FED. SUP. CLASS 5306 BREAK SHARP CORNER :D CONE 1966 REVISED (A) 19 AUGUST standard where suitable. APPROVED 8 MAY 1957 (Project 5306-N008Sh) (A) For changes see sheets 1 through 3 CUSTODIANS GTHER INT. MS16201 (SHIPS) A -H -AF -BOLTS, LAG, CONE POINT, COUNTERSUNK FLATHEAD, SLOTTED, COPPER-SILICON ALLOY, NONMAGNETIC Ships FF-B-561 SHEET 1

A74533

Waval Ship Engineering Center, Department of the Navy, and All other military activities are required to employ this

This standard has been approved by the Naval

is mandatory for use by that activity.

DD FORM 672

OCT 52

This standard has been approved by the Naval Ship Engineering Center, Department of the Navy, and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

FED, SUP. CLASS 5306

THROUGH

REVISED (A) FOR CHANGES SEE SHEETS 1

8 MAY 1957

APPROVED

(D)	O) Nominal size				1/2		5/8	3/4		
	Threads per inch			- 6 5			4-1/2			
	Nom.) Head diameter Max. Min.						125		. 500	
)				1.032			1, 157		1. 532	
1				0.	0.968 1.093		1. 468			
	Nom.				343	. 430		. 516		
(H)				. 375		. 462		. 548		
` '	Min.			.311 .398		. 484				
(F)	Width of	flat	Min.		125	. 156		. 187		
			Max.		. 106		. 133		. 149	
(3)	(J) Width of slot Min.				.091 .116			. 131		
1			Max.	. 103			. 137		. 171	
(C)	Depth of	siot	Min.		065	.085		. 111		
(S)	Length o	fshould			156	. 312		. 375		
TD,	Diameter	of shar	nk ¹ Min.		371	. 471		. 579		
(P)					167	. 200		. 222		
(B)	Flat at r	oot			.072 .086			. 096		
一				.064 .077		. 085				
(R)				<u> </u>	371	. 471		. 579		
177/	Moot dia			MS	1	MS		MS		
(L)	Length	Length	tolerance	part	FIIN		TOTTAT		FIIN	
1 (17)	Tienda						P 111N -	ו זיד אחו		
	•	1/2	5/8 - 3/4		1	part No	FIIN	part No.	FIIIN	
		1/2 di a.	5/8 - 3/4 dia.	No.	7.11.1	No.	FIIIN	No.	FIIN	
				No.			E.III) -		FIIN	
	1-1/2			No.	, <u>, , , , , , , , , , , , , , , , , , </u>	No.	FIIN		FIIN	
	1-1/2			No.		No. 14	FIIN	No.	FIIN	
	1-1/2 2 2-1/2			No.	,	No. 14 15	FIIN	No.	FIIN	
	1-1/2 2 2-1/2 3	dia,		No. 1 2 3 4		No. 14 15 16	FIIN	No 27 28	FIIN	
	1-1/2 2 2-1/2 3 3-1/2			No. 1 2 3 4 5		No. 14 15 16 17	FIIIN	No 27 28 29	FIIN	
	1-1/2 2 2-1/2 3 3-1/2 4	dia,		No. 1 2 3 4 5 6		No. 14 15 16 17 18	FIIIN	No. 27 28 29 30	FIIN	
	1-1/2 2 2-1/2 3 3-1/2	dia,	dia.	No. 1 2 3 4 5 6 7		No. 14 15 16 17 18 19	FIIN	No. 27 28 29 30 31	TIN	
	1-1/2 2 2-1/2 3 3-1/2 4	dia,		No. 1 2 3 4 5 6 7 8		No. 14 15 16 17 18 19 20	FIIIN	No. 27 28 29 30 31 32	·	
	1-1/2 2 2-1/2 3 3-1/2 4 4-1/2 5	dia,	dia.	No. 1 2 3 4 5 6 7		No. 14 15 16 17 18 19	FIIIN	No. 27 28 29 30 31	·	
	1-1/2 2 2-1/2 3 3-1/2 4 4-1/2 5	dia,	dia.	No. 1 2 3 4 5 6 7 8		No. 14 15 16 17 18 19 20	FIIIN	No. 27 28 29 30 31 32 33 34	·	
	1-1/2 2 2-1/2 3 3-1/2 4 4-1/2 5 6	dia,	dia.	No. 1 2 3 4 5 6 7 8 9 10		No. 14 15 16 17 18 19 20 21 22	FIIIN	No. 27 28 29 30 31 32 33	·	
	1-1/2 2 2-1/2 3 3-1/2 4 4-1/2 5 6	<u>+</u> 1/8	dia.	No. 1 2 3 4 5 6 7 8 9 10 11		No. 14 15 16 17 18 19 20 21 22 23	FIIIN	No. 27 28 29 30 31 32 33 34 35	TIM	
	1-1/2 2 2-1/2 3 3-1/2 4 4-1/2 5 6	dia,	dia.	No. 1 2 3 4 5 6 7 8 9 10 11 12		No. 14 15 16 17 18 19 20 21 22 23 24	FIIIN	No. 27 28 29 30 31 32 33 34 35 36	· · · · · · · · · · · · · · · · · · ·	
	1-1/2 2 2-1/2 3 3-1/2 4 4-1/2 5 6 7 8 9	<u>+</u> 1/8	dia.	No. 1 2 3 4 5 6 7 8 9 10 11		No. 14 15 16 17 18 19 20 21 22 23 24 25	FIIIN	No. 27 28 29 30 31 32 33 34 35 36 37		
	1-1/2 2 2-1/2 3 3-1/2 4 4-1/2 5 6	<u>+</u> 1/8	dia.	No. 1 2 3 4 5 6 7 8 9 10 11 12		No. 14 15 16 17 18 19 20 21 22 23 24	FIIIN	No. 27 28 29 30 31 32 33 34 35 36		

¹Threads shall be cut or rolled. The diameter of the rolled thread shank shall be as indicated by (D₁). All rolled thread lag bolts shall be provided with a shoulder (S).

CUSTODIANS	OTHER INT.	MILITARY STANDARD	MS16201
Ships	N - AF -	BOLTS, LAG, CONE POINT, COUNTERSUNK FLATHEAD, SLOTTED, COPPER-SILICON	(SHIPS)
Procurement Spe	cification	ALLOY, NONMAGNETIC	SHEET 2 OF 3

0D FORM 672 1 OCT 52 A78533

THROUGH

SHEETS

REVISED (A) FOR CHANGES SEE

8 MAY 1957

APPROVED

AMaterial:	Material	shall b	e copper	silicon	alloy in	accor	dance v	with	copper	alloy
	No. 6	51 of	QQ-C-5	591.						

Breaking strength: When tested in tension as specified in FF-B-561, the minimum breaking strength shall be as follows:

Size	•	Pounds
1/2 5/8		8,600 12,200
3/4		15, 800

Length of thread: The minimum thread length shall be 1/2 the length (L) of the lag bolts plus 1/2 inch. Bolts too short for minimum thread length shall be

threaded as close to the head as practicable.

Dimensions: All dimensions are inches unless otherwise specified.

Packaging and packing: Packaging and packing shall be in accordance with standard commercial practice.

Notes:

- 1. In case of conflict with any documents referenced herein this standard shall govern.
- 2. Referenced documents shall be the issue in effect on date of invitation for bids.

CUSTODI ANS	OTHER INT.	MILITARY STANDARD	MS 16201
Ships	N - AF -	BOLTS, LAG, CONE POINT, COUNTERSUNK FLATHEAD, SLOTTED, COPPER-SILICON	(SHIPS)
Procurement Spo A FF-B	eification -561	SUPERSEDES: ALLOY, NONMAGNETIC	SHEET 3 OF 3
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DD FORM 672 1 OCT 52