

RATIONALE

TO PRODUCE A NEW PART WITH SILVER PLATED THREAD ONLY.

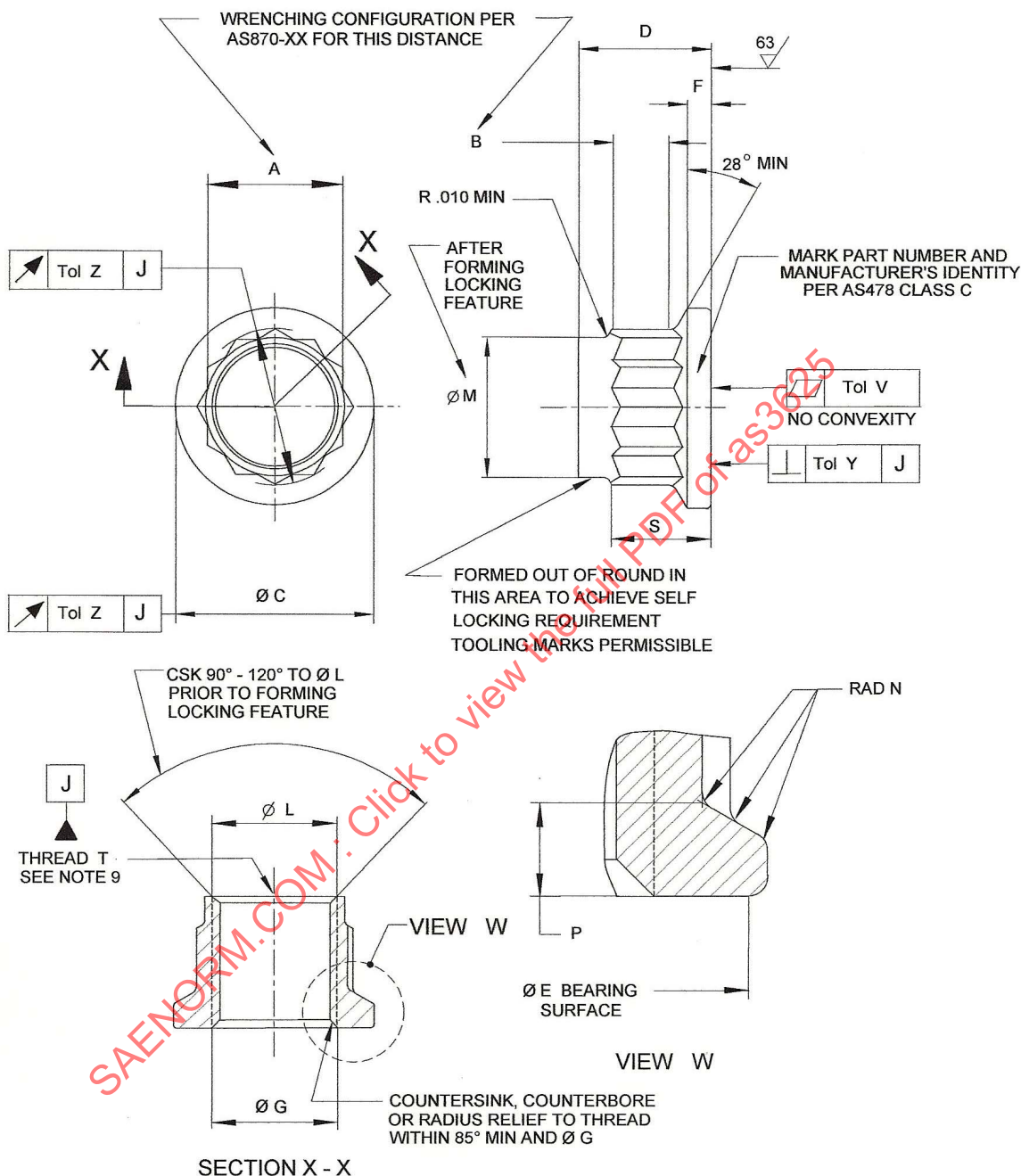
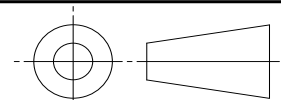


FIGURE 1- NUT

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3625>

THIRD ANGLE PROJECTION



CUSTODIAN: E25

PROCUREMENT SPECIFICATION: AS7251

SAE Aerospace
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AEROSPACE STANDARD

NUT, SELF-LOCKING, DOUBLE HEXAGON,
REDUCED ENVELOPE, UNS S66286
SILVER PLATED THREADS ONLY

SAE AS3625
SHEET 1 OF 3

TABLE 1A - DIMENSIONS T, AND A TO E

PART NUMBER	THREAD T PER AS8879	A		B MIN	C MAX	D	E MIN
		AS870 DASH NUMBER	NOMINAL SIZE				
AS3625-08	.1640-36 UNJF-3B	07	.2188	.070	.294	.230 - .250	.264
AS3625-09	.1900-32 UNJF-3B	08	.2500	.070	.355	.230 - .250	.325
AS3625-10	.2500-28 UNJF-3B	10	.3125	.095	.450	.308 - .328	.410
AS3625-11	.3125-24 UNJF-3B	12	.3750	.108	.535	.340 - .360	.495
AS3625-12	.3750-24 UNJF-3B	14	.4375	.147	.608	.438 - .458	.559
AS3625-13	.4375-20 UNJF-3B	18	.5625	.150	.692	.449 - .469	.652
AS3625-14	.5000-20 UNJF-3B	20	.6250	.176	.786	.548 - .568	.740
AS3625-15	.5625-18 UNJF-3B	22	.6875	.205	.880	.613 - .633	.840

TABLE 1B - DIMENSIONS F TO P

PART NUMBER	F	G	L	M MAX	N	P MAX
AS3625-08	.045 - .060	.164 - .194	.164 - .184	.229	.005 - .020	.090
AS3625-09	.045 - .060	.190 - .220	.190 - .210	.262	.005 - .030	.095
AS3625-10	.045 - .060	.250 - .280	.250 - .270	.326	.005 - .030	.110
AS3625-11	.060 - .075	.312 - .342	.312 - .332	.392	.005 - .035	.130
AS3625-12	.070 - .090	.375 - .405	.375 - .395	.458	.005 - .040	.150
AS3625-13	.080 - .100	.438 - .468	.438 - .458	.588	.005 - .040	.150
AS3625-14	.100 - .120	.500 - .535	.500 - .520	.654	.005 - .060	.180
AS3625-15	.110 - .130	.562 - .597	.562 - .582	.720	.005 - .070	.195

TABLE 1C - DIMENSIONS S TO Z, MASS

PART NUMBER	S	V	Y	Z	APPROX MASS lbs/100
AS3625-08	.135 - .175	.0012	.004	.005	.17
AS3625-09	.150 - .190	.0014	.004	.006	.22
AS3625-10	.190 - .235	.0014	.005	.007	.41
AS3625-11	.220 - .270	.0016	.005	.008	.70
AS3625-12	.270 - .330	.0016	.005	.009	.99
AS3625-13	.270 - .330	.0020	.006	.010	1.51
AS3625-14	.335 - .405	.0020	.006	.012	2.35
AS3625-15	.380 - .460	.0020	.007	.014	3.67