

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-C-38999.

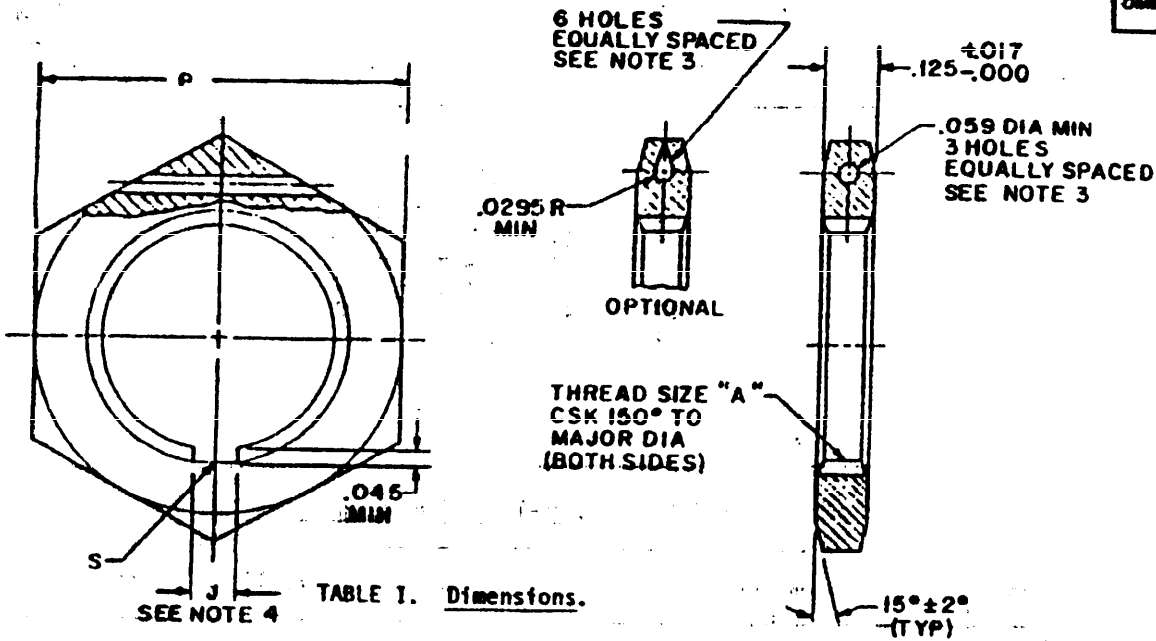
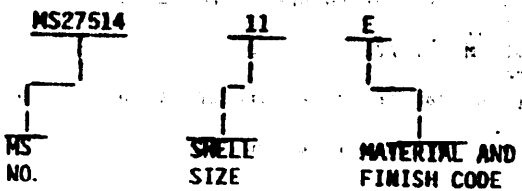


TABLE I. Dimensions.
SEE NOTE 4

Shell size	A Thread size class 2B	J max	P $+0.017$ -0.016 hex	S min no. of slots
9	.6875-24 UNEF	.135	.875	1
11	.8125-20 UNEF	"	1.000	"
13	1.0000-20 UNEF	"	1.188	"
15	1.1250-18 UNEF	"	1.312	"
17	1.2500-18 UNEF	.135	1.438	"
19	1.3750-18 UNEF	.192	1.562	"
21	1.5000-18 UNEF	"	1.688	"
23	1.6250-18 UNEF	"	1.812	"
25	1.7500-18 UNS	"	2.000	"

EXAMPLE OF PART NUMBER



Ⓔ CANCELED; FOR PROCUREMENT USE MS 3186

Ⓔ denotes changes

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

PREPARING ACTIVITY: Air Force - 85 CUSTODIANS: ARMY - CR NAVY - AS AIRFORCE - 85 DLA - Navy - EC, MC, OS REVIEW: Air Force-11, 15, 17, 99 USER: Army-AR, MI; DLA - ES PROJECT NUMBER: 5935-3757 DISTRIBUTION STATEMENT	TITLE: MILITARY SPECIFICATION SHEET NUT, SLOTTED, HEXAGON CONNECTOR MOUNTING, SERIES I	SPECIFICATION SHEET NUMBER MS27514E 26 July 1990 SUPERSEDING MS27514D, 20 February 1978 ARMC N/A FSC 5935
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A: Approved for public release; distribution is unlimited.

Inches	mm	Inches	mm
.016	.41	.875	22.23
.017	.43	1.000	25.40
.0295	7.50	1.188	30.18
.045	1.14	1.312	33.32
.059	1.50	1.438	36.53
.125	3.18	1.562	39.67
.195	3.43	1.688	42.88
.192	4.88	2.000	50.80

TABLE II. Material and finish codes.

Code	Material	Finish 1/	Applicable connectors
A	Aluminum: QQ-A-200/8, condition T-6;	A	Series I, finishes A and D.
B	QQ-A-225/5, condition T-4 or QQ-A-225/8, condition T-6	B	Series I, finish B
C		C	Series I, finish C
F		F	Series I, finish F
E	Corrosion resisting steel: QQ-S-764, type 303 or 303 SE	E	Series I, finish E

1/ In accordance with MIL-C-38999.

NOTES:

- Dimensions are in inches.
- Metric equivalents are given for general information only.
- Safety wire holes shall not pull out when safety wire Ni-CU alloy (MONEL) or Ni-CR alloy (INCONEL) .020 (0.51 mm) diameter in accordance with MS20995 is threaded through a hole and a pull of 30 pounds minimum is applied. Two pulls shall be made, one parallel with axis of nut and one perpendicular to axis of nut.
- If more than one slot is used, they shall be 120° apart. Orientation optional in respect to hexagon configuration. Slot width shall provide sufficient clearance for use on applicable jam nut receptacles.
- Threads to be in accordance with MIL-S-7742.
- Remove all burrs and sharp edges.
- For design feature purposes, this standard takes precedence over acquisition documents referenced herein.
- Referenced documents shall be of the issue in effect on date of invitation for bid.

PREPARING ACTIVITY: Air Force - 85 CUSTODIAN: ARMY - CR NAVY - AS AIR FORCE - 85, OLA Navy - EC, ME, OS REVIEW: Air Force 11, 15, 17, 99 ARMY - 85, 81, 82, 83, 84, 85 PROJECT NUMBER: 5935-3757	MILITARY SPECIFICATION SHEET TITLE NUT, SLOTTED, HEXAGON CONNECTOR MOUNTING, SERIES I	SPECIFICATION SHEET NUMBER MS27514E SUPERSEDING MS27514D 20 February 1978 ANNC: N/A POC 5935
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