

SAE® MA3427

RATIONALE

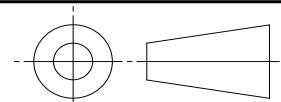
THIS NONCURRENT STANDARD HAS BEEN STABILIZED.

STABILIZED NOTICE

THIS DOCUMENT HAS BEEN DECLARED "STABILIZED" BY THE SAE E-25 GENERAL STANDARDS FOR AEROSPACE AND PROPULSION SYSTEMS COMMITTEE AND WILL NO LONGER BE SUBJECTED TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.

SAENORM.COM : Click to view the full PDF of ma3427b

THIRD ANGLE PROJECTION



PROCUREMENT SPECIFICATION: MA1937

METRIC AEROSPACE STANDARD

SAE MA3427

REV.
B

SSUED 1986-02	NONCURRENT 1996-11	REAFFIRMED 2001-09	REVISED 2007-10	STABILIZED 2013-06
---------------	--------------------	--------------------	-----------------	--------------------

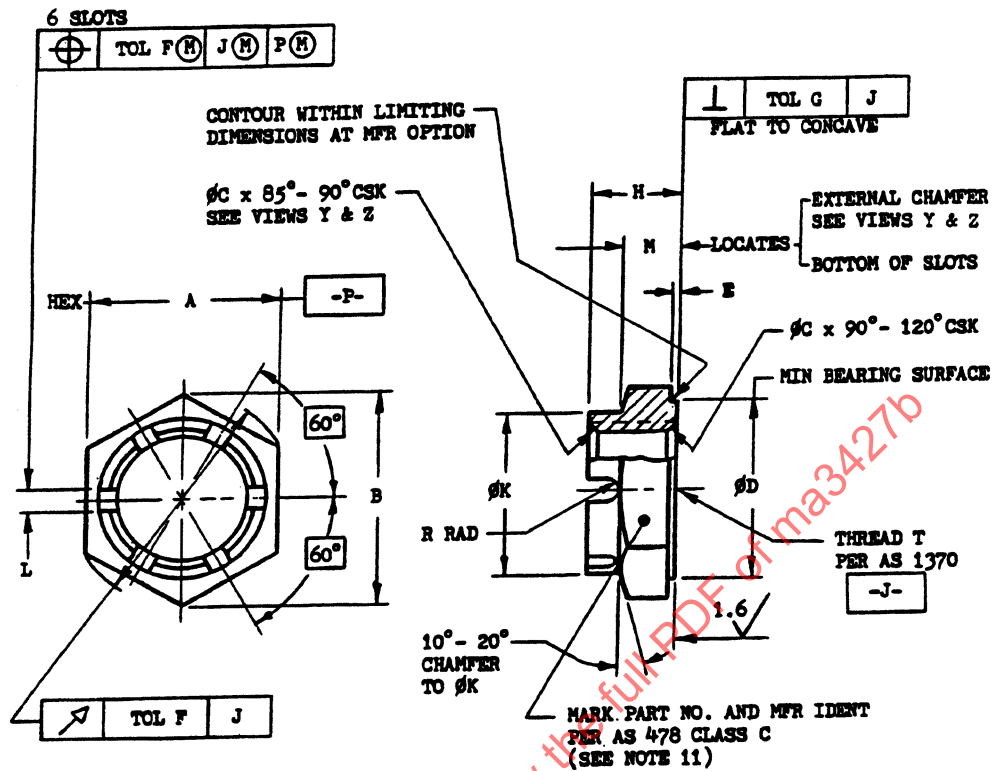


TABLE I. DIMENSIONS

PART NO.	THREAD T	A	1/	B MIN	C	D MIN	E	F	G
MA3427-04	MJ4 x 0.7-4H6H	6.85 - 7.00	h12	7.6	4.2 - 4.8	6.4	0.2 - 0.5	0.20	0.10
MA3427-05	MJ5 x 0.8-4H6H	7.85 - 8.00		8.7	5.2 - 5.8	7.4	0.2 - 0.5	0.20	0.10
MA3427-06	MJ6 x 1-4H5H	9.78 - 10.00		10.9	6.3 - 7.1	9.3	0.2 - 0.5	0.20	0.10
MA3427-07	MJ7 x 1-4H5H	10.73 - 11.00		12.0	7.3 - 8.1	10.2	0.2 - 0.5	0.20	0.10
MA3427-08	MJ8 x 1-4H5H	11.73 - 12.00	h13	13.2	8.3 - 9.1	11.2	0.2 - 0.5	0.20	0.10
MA3427-10	MJ10 x 1.25-4H5H	13.73 - 14.00		15.5	10.3 - 11.1	13.2	0.3 - 0.6	0.25	0.13
MA3427-12	MJ12 x 1.25-4H5H	16.73 - 17.00		18.9	12.3 - 13.1	16.0	0.3 - 0.6	0.25	0.13
MA3427-14	MJ14 x 1.5-4H5H	18.67 - 19.00		21.1	14.4 - 15.2	18.0	0.3 - 0.6	0.25	0.15
MA3427-16	MJ16 x 1.5-4H5H	21.67 - 22.00	h13	24.5	16.4 - 17.2	21.0	0.3 - 0.6	0.30	0.18
MA3427-18	MJ18 x 1.5-4H5H	23.67 - 24.00		26.8	18.4 - 19.2	23.0	0.3 - 0.6	0.30	0.18
MA3427-20	MJ20 x 1.5-4H5H	26.67 - 27.00		30.2	20.4 - 21.2	26.0	0.3 - 0.6	0.30	0.18

1/ TOLERANCE GRADES TO ANSI B4.2-1978