

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."



TABLE 1A - DIMENSIONS

BASIC NO. AS1790 /15/ SIZE CODE	NOM TUBE SIZE REF	T THREAD PER AS8879	A ±.010	B ±.010	C	D ±.010	E	F
02	.125	.3125-24UNJF-3B	.530	.288	.418	.331	.077	.136
03	.188	.3750-24UNJF-3B	.580	.274	.480	.394	.077	.167
04	.250	.4375-20UNJF-3B	.615	.258	.524	.456	.077	.194
05	.312	.5000-20UNJF-3B	.687	.330	.587	.519	.086	.224
06	.375	.5625-18UNJF-3B	.718	.361	.649	.581	.086	.252
08	.500	.7500-16UNJF-3B	.843	.500	.842	.769	.101	.341
10	.625	.8750-14UNJF-3B	.968	.625	.968	.894	.101	.396
12	.750	1.0625-12UNJ-3B	1.015	.640	1.177	1.082	.131	.485
14	.875	1.1875-12UNJ-3B	1.100	.725	1.302	1.208	.131	.549
16	1.000	1.3125-12UNJ-3B	1.125	.750	1.427	1.332	.131	.610
20	1.250	1.6250-12UNJ-3B	1.168	.778	1.740	1.645	.131	.766
24	1.500	1.8750-12UNJ-3B	1.358	.920	2.055	1.895	.131	.893
32	2.000	2.5000-12UNJ-3B	1.684	1.184	2.678	2.520	.131	1.200

TABLE 1B - DIMENSIONS

BASIC NO. AS1790 /15/ SIZE CODE	G	H ±.001	J	K	L	M MIN /8/	N ±.010	P ±.004
02	.428- .440	.038	.2719- .2799	.341- .347	.316	.492	.418	.430
03	.490- .502	.038	.3344- .3418	.401- .411	.362	.564	.480	.450
04	.552- .565	.038	.3888- .3970	.456- .466	.384	.635	.542	.500
05	.615- .628	.043	.4513- .4591	.526- .536	.406	.706	.605	.550
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
14	1.363-1.380	.065	1.1064-1.1164	1.227-1.237	.573	1.540	1.353	.850
16	1.488-1.505	.065	1.2314-1.2414	1.347-1.357	.573	1.650	1.474	.875
20	1.800-1.817	.065	1.5439-1.5539	1.659-1.669	.573	1.993	1.790	.959
24	2.109-2.135	.065	1.7939-1.8039	1.912-1.922	.661	2.338	2.099	1.105
32	2.734-2.760	.065	2.4189-2.4289	2.537-2.547	.844	3.025	2.724	1.340



AEROSPACE STANDARD

NUT, FITTING, RETAINED, LIGHTWEIGHT

AS1790

SHEET 2 OF 5

REV.



Documents

Document Sharing Hub