

FED SUP CLASS 5310												
DASH NO.	THREADS (MIL-S-8879)	A	WRENCHING ELEMENT	D		E	F	H		L	ULTIMATE STRENGTH LB MIN	MAX WEIGHT LB/100
		MAX		MAX	MIN	MIN	MAX	MIN	MIN			
-3	190-32 UNJF-3B	.305	.2508	445	415	.385	.220			.082	3,470	.93
-4	2500-28 UNJF-3B	.350	.3125	530	476	.416	.240	.018	.014	.096	8,200	.52
-5	3125-24 UNJF-3B	.385	.3750	640	574	.514	.343			.108	9,830	.91
-6	3750-24 UNJF-3B	.520	.4375	680	630	.610	.405	.067	.057	.147	15,200	1.58

WRENCHING ELEMENT SHALL BE IN ACCORDANCE WITH A8870

NOTES 1 MATERIALS NUT - STEEL UNS G40370 (AISI 4037) PER ASTM A322, A331, A519, A547  
UNS G86300 (AISI 8630) PER AMS 6280, 6281, 6355, 6530  
UNS G87400 (AISI 8740) PER AMS 6322, 6323, 6325, 6327, 6358  
WASHER - STEEL UNS G10350 (AISI 1035) PER QQ-S-635, QQ-S-700  
UNS G10420 (AISI 1042) PER QQ-S-635  
UNS G10500 (AISI 1050) PER AMS 5085  
UNS G11370 (AISI 1137) PER AMS 5024  
UNS G11374 PER AMS 5020  
UNS G41300 (AISI 4130) PER AMS 6348

2 FINISH (a) NUT CADMIUM PLATE, QQ-P-416, (TYPE AND CLASS OPTIONAL) PLUS MOLYBDENUM DISULFIDE DRY FILM LUBRICANT, AND SHALL MEET TYPE II SALT SPRAY REQUIREMENTS  
(b) WASHER CADMIUM PLATE QQ-P-416 TYPE II CLASS 2

3 SURFACE TEXTURE SHALL NOT EXCEED 1.0 BEFORE PLATING IN ACCORDANCE WITH ANSI B46.1

4 HARDNESS 48 HRC MAXIMUM

5 REMOVE ALL BURRS AND BREAK ALL SHARP EDGES

6 DIMENSIONS 1.1 INCHES DIMENSIONS APPLY AFTER PLATING AND BEFORE APPLICATION OF LUBRICANT

DESIGN AND USAGE NUT SHALL BE USED IN ACCORDANCE WITH MS33588. SIZES -3 THRU -5 DESIGNED PRIMARILY FOR USE ON IMPORTANT ELECTRICAL TERMINALS AND SIZE -6 DESIGNED FOR SPECIAL ACCESSORY MOUNTING INVOLVING KEYHOLE TYPE MOUNTING FLANGES

EXAMPLE OF PART NUMBER MS90 15-6 - 3750-24 NUT SELF LOCKING STEEL 160KSI 450°F  
12 POINT CAPTIVE WASHER

BIDS SHALL BE SOLICITED ONLY FROM THE MANUFACTURERS OR DISTRIBUTORS LISTED ON QPL-25027

FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. PRECEDENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF SUBMISSION FOR BIDS OR REQUEST FOR PROPOSAL EXCEPT THAT REFERENCED ADAPTED INDUSTRY DOCUMENTS SHALL HAVE THE DATE OF THE ISSUE ADOPTED

(C) ENOTES CHANGES

P.A. NAVY - AS Other Case	TITLE NUT, SELF-LOCKING, STEEL, 160KSI, 450 F 12 POINT, CAPTIVE WASHER	<b>MILITARY STANDARD</b>  <b>MS90415(AS)</b>
PROCUREMENT SPECIFICATION MIL-N-25027	SUPERSEDES	SHEET 1 OF 1

 AMSC N/A  
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