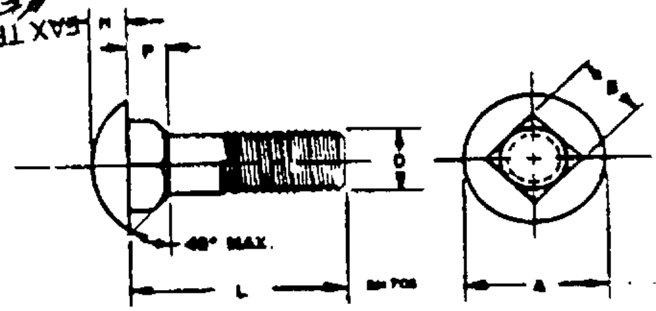
FED SUP CLASS
5306



FAX TRANSMITTAL
TO: Ken
CO: Pilgrim
DEPT.
FAX #
COMMENTS
# of Pages 2
FROM: Larry
DMD FASTENERS, INC.
PHONE: (973) 256-4010
FAX # (973) 256-0032

NOMINAL SIZE			1/4	5/16	3/8	7/16
THREADS PER INCH			20	18	16	14
(D) BODY DIAMETER		MAX.	0.260	0.324	0.386	0.452
(A) DIAMETER OF HEAD		MAX.	.594	.719	.813	.969
		MIN.	.563	.688	.782	.907
(H) HEIGHT OF HEAD		MAX.	.145	.176	.208	.239
		MIN.	.125	.156	.188	.219
(P) DEPTH OF SQUARE		MAX.	.156	.187	.219	.250
		MIN.	.125	.156	.188	.219
(B) WIDTH OF SQUARE		MAX.	.260	.324	.388	.452
		MIN.	.245	.307	.368	.431
(L) LENGTH	LENGTH TOLERANCE 1/4 to 3/8 DIA.	LENGTH TOLERANCE 7/16 DIA.	DASH NO.	DASH NO.	DASH NO.	DASH NO.
1/2			1	21	--	--
3/4			2	22	42	62
1			3	23	43	63
1-1/4			4	24	44	64
1-1/2			5	25	45	65
1-3/4			6	26	46	66
2			7	27	47	67
2-1/4	±1/32	±1/16	8	28	48	68
2-1/2			9	29	49	69
2-3/4			10	30	50	70
3			11	31	51	71
3-1/2			12	32	52	72
4			13	33	53	73
4-1/2			14	34	54	74
5			15	35	55	75
5-1/2			--	--	122	--
6			16	36	56	76
6-1/2			120	--	--	--
7			17	37	57	77
7-1/2	±1/16	±3/32	121	--	--	--
8			18	38	58	78
9			19	39	59	79
10			20	40	60	80
11			--	--	123	--
12			--	--	124	--
14			--	--	125	--
15			--	--	--	--
16			--	--	126	--
18			--	--	127	--
20			--	--	128	--
22			--	--	129	--
24			--	--	--	--

Ⓒ FOR CHANGE SEE SHEETS 1 AND 2

PROJECT 5306-0288

P.A. SHIPS Other Cust	TITLE BOLTS, SQUARE NECK, (CARRIAGE BOLT), ROUND HEAD, UNC-2A, COPPER-SILICON ALLOY, NONMAGNETIC	MILITARY STANDA MS16207(SHIP

This standard has been approved by the Naval Ship Engineering Center, Navy, and is mandatory for use by ... All other military activities are requested ... this standard where suitable.

NOMINAL SIZE			1/2	5/8	3/4
THREADS PER INCH			13	11	10
(D) BODY DIAMETER		MAX.	0.515	0.642	0.768
(A) DIAMETER OF HEAD		MAX.	1.094	1.313	1.563
		MIN.	1.032	1.219	1.460
(H) HEIGHT OF HEAD		MAX.	0.270	0.344	0.406
		MIN.	.250	.313	.375
(P) DEPTH OF SQUARE		MAX.	.281	.344	.406
		MIN.	.250	.313	.375
(B) WIDTH OF SQUARE		MAX.	.515	.642	.768
		MIN.	.492	.616	.741
(L) LENGTH	LENGTH TOLERANCE 1/2 DIA.	LENGTH TOLERANCE 5/8 - 3/4 DIA.	DASH NO.	DASH NO.	DASH NO.
1	±1/16	±1/8	81	---	---
1-1/2			82	95	108
2			83	96	109
2-1/2			84	97	110
3			85	98	111
3-1/2			86	99	112
4			87	100	113
4-1/2			88	101	114
5			89	102	115
6			90	103	116
7	±3/32	±3/16	91	104	---
7-1/2			130	---	117
[illegible]			92	105	[illegible]
8			93	107	119
9			[illegible]	---	---
10			131	139	141
11			132	---	---
12			133	---	---
14			134	140	142
15			135	---	---
16			136	---	---
18			137	---	---
20			138	---	143
[illegible]			---	[illegible]	

NOTES

1. MATERIAL: COPPER-SILICON ALLOY (SILICON BRONZE) SHALL BE IN ACCORDANCE WITH QQ-C-591 COPPER ALLOY NO. 651.
2. TENSILE STRENGTH: MINIMUM TENSILE STRENGTH OF BOLT SHALL BE 50,000 P.S.I.
3. PROTECTIVE COATING: NONE.
4. THREADS: THREADS SHALL BE UNC-2A IN ACCORDANCE WITH HANDBOOK H28.
5. THREAD LENGTH: FOR BOLTS 6 INCHES AND LESS IN LENGTH THE MINIMUM THREAD LENGTH SHALL BE TWICE THE NOMINAL SIZE PLUS 1/4 INCH. [redacted] 6 INCHES LONG THE MINIMUM THREAD LENGTH SHALL [redacted] NOMINAL SIZE PLUS 1/2 INCH. BOLTS TOO SHORT [redacted] THREAD LENGTH SHALL BE THREADED AS CLOSE [redacted] PRACTICABLE.
6. USE: COPPER-SILICON ALLOY BOLTS ARE INTENDED FOR USE IN SMAL[redacted] MAGNETIC MINESWEEPERS WHERE GOOD RESISTANCE TO SEA WA[redacted] REQUIRED.
7. DIMENSIONS: ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
8. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION [redacted] FOR BIDS.
9. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

has been approved by the Naval Ship Engineering Center
the Navy and is mandatory for use by
All other military activities are requested
standard where suitable.

P.A. SHIPS	TITLE	BOLTS, SQUARE NECK, (CARRIAGE BOLT), ROUND HEAD, UNC-2A, COPPER-SILICON	MILITARY STAN
Other Cust			MS16207(S