

FED. SUPPLY CLASS

5306

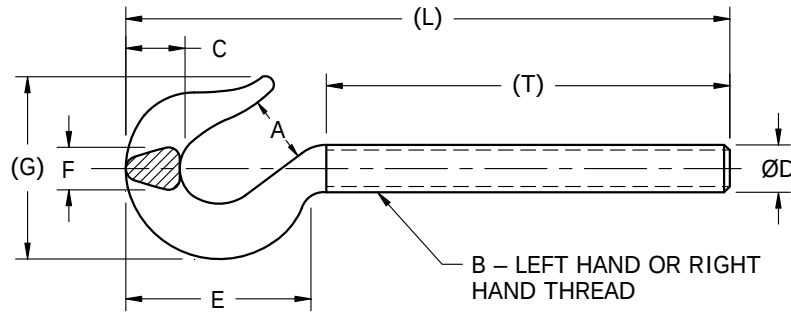


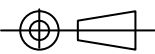
TABLE I – DIMENSIONS

DASH NO.		ØD NOM	B THREADS UNC-2A	A MIN	C MIN	E MIN	F MIN	(G)	(L)	(T)	TURNBUCKLE CLEAR OPENING (REF)	RECOMMENDED WORKING LOAD LBF
LEFT HAND	RIGHT HAND											
1	2	1/4	20	.438	.375	1.000	.250	1.25	4.25	2.62	4.00	300
3	4	5/16	18	.500	.438	1.250	.312	1.47	4.88	3.00	4.50	500
5	6	3/8	16	.562	.500	1.562	.375	1.66	6.00	4.00	6.00	700
7	8	1/2	13	.625	.625	2.000	.500	2.06	6.75	4.25	6.00	1,040
9	10								8.25	5.75	9.00	
11	12								9.75	7.25	12.00	
13	14	5/8	11	.812	.750	2.438	.625	2.56	7.62	4.50	6.00	1,600
15	16								9.12	6.00	9.00	
17	18								10.62	7.50	12.00	
19	20								13.62	10.50	18.00	
21	22	3/4	10	.969	1.000	2.938	.750	3.09	8.50	4.75	6.00	2,000
23	24								10.00	6.25	9.00	
25	26								11.50	7.75	12.00	
27	28								14.50	10.75	18.00	
29	30								17.50	13.75	24.00	
31	32	7/8	9	1.125	1.000	3.438	.875	3.56	9.25	5.00	6.00	2,400
33	34								12.25	6.00	12.00	
35	36								15.25	11.00	18.00	
37	38	1	8	1.250	1.250	3.675	1.000	4.03	13.00	8.25	12.00	2,900
39	40								16.00	11.25	18.00	
41	42								19.00	14.25	24.00	
43	44								14.75	8.50	12.00	
45	46	1 1/4	7	1.500	1.500	4.938	1.062	5.97	17.75	11.50	18.00	4,600
47	48								20.75	14.50	24.00	
49	50	1 1/2	6	1.875	1.750	5.675	1.188	6.91	22.00	15.00	24.00	7,200

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS27953, REVISION B. PART NUMBERS REMAIN MS27953.

THIRD
ANGLE
PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION
1

PROCUREMENT
SPECIFICATION

TITLE

①

CLASSIFICATION
PART STANDARD

ASTM F1145

BOLT, HOOK, TURNBUCKLE, GENERAL PURPOSE

MS27953

SHEET 1 OF 2

MATERIAL:

STEEL – GRADE 1 (FORGED) PER PROCUREMENT SPECIFICATION.

FINISH:

ZINC COATED (HOT-DIP GALVANIZED) PER PROCUREMENT SPECIFICATION.

CODE:

THE PART NUMBER CONSISTS OF THE BASIC PART NUMBER, PLUS THE DASH NUMBER.

EXAMPLE OF PART NUMBER:

MS27953-1

NOTES:

- (1) THE THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28.
- (2) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (3) RECOMMENDED WORKING LOAD (SAFETY FACTOR 5 TO 1), BASED ON BREAKING STRENGTH AT THREAD ROOT.
- (4) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (5) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (6) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (7) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

REVISION

1

NASM27953

SHEET 2

1 COMPLETELY REVISED



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