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AS5546™

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RATIONALE

NEW STANDARD FOR FLARELESS RETAINED, LIGHT WEIGHT, EXTRA FINE THREAD NUT FOR HYDRAULIC SYSTEMS UP TO 5080 PSI (SUCH AS AS5974) DIMENSIONS, AND REQUIREMENTS FOR SIZES 04 THROUGH 20.

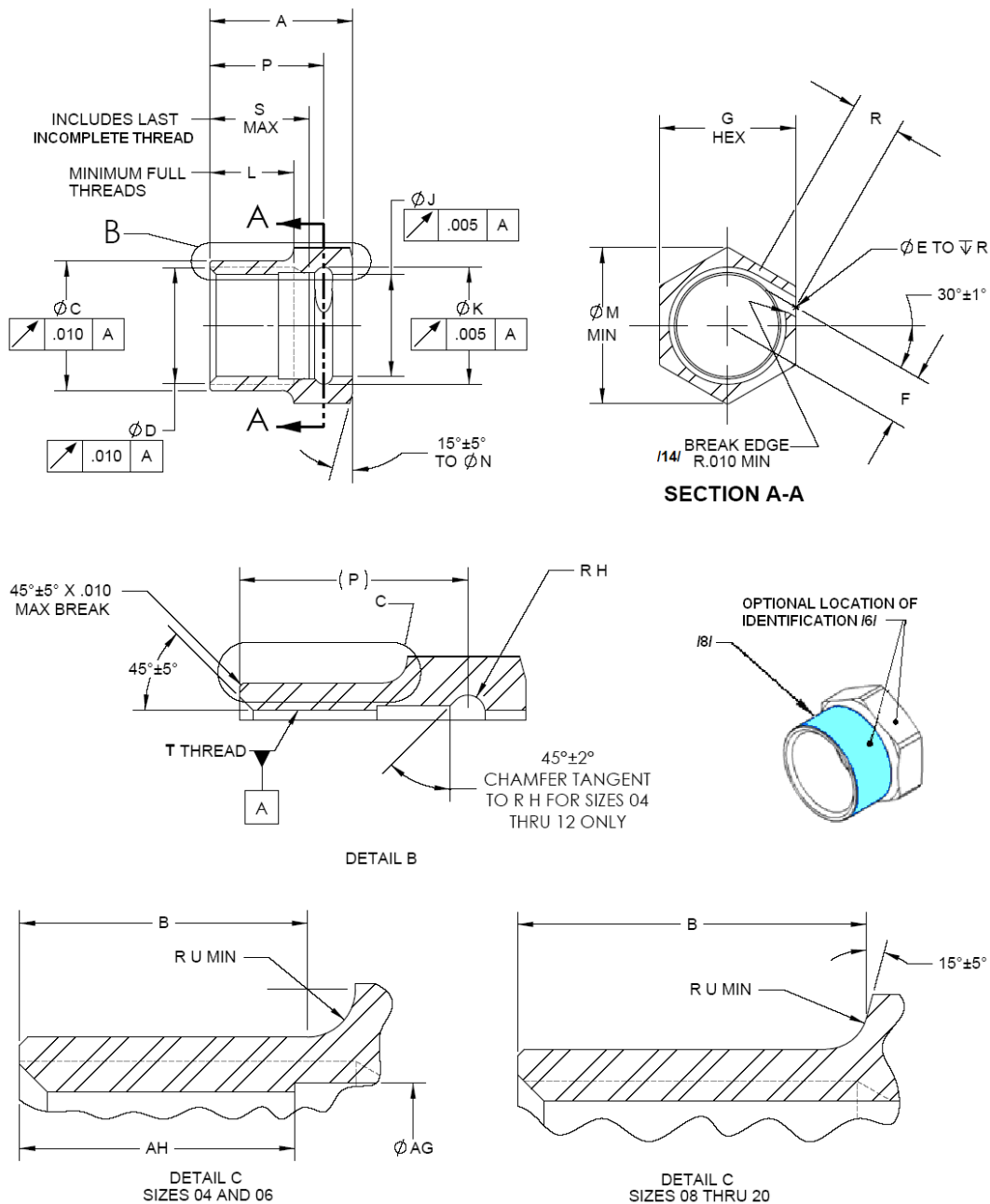
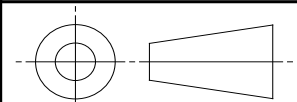


FIGURE 1 - NUT, FITTING, RETAINED, LIGHTWEIGHT

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3C

PROCUREMENT SPECIFICATION: /4/



AEROSPACE STANDARD

NUT, FITTING, FLARELESS, RETAINED, LIGHTWEIGHT,
EXTRA FINE THREAD, UP TO 5080 PSI

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TABLE 1A - DIMENSIONS

BASIC NO. AS5546 /15/ SIZE CODE	NOM TUBE SIZE REF	T THREAD PER ISO 3161 /12/	A ±.010	B ±.010	C	D ±.010	E	F
04	.250	.4375-28 UNJEF-3B	.615	.258	.524	.456	.077	.194
06	.375	.5625-24 UNJEF-3B	.718	.361	.649	.581	.086	.252
08	.500	.7500-20 UNJEF-3B	.843	.500	.842	.769	.101	.341
10	.625	.8750-20 UNJEF-3B	.968	.625	.968	.894	.101	.396
12	.750	1.0625-18 UNJEF-3B	1.015	.640	1.177	1.082	.131	.485
16	1.000	1.3125-16 UNJ-3B	1.125	.750	1.427	1.332	.131	.610
20	1.250	1.6250-16 UNJ-3B	1.218	.700	1.800	1.645	.131	.766

TABLE 1B - DIMENSIONS

BASIC NO. AS5546 /15/ SIZE CODE	G	H ±.001	J	K	L	M MIN	N ±.010	P ±.004
04	.552-.565	.038	.3888-.3970	.456-.466	.384	.635	.542	.500
06	.678-.691	.043	.5084-.5166	.583-.593	.422	.775	.668	.573
08	.865-.878	.050	.6892-.6977	.776-.786	.487	.990	.855	.660
10	.990-1.003	.050	.8055-.8152	.891-.901	.586	1.120	.980	.763
12	1.238-1.253	.065	.9814-.9914	1.097-1.107	.573	1.400	1.228	.780
16	1.488-1.505	.065	1.2314-1.2414	1.347-1.357	.573	1.650	1.474	.875
20	1.983-2.005	.065	1.5439-1.5539	1.659-1.669	.573	2.196	1.973	.959

TABLE 1C - DIMENSIONS AND WEIGHTS

BASIC NO. AS5546 /15/ SIZE CODE	R ±.015	S MAX	U MIN	AG	AH ±.010	LB/100 APPROX REF TI
04	.210	.434	.060	.415	.345	1.14
06	.250	.505	.060	.534	.345	1.54
08	.306	.581	.060	-	-	2.59
10	.347	.693	.070	-	-	3.47
12	.439	.691	.085	-	-	5.80
16	.512	.776	.115	-	-	8.11
20	.710	.860	.115	-	-	19.76



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