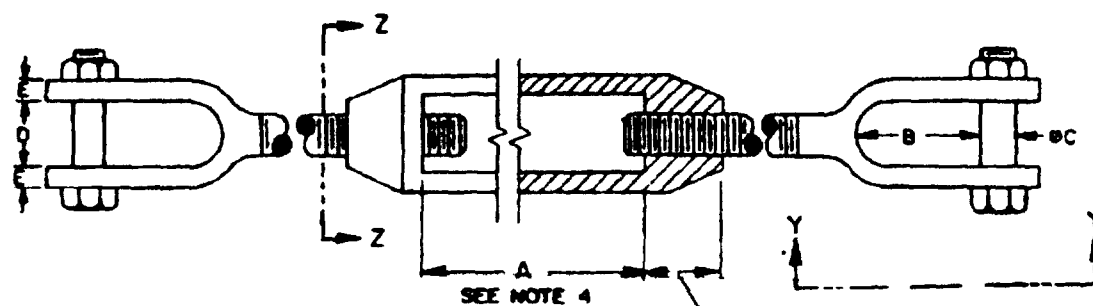
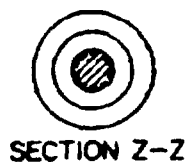


FED SUP CLAS
5340USER ACTIVITIES
ARMY-ME
NAVY-AS, MC, OS, YO**TURNBUCKLE ASSEMBLY**

SECTION Z-Z

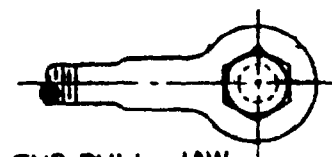
END PULL JAW
VIEW Y-Y

TABLE 1 DASH NUMBERS AND DIMENSIONS

JAW NUMBER	NOMINAL THREAD SIZE	JAW				
		A IN	B IN	BC IN	D IN	E IN
1	.250-20	4	.625	.250	.375	.125
2	.375-16	6	.812	.312	.500	.187
3	.500-13	9	1.032	.375	.675	.250
4	.625-11	12	1.250	.500	.750	.312
5	.750-10	15	1.500	.625	.937	.375
6	.875-9	18	1.750	.750	1.125	.437
7	1.000-8	24	2.000	.875	1.187	.500
8		30				
9		36				
10		42				
11		48				
12		54				
13		60				
14		66				
15		72				
16		78				
17		84				
18		90				
19		96				
20		102				
21		108				
22		114				

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REVIEWER ACTIVITIES
ARMY-CR
AIR FORCE-82
DLA-ISU.S. ARMY-AR
Other Code
NAVY-SH
AIR FORCE-99INTERNATIONAL
DIFFERENT

TITLE

TURNBUCKLE, ROUND BODY,
JAW AND JAW
(TYPE I, FORM I, CLASS 7)

MILITARY STANDARD

MS51562

PROCUREMENT SPECIFICATION
FF-T-791

SUPERSEDES

PAGE 1 OF 3

MRC K/S

DD FORM 672-1 (COORDINATED)

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5340-1802

USER ACTIVITIES:
ARMY-AR
NAVY-AS, MC, OS, YD

REVIEWER ACTIVITIES:
ARMY-AR
AIR FORCE-82
DLA-15

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TABLE 1 DASH NUMBERS AND DIMENSIONS - CONTINUED

FEB SUP CLASS
5340

DASH NUMBER	NOMINAL THREAD SIZE	JAW				
		A MIN	B MIN	C MIN	D MIN	E MIN
23 24 25 26	1.250-7	12 18 24 36	2.375	1.125	1.750	.625
27 28 29 30 31	1.500-6	12 18 24 36 48	2.750	1.375	2.062	.687
32 33 34 35	1.750-5	18 24 36 48	3.000	1.625	2.375	.750
36 37 38	2.000-4.5	24 36 48	3.750	1.875	2.500	.812
39 40 41	2.250-4.5	24 36 48	4.000	2.062	2.625	.875
42 43 44	2.500-4	24 36 48	4.250	2.250	2.875	1.000

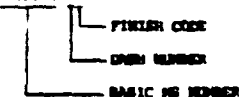
REQUIREMENTS:

- MATERIAL:** TURNBUCKLE BODY AND JAW PULLS SHALL BE MANUFACTURED FROM STEEL OF A COMPOSITION CAPABLE OF WITHSTANDING THE SPECIFIED BREAKING STRENGTH IN THE PROCUREMENT SPECIFICATION.
- FABRICATION METHOD:** THE TURNBUCKLE BODY AND JAW PULLS SHALL BE HOT FORGED.
- FINISH**
RUST INHIBITOR - TURNBUCKLE BODY AND JAW PULLS SHALL BE TREATED WITH RUST INHIBITOR IN ACCORDANCE WITH MIL-C-85054 OR EQUIVALENT.
ZINC COATING - TURNBUCKLE BODY AND JAW PULLS SHALL BE ZINC COATED AS SPECIFIED IN PROCUREMENT SPECIFICATION, ASTM B633, TYPE II, Pa/Pn 13.
- THREADS:** ONE END PULL AND THE CORRESPONDING HEAD BODY SHALL HAVE RIGHT HAND THREAD AND THE OTHER LEFT HAND. THE THREAD SHALL BE FINISHED AFTER FABRICATION OF END PULL AND THE HEAD BODY.
- LENGTH OF HEAD:** THE LENGTH OF THE HEAD OF THE TURNBUCKLE BODY SHALL BE NOT LESS THAN 1 1/2 TIMES THE NOMINAL THREAD SIZE FOR SIZES UP TO 1.250, AND 1 1/4 TIMES FOR SIZES GREATER THAN 1.250 NOMINAL THREAD SIZE.
- BREAKING STRENGTH:** THE BREAKING STRENGTH OF THE TURNBUCKLE SHALL BE NOT LESS THAN THE VALUE SPECIFIED IN THE PROCUREMENT SPECIFICATION FOR TYPE I, FORM 1, WITH JAW END PULLS.
- BENDING STRENGTH:** THE BENDING STRENGTH SHALL BE AS SPECIFIED IN THE PROCUREMENT SPECIFICATION.
- LENGTH OF THREAD:** THE LENGTH OF THE THREAD ON THE TWO END PULLS SHALL BE GREAT ENOUGH SO THAT THE ENDS OF THE END PULLS CAN BE BROUGHT INTO CONTACT WITH EACH OTHER AT THE MIDDLE OF THE BODY LENGTH.
- PART NUMBER:** THE PART NUMBER SHALL CONSIST OF THE BASIC NO NUMBER, FOLLOWED BY A DASH NUMBER FROM TABLE 1 AND THE FINISH CODE BELOW.

FINISH CODE.

F - RUST INHIBITOR TREATMENT
Z - ZINC COATED.

EXAMPLE: MS51562-7Z



MS51562-7Z INDICATES TURNBUCKLE, ROUND BODY, JAW ENDS; .625-11 THREAD, 6-INCH CLEAR OPENING BETWEEN ENDS; ZINC COATED

ARMY-AR Other Code NAVY-8H AIR FORCE-99	INTERNATIONAL INTEREST	TITLE TURNBUCKLE, ROUND BODY, JAW AND JAW (TYPE I, FORM 1, CLASS 7)	MILITARY STANDARD MS51562
PROCUREMENT SPECIFICATION FF-T-791	SUPERSEDES	PAGE 2 OF 3	

FED SUP CLASS
5340

NOTES.

1. ALL DIMENSIONS ARE IN INCHES. TOLERANCES SHALL BE IN ACCORDANCE WITH STANDARD MANUFACTURING PRACTICES FOR TURNBUCKLES.
2. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
3. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.
4. DIMENSION "A" IS THE TAKE UP LENGTH OR CLEAR OPENING OF THE BODY.

USER ACTIVITIES
ARMY - ME
NAVY - AB, MC, OS, YD

REVIEWER ACTIVITIES
ARMY - CR
AIR FORCE - 82
DLA - 13

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ARMY-AR Other Code NAVY-SH AIR FORCE-98	INTERNATIONAL INTEREST	TITLE TURNBUCKLE, ROUND BODY, JAW AND JAW (TYPE I, FORM I, CLASS 7)	MILITARY STANDARD MS51562
PROCUREMENT SPECIFICATION FF-T-79)	SUPERSEDES	PAGE 3 OF 3	

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APPROVED 9 FEB 1988 000100