.0002	6	.0104
2	5220-751-6852	6.0000-16N-3 W	5.9537	6.0000 +.0009	5.9808 -.0009	5.9537 +.0003	.00015	8	.0078

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Table III. Tabulation of Design and Identification Data - Special (UNS) Threads

FIG. NO.	MARKING ON GAGE HANDLE		TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						HALF ANGLE TOL	ROOT CLEAR
	MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	H	J	K
A	B	C	D	E	F	G	H			
2	5220-751-6807	.5000-12UNS-2A W (.5000-12N-2A W)*	.4389	.4984 + .0006	.4750 - .0006	.43890 + .00015	.0002		6	.0104
2	5220-749-8457	.5000-12UNS-3A W (.5000-12N-3A-3 W)*	.4419	.5000 + .0006	.4780 - .0006	.44190 + .00015	.0002		6	.0104
2	5220-749-8525	1.0000-14UNS-2A W (1.0000-14N-2A W)*	.9463	.9983 + .0006	.9772 - .0006	.9463 + .0002	.0002		6	.0089
2	5220-749-8526	1.0000-14UNS-3A W (1.0000-14N-3A W)*	.9494	1.0000 + .0006	.9803 - .0006	.9494 + .0002	.0002		6	.0089
2	5220-749-8527	1.0000-14UNS-3 W (1.0000-14N-3 W)*	.9500	1.0000 + .0006	.9809 - .0006	.9500 + .0002	.0002		6	.0089
3	5220-749-8665	2.0625-16UNS-2A W (2.0625-16N-2A W)*	2.0149	2.0609 + .0006	2.0420 - .0006	2.01490 + .00025	.00015		8	.0078
3	5220-749-8666	2.0625-16UNS-3A W (2.0625-16N-3A W)*	2.0179	2.0625 + .0006	2.0450 - .0006	2.01790 + .00025	.00015		8	.0078
3	5220-749-8677	2.1875-16UNS-2A W (2.1875-16N-2A W)*	2.1399	2.1859 + .0006	2.1670 - .0006	2.13990 + .00025	.00015		8	.0078
3	5220-749-8678	2.1875-16UNS-3A W (2.1875-16N-3A W)*	2.1429	2.1875 + .0006	2.1700 - .0006	2.14290 + .00025	.00015		8	.0078
3	5220-749-8692	2.3125-16UNS-2A W (2.3125-16N-2A W)*	2.2647	2.3108 + .0006	2.2918 - .0006	2.26470 + .00025	.00015		8	.0078
3	5220-749-8693	2.3125-16UNS-3A W (2.3125-16N-3A W)*	2.2678	2.3125 + .0006	2.2949 - .0006	2.26780 + .00025	.00015		8	.0078
3	5220-749-8701	2.4375-16UNS-2A W (2.4375-16N-2A W)*	2.3897	2.4358 + .0006	2.4168 - .0006	2.38970 + .00025	.00015		8	.0078
3	5220-749-8702	2.4375-16UNS-3A W (2.4375-16N-3A W)*	2.3928	2.4375 + .0006	2.4199 - .0006	2.39280 + .00025	.00015		8	.0078
3	5220-749-8824	4.2500-8UN-2A W (4.2500-8N-2A W)*	4.1567	2.2472 + .0011	4.2108 - .0011	4.1567 + .0003	.00025		5	.0156
3	5220-749-8825	4.2500-8UN-3A W (4.2500-8N-3A W)*	4.1618	4.2500 + .0011	4.2159 - .0011	4.1618 + .0003	.00025		5	.0156

* Thread designation as previously listed.

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Table III. Tabulation of Design and Identification Data - Special (UNS) Threads (Continued)

MARKING ON GAGE HANDLE			TRUNCATED THREAD SETTING PLUG GAGE DIMENSIONS						
MIL-STD PART NUMBER	THREAD DESIGNATION	LO PITCH DIA	MAJOR DIA FULL PORTION	MAJOR DIA TRUNCATED PORTION	PITCH DIAMETER	TOL ON LEAD	HALF ANGLE TOL	ROOT CLEAR	
A	B	C	D	E	F	G	H	J	K
3	5220-749-8832	4.5000-8UN-2A W (4.5000-8N-2A W)*	4.4066	4.4972 + .0011	4.4607 - .0011	4.4066 + .0003	.00025	5	.0156
3	5220-749-8833	4.5000-8UN-3A W (4.5000-8N-3A W)*	4.4117	4.5000 + .0011	4.4658 - .0011	4.4117 + .0003	.00025	5	.0156
3	5220-749-8840	4.7500-8UN-2A W (4.7500-8N-2A W)*	4.6564	4.7471 + .0011	4.7105 - .0011	4.6564 + .0003	.00025	5	.0156
3	5220-749-8841	4.7500-8UN-3A W (4.7500-8N-3A W)*	4.6616	4.7500 + .0011	4.7157 - .0011	4.6616 + .0003	.00025	5	.0156
3	5220-749-8848	5.0000-8UN-2A W (5.0000-8N-2A W)*	4.9062	4.9971 + .0011	4.9603 - .0011	4.9062 + .0003	.00025	5	.0156
3	5220-749-8849	5.0000-8UN-3A W (5.0000-8N-3A W)*	4.9116	5.0000 + .0011	4.9657 - .0011	4.9116 + .0003	.00025	5	.0156
3	5220-749-8856	5.2500-8UN-2A W (5.2500-8N-2A W)*	5.1561	5.2471 + .0011	5.2102 - .0011	5.1561 + .0003	.00025	5	.0156
3	5220-749-8857	5.2500-8UN-3A W (5.2500-8N-3A W)*	5.1615	5.2500 + .0011	5.2156 - .0011	5.1615 + .0003	.00025	5	.0156
3	5220-749-8864	5.5000-8UN-2A W (5.5000-8N-2A W)*	5.4059	5.4970 + .0011	5.4600 - .0011	5.4059 + .0003	.00025	5	.0156
3	5220-749-8865	5.5000-8UN-3A W (5.5000-8N-3A W)*	5.4114	5.5000 + .0011	5.4655 - .0011	5.4114 + .0003	.00025	5	.0156
3	5220-749-8872	5.7500-8UN-2A W (5.7500-8N-2A W)*	5.6558	5.7470 + .0011	5.7099 - .0011	5.6558 + .0003	.00025	5	.0156
3	5220-749-8873	5.7500-8UN-3A W (5.7500-8N-3A W)*	5.6613	5.7500 + .0011	5.7154 - .0011	5.6613 + .0003	.00025	5	.0156
3	5220-749-8880	6.0000-8UN-2A W (6.0000-8N-2A W)*	5.9056	5.9970 + .0011	5.9597 - .0011	5.9056 + .0003	.00025	5	.0156
3	5220-749-8881	6.0000-8UN-3A W (6.0000-8N-3A W)*	5.9112	6.0000 + .0011	5.9653 - .0011	5.9112 + .0003	.00025	5	.0156

Note: The length of engagement for 8UN thread series is equal to the nominal diameter.

Note: The length of engagement for 8UN thread series is equal to the nominal diameter.

* Thread designation as previously listed

Table IV. Listing of Mil-Std Part Numbers in Numerical Sequence

MIL-STD PART NUMBER	PAGE NO. *	MIL-STD PART NUMBER	PAGE NO. *	MIL-STD PART NUMBER	PAGE NO. *	MIL-STD PART NUMBER	PAGE NO. *	MIL-STD PART NUMBER	PAGE NO. *
A	B	A	B	A	B	A	B	A	B
5220-749-8366	7	5220-749-8394	51	5220-749-8422	9	5220-749-8450	52	5220-749-8478	53
5220-749-8367	7, 51	5220-749-8395	8	5220-749-8423	9	5220-749-8451	11	5220-749-8479	14
5220-749-8368	7	5220-749-8396	8	5220-749-8424	52	5220-749-8452	11	5220-749-8480	14
5220-749-8369	7	5220-749-8397	51	5220-749-8425	9	5220-749-8453	53	5220-749-8481	53
5220-749-8370	51	5220-749-8398	8	5220-749-8426	9	5220-749-8454	11	5220-749-8482	14
5220-749-8371	7	5220-749-8399	8	5220-749-8427	52	5220-749-8455	11	5220-749-8483	14
5220-749-8372	7	5220-749-8400	51	5220-749-8428	9	5220-749-8456	53	5220-749-8484	53
5220-749-8373	51	5220-749-8401	8	5220-749-8429	10	5220-749-8457	53, 65	5220-749-8485	53
5220-749-8374	7	5220-749-8402	8	5220-749-8430	52	5220-749-8458	12	5220-749-8486	15
5220-749-8375	7	5220-749-8403	51	5220-749-8431	10	5220-749-8459	12, 53	5220-749-8487	15
5220-749-8376	51	5220-749-8404	8	5220-749-8432	10, 52	5220-749-8460	12	5220-749-8488	53
5220-749-8377	7	5220-749-8405	8	5220-749-8433	10	5220-749-8461	12	5220-749-8489	15
5220-749-8378	7	5220-749-8406	51	5220-749-8434	10	5220-749-8462	53	5220-749-8490	15
5220-749-8379	51	5220-749-8407	8	5220-749-8435	52	5220-749-8463	12	5220-749-8491	54
5220-749-8380	7	5220-749-8408	8	5220-749-8436	10	5220-749-8464	12	5220-749-8492	54
5220-749-8381	7	5220-749-8409	51	5220-749-8437	10	5220-749-8465	53	5220-749-8493	15
5220-749-8382	51	5220-749-8410	9	5220-749-8438	52	5220-749-8466	12	5220-749-8494	15
5220-749-8383	7	5220-749-8411	9	5220-749-8439	10	5220-749-8467	12	5220-749-8495	54
5220-749-8384	7	5220-749-8412	52	5220-749-8440	10	5220-749-8468	53	5220-749-8496	15
5220-749-8385	51	5220-749-8413	9	5220-749-8441	52	5220-749-8469	13	5220-749-8497	16
5220-749-8386	7	5220-749-8414	9	5220-749-8442	11	5220-749-8470	13	5220-749-8498	54
5220-749-8387	8	5220-749-8415	52	5220-749-8443	11	5220-749-8471	53	5220-749-8499	54
5220-749-8388	51	5220-749-8416	9	5220-749-8444	52	5220-749-8472	13	5220-749-8500	54
5220-749-8389	8	5220-749-8417	9	5220-749-8445	11	5220-749-8473	13	5220-749-8501	16
5220-749-8390	8	5220-749-8418	52	5220-749-8446	11	5220-749-8474	53	5220-749-8502	16
5220-749-8391	51	5220-749-8419	9	5220-749-8447	52	5220-749-8475	13	5220-749-8503	54
5220-749-8392	8	5220-749-8420	9	5220-749-8448	11	5220-749-8476	13	5220-749-8504	17
5220-749-8393	8	5220-749-8421	52	5220-749-8449	11	5220-749-8477	53	5220-749-8505	17

* Applicable page number in table I, II, or III for design and identification data

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ORDA 1 Table IV. Listing of Mil-Std Part Numbers in Numerical Sequence (Continued)

MIL-STD PART NUMBER	PAGE NO. *	MIL-STD PART NUMBER		PAGE NO. *	MIL-STD PART NUMBER		PAGE NO. *	MIL-STD PART NUMBER		PAGE NO. *	MIL-STD PART NUMBER		PAGE NO. *
		A	B		A	B		A	B		A	B	
5220-749-8506	54	5220-749-8534	19, 55	5220-749-8562	22	5220-749-8590	56	5220-749-8618	57	5220-749-8646	57	5220-749-8674	57
5220-749-8507	54	5220-749-8535	19	5220-749-8563	56	5220-749-8591	57	5220-749-8619	27	5220-749-8647	27	5220-749-8675	27
5220-749-8508	17	5220-749-8536	19, 55	5220-749-8564	21, 56	5220-749-8592	25	5220-749-8620	27	5220-749-8648	27	5220-749-8676	27
5220-749-8509	17	5220-749-8537	20	5220-749-8565	22	5220-749-8593	25	5220-749-8621	57	5220-749-8649	57	5220-749-8677	57
5220-749-8510	54	5220-749-8538	20	5220-749-8566	22	5220-749-8594	57	5220-749-8622	57	5220-749-8650	57	5220-749-8678	57
5220-749-8511	17, 54	5220-749-8539	55	5220-749-8567	56	5220-749-8595	25	5220-749-8623	28	5220-749-8651	28	5220-749-8679	28
5220-749-8512	17	5220-749-8540	20	5220-749-8568	23	5220-749-8596	25	5220-749-8624	28	5220-749-8652	28	5220-749-8680	28
5220-749-8513	17, 54	5220-749-8541	20	5220-749-8569	23	5220-749-8597	57	5220-749-8625	57	5220-749-8653	57	5220-749-8681	57
5220-749-8514	54	5220-749-8542	55	5220-749-8570	56	5220-749-8598	25	5220-749-8626	28	5220-749-8654	28	5220-749-8682	28
5220-749-8515	54	5220-749-8543	20	5220-749-8571	56	5220-749-8599	25	5220-749-8627	28	5220-749-8655	28	5220-749-8683	28
5220-749-8516	18	5220-749-8544	20	5220-749-8572	23	5220-749-8600	57	5220-749-8628	58	5220-749-8656	58	5220-749-8684	58
5220-749-8517	18	5220-749-8545	55	5220-749-8573	23	5220-749-8601	25	5220-749-8629	29	5220-749-8657	29	5220-749-8685	29
5220-749-8518	54	5220-749-8546	55	5220-749-8574	56	5220-749-8602	25	5220-749-8630	29	5220-749-8658	29	5220-749-8686	29
5220-749-8519	18	5220-749-8547	20	5220-749-8575	23	5220-749-8603	57	5220-749-8631	58	5220-749-8659	58	5220-749-8687	58
5220-749-8520	18	5220-749-8548	20, 55	5220-749-8576	23	5220-749-8604	57	5220-749-8632	29	5220-749-8660	29	5220-749-8688	29
5220-749-8521	55	5220-749-8549	21	5220-749-8577	56	5220-749-8605	26	5220-749-8633	29	5220-749-8661	58	5220-749-8689	58
5220-749-8522	18	5220-749-8550	21	5220-749-8578	23	5220-749-8606	26	5220-749-8634	58	5220-749-8662	58	5220-749-8690	58
5220-749-8523	18	5220-749-8551	55	5220-749-8579	23	5220-749-8607	57	5220-749-8635	29	5220-749-8663	29	5220-749-8691	29
5220-749-8524	55	5220-749-8552	21, 55	5220-749-8580	56	5220-749-8608	57	5220-749-8636	29	5220-749-8664	58	5220-749-8692	58
5220-749-8525	65	5220-749-8553	21	5220-749-8581	23	5220-749-8609	27	5220-749-8637	58	5220-749-8665	30	5220-749-8693	30
5220-749-8526	65	5220-749-8554	21, 56	5220-749-8582	24	5220-749-8610	27	5220-749-8638	30	5220-749-8666	30	5220-749-8694	30
5220-749-8527	65	5220-749-8555	21	5220-749-8583	56	5220-749-8611	57	5220-749-8639	30	5220-749-8667	58	5220-749-8695	58
5220-749-8528	18, 55	5220-749-8556	22	5220-749-8584	56	5220-749-8612	27	5220-749-8640	58	5220-749-8668	30	5220-749-8696	30
5220-749-8529	19	5220-749-8557	56	5220-749-8585	24	5220-749-8613	27	5220-749-8641	30	5220-749-8669	30	5220-749-8697	30
5220-749-8530	19, 55	5220-749-8558	22	5220-749-8586	24	5220-749-8614	57	5220-749-8642	30	5220-749-8670	30	5220-749-8698	30
5220-749-8531	19	5220-749-8559	22	5220-749-8587	56	5220-749-8615	27	5220-749-8643	58	5220-749-8671	58	5220-749-8699	58
5220-749-8532	19	5220-749-8560	56	5220-749-8588	24	5220-749-8616	27	5220-749-8644	30	5220-749-8672	30	5220-749-8700	30
5220-749-8533	55	5220-749-8561	22	5220-749-8589	24	5220-749-8617	57	5220-749-8645	30	5220-749-8673	30	5220-749-8701	30

* Applicable page number in table I, II or III for design and identification data

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Table IV. Listing of Mil-Std Part Numbers in Numerical Sequence (Continued)

MIL-STD PART NUMBER	PAGE NO. *	MIL-STD PART NUMBER	PAGE NO. *	MIL-STD PART NUMBER	PAGE NO. *	MIL-STD PART NUMBER	PAGE NO. *	MIL-STD PART NUMBER	PAGE NO. *
5220-749-8646	58	5220-749-8674	32	5220-749-8702	65	5220-749-8730	60	5220-749-8758	38
5220-749-8647	30	5220-749-8675	32	5220-749-8703	59	5220-749-8731	36	5220-749-8759	38
5220-749-8648	30	5220-749-8676	59	5220-749-8704	34	5220-749-8732	36	5220-749-8760	60
5220-749-8649	58	5220-749-8677	65	5220-749-8705	34	5220-749-8733	60	5220-749-8761	39
5220-749-8650	31	5220-749-8678	65	5220-749-8706	59	5220-749-8734	37	5220-749-8762	39
5220-749-8651	31	5220-749-8679	59	5220-749-8707	34	5220-749-8735	37	5220-749-8763	61
5220-749-8652	58	5220-749-8680	33	5220-749-8708	34	5220-749-8736	60	5220-749-8764	39
5220-749-8653	31	5220-749-8681	33	5220-749-8709	59	5220-749-8737	37	5220-749-8765	39
5220-749-8654	31	5220-749-8682	59	5220-749-8710	35	5220-749-8738	37	5220-749-8766	61
5220-749-8655	58	5220-749-8683	33	5220-749-8711	35	5220-749-8739	60	5220-749-8767	39
5220-749-8656	31	5220-749-8684	33	5220-749-8712	59	5220-749-8740	37	5220-749-8768	39
5220-749-8657	32	5220-749-8685	59	5220-749-8713	35	5220-749-8741	37	5220-749-8769	61
5220-749-8658	58	5220-749-8686	33	5220-749-8714	35	5220-749-8742	60	5220-749-8770	39
5220-749-8659	32	5220-749-8687	33	5220-749-8715	59	5220-749-8743	37	5220-749-8771	39
5220-749-8660	32	5220-749-8688	59	5220-749-8716	35	5220-749-8744	37	5220-749-8772	61
5220-749-8661	58	5220-749-8689	33	5220-749-8717	35	5220-749-8745	60	5220-749-8773	39
5220-749-8662	32	5220-749-8690	33	5220-749-8718	60	5220-749-8746	37	5220-749-8774	40
5220-749-8663	32	5220-749-8691	59	5220-749-8719	35	5220-749-8747	38	5220-749-8775	61
5220-749-8664	58	5220-749-8692	65	5220-749-8720	35	5220-749-8748	60	5220-749-8776	40
5220-749-8665	65	5220-749-8693	65	5220-749-8721	60	5220-749-8749	38	5220-749-8777	40
5220-749-8666	65	5220-749-8694	59	5220-749-8722	36	5220-749-8750	38	5220-749-8778	61
5220-749-8667	58	5220-749-8695	34	5220-749-8723	36	5220-749-8751	60	5220-749-8779	40
5220-749-8668	32	5220-749-8696	34	5220-749-8724	60	5220-749-8752	38	5220-749-8780	40
5220-749-8669	32	5220-749-8697	59	5220-749-8725	36	5220-749-8753	38	5220-749-8781	61
5220-749-8670	58	5220-749-8698	34	5220-749-8726	36	5220-749-8754	60	5220-749-8782	40
5220-749-8671	32	5220-749-8699	34	5220-749-8727	60	5220-749-8755	38	5220-749-8783	40
5220-749-8672	32	5220-749-8700	59	5220-749-8728	36	5220-749-8756	38	5220-749-8784	61
5220-749-8673	59	5220-749-8701	65	5220-749-8729	36	5220-749-8757	60	5220-749-8785	40

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ORDM No. Table IV. Listing of Mil-Std Part Numbers in Numerical Sequence (Continued)

MIL-STD PART NUMBER		PAGE NO. *	MIL-STD PART NUMBER		PAGE NO. *	MIL-STD PART NUMBER		PAGE NO. *	MIL-STD PART NUMBER		PAGE NO. *	MIL-STD PART NUMBER		PAGE NO. *
A	B		A	B		A	B		A	B		A	B	
5220-749-8786	40		5220-749-8814	62		5220-749-8842	62		5220-749-8870	48		5220-751-6814	16	
5220-749-8787	61		5220-749-8815	42		5220-749-8843	45		5220-749-8871	48		5220-751-6815	16	
5220-749-8788	41		5220-749-8816	42		5220-749-8844	45		5220-749-8872	66		5220-751-6816	16	
5220-749-8789	41		5220-749-8817	62		5220-749-8845	62		5220-749-8873	66		5220-751-6817	16	
5220-749-8790	61		5220-749-8818	42		5220-749-8846	45		5220-749-8874	63		5220-751-6818	17	
5220-749-8791	41		5220-749-8819	42		5220-749-8847	45		5220-749-8875	48		5220-751-6819	17	
5220-749-8792	41		5220-749-8820	62		5220-749-8848	66		5220-749-8876	48		5220-751-6820	17	
5220-749-8793	61		5220-749-8821	43		5220-749-8849	66		5220-749-8877	63		5220-751-6821	17	
5220-749-8794	41		5220-749-8822	43		5220-749-8850	63		5220-749-8878	48		5220-751-6822	18	
5220-749-8795	41		5220-749-8823	62		5220-749-8851	46		5220-749-8879	48		5220-751-6823	18	
5220-749-8796	61		5220-749-8824	65		5220-749-8852	46		5220-749-8880	66		5220-751-6824	18	
5220-749-8797	41		5220-749-8825	65		5220-749-8853	63		5220-749-8881	66		5220-751-6825	18	
5220-749-8798	41		5220-749-8826	62		5220-749-8854	46		5220-749-8882	63		5220-751-6826	19	
5220-749-8799	61		5220-749-8827	43		5220-749-8855	46		5220-749-8883	49		5220-751-6827	20	
5220-749-8800	41		5220-749-8828	43		5220-749-8856	66		5220-749-8884	49		5220-751-6828	20	
5220-749-8801	41		5220-749-8829	62		5220-749-8857	66		5220-749-8885	63		5220-751-6829	21	
5220-749-8802	61		5220-749-8830	43		5220-749-8858	63		5220-749-8886	49		5220-751-6830	22	
5220-749-8803	41		5220-749-8831	44		5220-749-8859	47		5220-749-8887	49		5220-751-6831	23	
5220-749-8804	41		5220-749-8832	66		5220-749-8860	47		5220-751-6804	9		5220-751-6832	23	
5220-749-8805	61		5220-749-8833	66		5220-749-8861	63		5220-751-6805	9		5220-751-6833	24	
5220-749-8806	42		5220-749-8834	62		5220-749-8862	47		5220-751-6806	52		5220-751-6834	24	
5220-749-8807	42		5220-749-8835	44		5220-749-8863	47		5220-751-6807	65		5220-751-6835	25	
5220-749-8808	62		5220-749-8836	44		5220-749-8864	66		5220-751-6808	13		5220-751-6836	25	
5220-749-8809	42		5220-749-8837	62		5220-749-8865	66		5220-751-6809	13		5220-751-6837	25	
5220-749-8810	42		5220-749-8838	44		5220-749-8866	63		5220-751-6810	14		5220-751-6838	26	
5220-749-8811	62		5220-749-8839	44		5220-749-8867	47		5220-751-6811	14		5220-751-6839	26	
5220-749-8812	42		5220-749-8840	66		5220-749-8868	48		5220-751-6812	15		5220-751-6840	26	
5220-749-8813	42		5220-749-8841	66		5220-749-8869	63		5220-751-6813	15		5220-751-6841	21	

* Applicable page number in table I, II, or III for design and identification data

Table IV. Listing of Nil-Std Part Numbers in Numerical Sequence (Continued)

[illegible]

* Applicable page number in table I, II, or III for design and identification data

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Table IV. Listing of Mil-Std Part Numbers in Numerical Sequence (Continued)

MIL-STD PART NUMBER	PAGE NO. *		MIL-STD PART NUMBER	PAGE NO. *		MIL-STD PART NUMBER	PAGE NO. *		MIL-STD PART NUMBER	PAGE NO. *	
	A	B		A	B		A	B		A	B
7519336	29		7519364	33		7519392	37		7519420	43	
7519337	29		7519365	33		7519393	38		7519421	43	
7519338	30		7519366	34		7519394	38		7519422	43	
7519339	30		7519367	34		7519395	38		7519423	43	
7519340	30		7519368	34		7519396	38		7519424	43	
7519341	30		7519369	34		7519397	38		7519425	43	
7519342	30		7519370	34		7519398	38		7519426	43	
7519343	30		7519371	34		7519399	39		7519427	43	
7519344	30		7519372	34		7519400	39		7519428	43	
7519345	31		7519373	35		7519401	39		7519429	44	
7519346	31		7519374	35		7519402	39		7519430	44	
7519347	31		7519375	35		7519403	39		7519431	44	
7519348	31		7519376	35		7519404	39		7519432	44	
7519349	31		7519377	35		7519405	40		7519433	44	
7519350	31		7519378	35		7519406	40		7519434	44	
7519351	31		7519379	35		7519407	40		7519435	44	
7519352	31		7519380	36		7519408	40		7519436	44	
7519353	31		7519381	36		7519409	40		7519437	44	
7519354	31		7519382	36		7519410	40		7519438	44	
7519355	32		7519383	36		7519411	41		7519439	45	
7519356	32		7519384	36		7519412	41		7519440	45	
7519357	32		7519385	36		7519413	41		7519441	45	
7519358	32		7519386	36		7519414	42		7519442	45	
7519359	33		7519387	37		7519415	42		7519443	45	
7519360	33		7519388	37		7519416	42		7519444	45	
7519361	33		7519389	37		7519417	42		7519445	45	
7519362	33		7519390	37		7519418	42		7519446	45	
7519363	33		7519391	37		7519419	43		7519447	45	

* Applicable page number in table I, II or III for design and identification data

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0222 Table IV. Listing of Mil-Std Part Numbers in Numerical Sequence (Continued)

MIL-STD PART NUMBER	PAGE NO.*	MIL-STD PART NUMBER		PAGE NO.*		MIL-STD PART NUMBER		PAGE NO.*		MIL-STD PART NUMBER		PAGE NO.*	
		A	B	A	B	A	B	A	B	A	B	A	B
7519476	48												
7519477	48												
7519478	48												
7519479	49												
7519480	49												
7519481	49												
7519482	49												

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15 March 1963

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Preparing Activity

Army - MU

SPECIFICATION ANALYSIS SHEET		Form Approved Budget Bureau No. 1.9-R004
<p style="text-align: center;">INSTRUCTIONS</p> <p>This sheet is to be filled out by personnel either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity (as indicated on reverse hereof).</p>		
SPECIFICATION		
ORGANIZATION (Of submitter)		CITY AND STATE
CONTRACT NO.	QUANTITY OF ITEMS PROCURED	DOLLAR AMOUNT \$
MATERIAL PROCURED UNDER A		
<input type="checkbox"/> DIRECT GOVERNMENT CONTRACT <input type="checkbox"/> SUBCONTRACT		
1. HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?		
A. GIVE PARAGRAPH NUMBER AND WORDING.		
B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES.		
2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID		
3. IS THE SPECIFICATION RESTRICTIVE?		
<input type="checkbox"/> YES <input type="checkbox"/> NO IF "YES", IN WHAT WAY?		
4. REMARKS (Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity)		
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