

**REV.
A**

AS3142

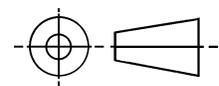
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THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE PROPULSION SYSTEMS

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AEROSPACE STANDARD

STUD, STEPPED - 2.5 DIA ENGAGEMENT, PD SHANK,
AMS 5731
.4375-20 UNJF-3A X .375-24 UNJF-3A

AS3142
SHEET 1 OF 3

**REV.
A**

ISSUED 1976-04 NONCURRENT 1999-03 REAFFIRMED 2004-07

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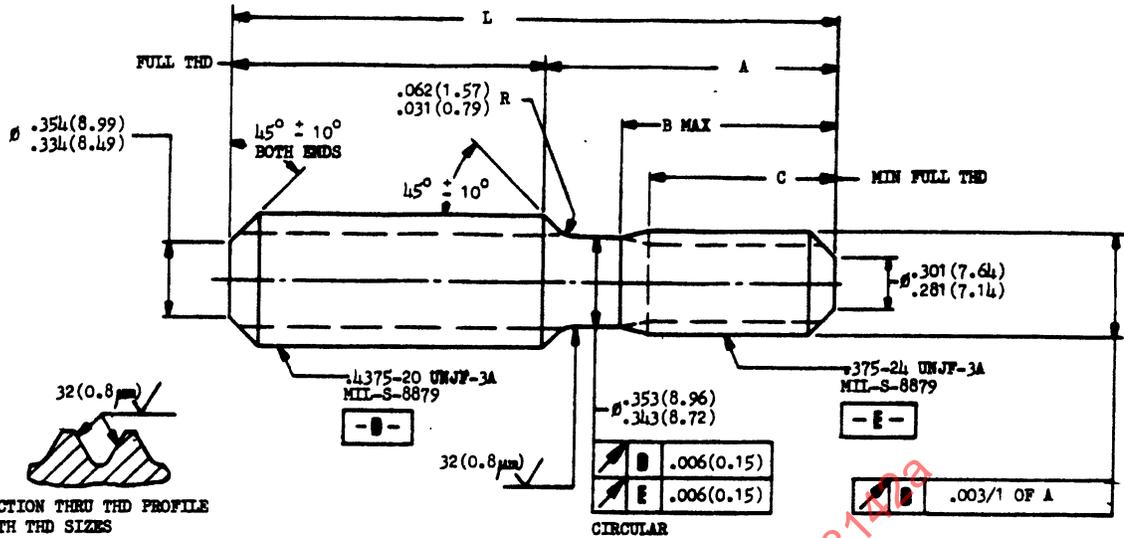


FIGURE 1

TABLE 1

PART NUMBER	L		A		B MAX		C MIN		APPROX. MASS	
	INCH	(mm)	INCH	(mm)	INCH	(mm)	INCH	(mm)	lb/100	(kg/100)
AS3142-05	1.802 - 1.822	45.78 - 46.27	.709 - .729	18.01 - 18.51	.621	15.77	.537	13.64	5.94	2.70
AS3142-06	1.865 - 1.885	47.38 - 47.87	.771 - .791	19.59 - 20.09	.683	17.34	.599	15.22	6.11	2.77
AS3142-07	1.928 - 1.948	48.98 - 49.47	.834 - .854	21.19 - 21.69	.746	18.94	.662	16.82	6.27	2.84
AS3142-08	1.990 - 2.010	50.55 - 51.05	.897 - .917	22.79 - 23.29	.772	19.60	.688	17.48	6.44	2.92
AS3142-09	2.115 - 2.135	53.73 - 54.22	1.021 - 1.041	25.94 - 26.44	.772	19.60	.688	17.48	6.80	3.08
AS3142-10	2.240 - 2.260	56.90 - 57.40	1.147 - 1.167	29.14 - 29.64	.772	19.60	.688	17.48	7.11	3.22
AS3142-11	2.365 - 2.385	60.08 - 60.57	1.271 - 1.291	32.29 - 32.79	.772	19.60	.688	17.48	7.46	3.38
AS3142-12	2.490 - 2.510	63.25 - 63.75	1.396 - 1.416	35.46 - 35.96	.772	19.60	.688	17.48	7.79	3.52
AS3142-13	2.615 - 2.635	66.43 - 66.92	1.521 - 1.541	38.64 - 39.14	.772	19.60	.688	17.48	8.12	3.68
AS3142-14	2.740 - 2.760	69.60 - 70.10	1.646 - 1.666	41.81 - 42.31	.772	19.60	.688	17.48	8.46	3.83
AS3142-15	2.865 - 2.885	72.78 - 73.27	1.771 - 1.791	44.99 - 45.49	.772	19.60	.688	17.48	8.80	3.98
AS3142-16	2.990 - 3.010	75.95 - 76.45	1.896 - 1.916	48.16 - 48.66	.772	19.60	.688	17.48	9.14	4.14
AS3142-17	3.115 - 3.135	79.13 - 79.62	2.021 - 2.041	51.34 - 51.84	.772	19.60	.688	17.48	9.50	4.30
AS3142-18	3.240 - 3.260	82.30 - 82.80	2.146 - 2.166	54.51 - 55.01	.772	19.60	.688	17.48	9.81	4.44
AS3142-19	3.365 - 3.385	85.48 - 85.97	2.271 - 2.291	57.69 - 58.19	.772	19.60	.688	17.48	10.16	4.60
AS3142-20	3.490 - 3.510	88.65 - 89.15	2.396 - 2.416	60.86 - 61.36	.772	19.60	.688	17.48	10.49	4.74
AS3142-21	3.615 - 3.635	91.83 - 92.32	2.521 - 2.541	64.04 - 64.54	.772	19.60	.688	17.48	10.82	4.90
AS3142-22	3.740 - 3.760	95.00 - 95.50	2.646 - 2.666	67.21 - 67.71	.772	19.60	.688	17.48	11.16	5.05
AS3142-23	3.865 - 3.885	98.18 - 98.67	2.771 - 2.791	70.39 - 70.89	.772	19.60	.688	17.48	11.50	5.20
AS3142-24	3.990 - 4.010	101.35 - 101.85	2.896 - 2.916	73.56 - 74.06	.772	19.60	.688	17.48	11.84	5.36
AS3142-25	4.115 - 4.135	104.53 - 105.02	3.021 - 3.041	76.74 - 77.24	.772	19.60	.688	17.48	12.20	5.52
AS3142-26	4.240 - 4.260	107.70 - 108.20	3.146 - 3.166	79.91 - 80.41	.772	19.60	.688	17.48	12.51	5.66
AS3142-27	4.365 - 4.385	110.88 - 111.37	3.271 - 3.291	83.09 - 83.59	.772	19.60	.688	17.48	12.86	5.82
AS3142-28	4.490 - 4.510	114.05 - 114.55	3.396 - 3.416	86.26 - 86.76	.772	19.60	.688	17.48	13.19	5.96
AS3142-29	4.615 - 4.635	117.23 - 117.72	3.521 - 3.541	89.44 - 89.94	.772	19.60	.688	17.48	13.52	6.12
AS3142-30	4.740 - 4.760	120.40 - 120.90	3.646 - 3.666	92.61 - 93.11	.772	19.60	.688	17.48	13.86	6.27
AS3142-31	4.865 - 4.885	123.58 - 124.07	3.771 - 3.791	95.79 - 96.29	.772	19.60	.688	17.48	14.20	6.42
AS3142-32	4.990 - 5.010	126.75 - 127.25	3.896 - 3.916	98.96 - 99.46	.772	19.60	.688	17.48	14.54	6.58
AS3142-33	5.115 - 5.135	129.93 - 130.42	4.021 - 4.041	102.14 - 102.64	.772	19.60	.688	17.48	14.90	6.74
AS3142-34	5.240 - 5.260	133.10 - 133.60	4.146 - 4.166	105.31 - 105.81	.772	19.60	.688	17.48	15.21	6.86