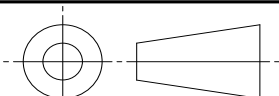



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REV. A			FEDERAL SUPPLY CLASS 5935
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CUSTODIAN: AE-8/AE-8C1		PROCUREMENT SPECIFICATION: NONE	
	<p>AEROSPACE STANDARD</p> <p>CONNECTORS, ELECTRICAL, CIRCULAR, MINIATURE, COMPOSITE, HIGH DENSITY, QUICK COUPLING, THREADED, ENVIRONMENT RESISTANT, REMOVABLE CRIMP CONTACTS, NUT, HEXAGON, CONNECTOR MOUNTING</p>		AS29600/7

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	AEROSPACE STANDARD	AS29600/7 SHEET 1 OF 4	REV. A
	CONNECTORS, ELECTRICAL, CIRCULAR, MINIATURE, COMPOSITE, HIGH DENSITY, QUICK COUPLING, THREADED, ENVIRONMENT RESISTANT, REMOVABLE CRIMP CONTACTS, NUT, HEXAGON, CONNECTOR MOUNTING		

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

THE COMPLETE REQUIREMENTS FOR ACQUIRING THE CONNECTORS DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION AND THE LATEST REVISION OF MIL-C-29600.

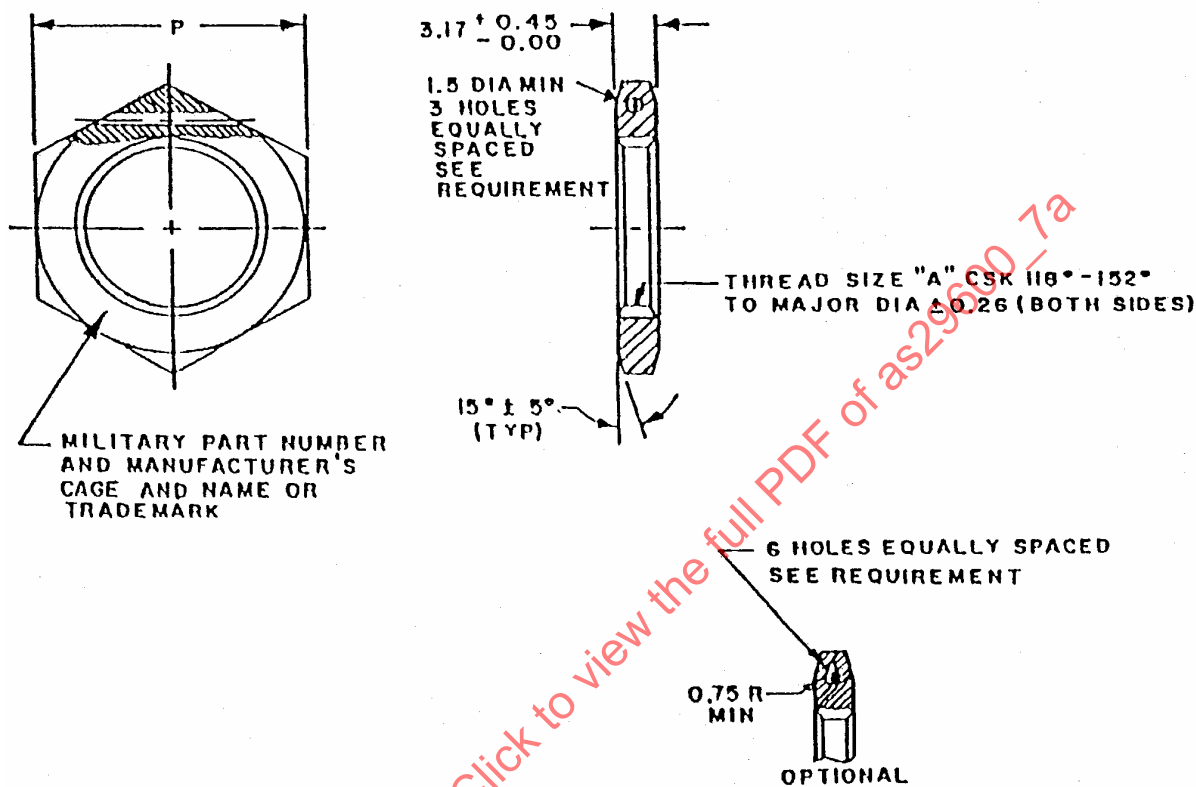


FIGURE 1. NUT, HEXAGON.

DASH NO.	SHELL SIZE		A THREAD SIZE	(METRIC) P HEX	TORQUE VALUE (IN/LB)
1	8	9	M17X1.0-0.100R	21.82 24.00	60
2	10	11	M20X1.0-0.100R	24.99 27.00	73
3	--	13	M25X1.0-0.100R	29.77 32.00	100
4	14	15	M28X1.0-0.100R	32.91 36.00	113
5	16	17	M32X1.0-0.100R	36.12 37.00	153
6	18	19	M38X1.0-0.100R	42.47 46.00	187
7	20	21	M41X1.0-0.100R	45.61 50.00	213
8	22	23	M44X1.0-0.100R	49.25 51.23	233
9	24	25	M44X1.0-0.100R	49.25 51.23	250

INCHES	MM
.01	0.254
.26	6.60
.45	11.43
1.500	38.10
3.17	80.52

NOTES:

1. DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.
2. METRIC EQUIVALENTS ARE BASED ON 1 INCH = 25.4 MM.
3. DIMENSIONS APPLY AFTER PLATING.

REQUIREMENTS:

DIMENSIONS AND CONFIGURATION: SEE FIGURE 1.

MATERIAL: SEE MIL-C-29600.

APPLICABLE CONNECTORS: MIL-C-29600/21 AND /11.

SAFETY WIRE HOLE PULLOUT: SAFETY WIRE HOLES SHALL NOT PULL OUT WHEN SAFETY WIRE NI-CU ALLOY (MONEL) OR NI-CR ALLOY (INCONEL) 0.51 MM DIAMETER IN ACCORDANCE WITH MS20995 IS THREADED THROUGH A HOLE AND A PULL OF 133.5 N MINIMUM IS APPLIED. THREE PULLS SHALL BE MADE, ONE PARALLEL WITH AXIS OF NUT IN EACH DIRECTION AND ONE PERPENDICULAR TO AXIS OF NUT.

MAXIMUM INSTALLATION TORQUE: SEE TABLE.

	AEROSPACE STANDARD		AS29600/7 SHEET 3 OF 4	REV. A
	CONNECTORS, ELECTRICAL, CIRCULAR, MINIATURE, COMPOSITE, HIGH DENSITY, QUICK COUPLING, THREADED, ENVIRONMENT RESISTANT, REMOVABLE CRIMP CONTACTS, NUT, HEXAGON, CONNECTOR MOUNTING.			