

T IZO* MIN
ACCEPTABLE SOCKET DESIGN

DASH NO	LENGTH HAX
02 05	875 •500
09 10	.500 .750

TARIF ! DIMENSIONS AND PART NUMBERS.

NCMINAL SIZE		. 190	.250	375	500
THREADS PER IN UNF - 3A	ICH	32	Se	24	20
ØD - BODY DIAME	TER MAX MIN	. 1900 1840	.250n 2425	.3750 .3678	.5000 4919
Ø A – HEAD DIAME	TER MAX	•3125 3030	.7750 3650	5625 5500	750 •7350
H - WEAD HEIGH	XAM T VIM	.1900 .1850	2500 -2440	-3750 3680	5000 4920
S - HEAD SIZF	MEIGHT MIN	1710	2250	3370	.4500
J - SOCKET WIE ACROSS FLA		1587 1562	1900 1875	3160 -3125	-3790 3750
T - KEY ENGAGE	MENT MIN	390 0	1200	1820	.2450
G - WALL TICKN	ess min	.0650	0950	1430	1900
F - CHAMFFR OR RADIUS	MAX	0050	0020	.0800	0100
R - FILLET EXTENSION	MAX MIN	-0140 0090	-0140 0090	020¢ 0150	.0260 .0200
MINIPUT TENSIL LCAD - LBS	E	3,200	5,800	14,000	26,000
L - LENGTH	TOLERANCF	DACH NO	DASH NO	DASH NO	DASH NC
500 750 1 000	+ 000 - 231	r1	C3 04	ű6	
1 250 1.500	+ 000		05.1/	07 28	
2.000 2.500	740	021/		091/	101/

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	S H 9 9	Į 		ALLÓ'	Y STEEL,	UNF-3A	1	4S 514	480	
P A Other Cust	AR INTERNATIONAL TITLE	TITLE	SCREW,	CAPSOCK	ET HEAD,		MILITA	RY STANDARD		
	_'∕GRIP	LENGTH MAX								APPROVED AUG
	1,									00
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REVISED

REQUIREMENTS

- MATERIAL. ALLOY STEEL IN ACCORDANCE WITH PROCURPMENT SPECIFICATION HAVING A MINIMUM TENSILF STRENGTH OF 160,000 PSI.
- 2. Finish. Zinc coating in accordance with astm 8533-78, Fe/Z $_{n}$ 5 (5 μm) Typf II.
- THREADS. THE THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/2. ACCEPTABILITY OF SCREW THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/20, SYSTEM 21.
- 4. THREAD LENGTH SCREWS, DASH NUMBERS 01, 03, 04, 06, 07, AND OS SHALL HAVE COMPLETE (FULL FORM) "HREADS EXTENDING WITHIN TWO THREADS OF THE HEAD AS MEASURED WITH A THREAD RING GAGE THREADS SHALL NOT EXTEND TO THE FILLET EXTENSION NOR SHALL THREADS EXTEND TO AND UNDERCUT THE HEAD OF THE SCREW
- 5. PART NUMBER. THE BASIC MS PART NUMBER IS FOLLOWED BY A DASH NUMBER FROM TABLE I

EXAMPLE: NS51480-01 - SCREW, CAP, SOCKET HEAD, ALLOY STEEL, 190-32UNF-3A, LENGTH 750, ZINC COATED

NOTES:

- 1. ALL DIMENSIONS ARE IN INCHES
- 2. THE HEAD MAY OR MAY NOT BE KNURLED AT THE MANUFACTURER'S OPTION. TYPE OF KNURLING OPTIONAL
- REFFRENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS OR REQUEST FOR PROPOSAL, EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.
- 4. FOR DESIGN FRATURE PURPOSES, THIS STANDARD TAKES PRECIDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN

P.A. Other Cust	AR INTERNATIONAL		SCREW, CAP, SOCKET HEAI	MILITARY STANDARD
	5 H 9 9		ALLOY STEEL, UNF-3A	
PROCUREM	ENT SPEC		SEDES	PAGE 2 OF 2

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 5305-1492

AUG 8