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REV.
B

AS3088™

FEDERAL SUPPLY CLASS
5307

RATIONALE

REVISE THREAD TO THREAD AND THREAD TO SHANK POSITIONAL TOLERANCES, RELOCATE KEY DIMENSIONS FOR CLARITY. CORRECT ERRORS FOR -15 AND -28 IN TABLE 1, FIGURE 1 REDRAWN, AND GENERAL EDITORIAL UPDATE.

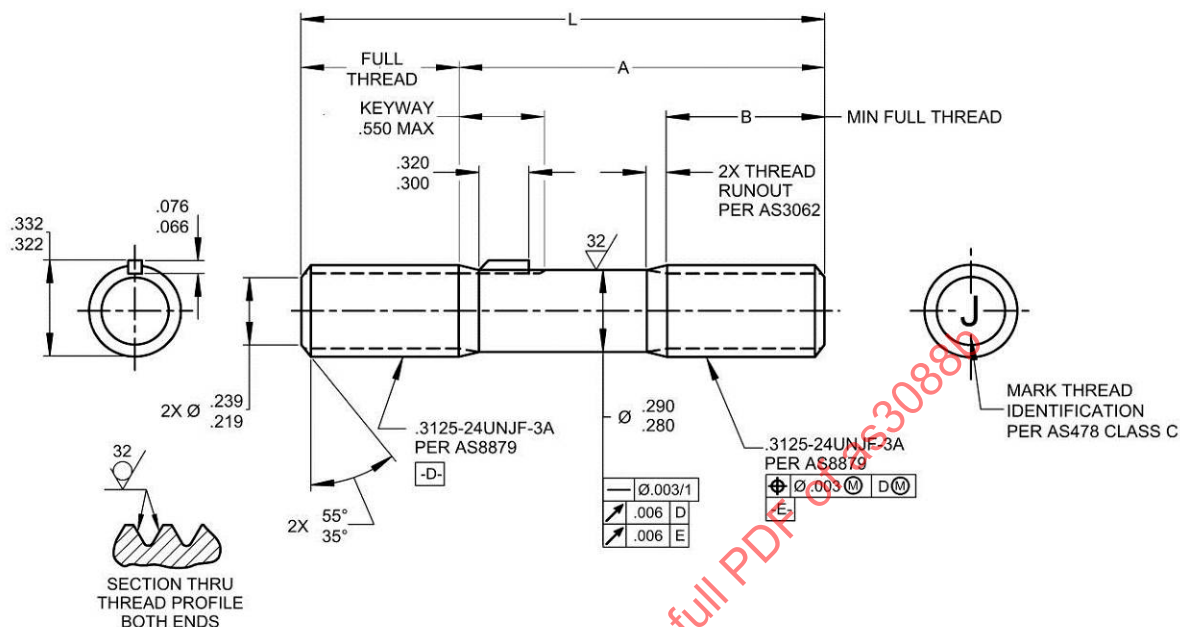


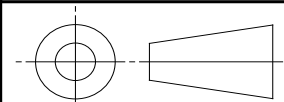
FIGURE 1 - STUD

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBERS	L	A	B MIN /a/	APPROX MASS LB/100
AS3088-01	1.240 - 1.260	.615 - .635	.500	2.24
AS3088-02	1.302 - 1.322	.678 - .698	.562	2.35
AS3088-03	1.365 - 1.385	.740 - .760	.625	2.46
AS3088-04	1.428 - 1.448	.802 - .822	.625	2.57
AS3088-05	1.490 - 1.510	.865 - .885	.625	2.69
AS3088-06	1.552 - 1.572	.928 - .948	.688	2.80
AS3088-07	1.584 - 1.604	.959 - .979	.688	2.86
AS3088-08	1.615 - 1.635	.990 - 1.010	.625	2.91
AS3088-09	1.678 - 1.698	1.052 - 1.072	.719	3.03
AS3088-10	1.740 - 1.760	1.115 - 1.135	.625	3.14
AS3088-11	1.802 - 1.822	1.178 - 1.198	.625	3.25
AS3088-12	1.865 - 1.885	1.240 - 1.260	.625	3.37

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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7452 /4/



AEROSPACE STANDARD

STUD, STRAIGHT, KEY LOCKED,
CADMIUM PLATED, STEEL, UNS G87400
.3125-24 UNJF-3A X .3125-24 UNJF-3A

AS3088™
SHEET 1 OF 3

REV.
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ISSUED 1975-05 REAFFIRMED 2006-07 REVISED 2016-01

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

PART NUMBERS	L	A	B MIN /a/	APPROX MASS LB/100
AS3088-13	1.928 - 1.948	1.302 - 1.322	.625	3.48
AS3088-14	1.990 - 2.010	1.365 - 1.385	.625	3.59
AS3088-15	2.052 - 2.072	1.428 - 1.448	.625	3.70
AS3088-16	2.115 - 2.135	1.490 - 1.510	.625	3.82
AS3088-17	2.178 - 2.198	1.552 - 1.572	.625	3.93
AS3088-18	2.240 - 2.260	1.615 - 1.635	.625	4.04
AS6087-19	2.302 - 2.322	1.678 - 1.698	.625	4.16
AS3088-20	2.365 - 2.385	1.740 - 1.760	.625	4.27
AS3088-21	2.490 - 2.510	1.865 - 1.885	.625	4.50
AS3088-22	2.615 - 2.635	1.990 - 2.010	.625	4.72
AS3088-23	2.740 - 2.760	2.115 - 2.135	.625	4.95
AS3088-24	2.865 - 2.885	2.240 - 2.260	.625	5.17
AS3088-25	2.990 - 3.010	2.365 - 2.385	.625	5.40
AS3088-26	3.115 - 3.135	2.490 - 2.510	.625	5.63
AS3088-27	3.240 - 3.260	2.615 - 2.635	.625	5.85
AS3088-28	3.365 - 3.385	2.740 - 2.760	.625	6.08
AS3088-29	3.490 - 3.510	2.865 - 2.885	.625	6.30
AS3088-30	3.615 - 3.635	2.990 - 3.010	.625	6.53
AS3088-31	3.740 - 3.760	3.115 - 3.135	.625	6.76
AS3088-32	3.865 - 3.885	3.240 - 3.260	.625	6.98
AS3088-33	3.990 - 4.010	3.365 - 3.385	.625	7.21
AS3088-34	4.115 - 4.135	3.490 - 3.510	.625	7.43

/a/ DIMENSION "B" FOR -06, -07, AND -09 MEETS THE REQUIREMENTS OF AND20001, AND20003, AND20009, AND20010.

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

- MATERIAL: STUD - LOW ALLOY STEEL PER AMS6322 (UNS G87400).
KEY - CORROSION RESISTANT STEEL PER AMS5688 (UNS S30500).
- HARDNESS: STUD - 26-32 HRC.
KEY - AS RECEIVED.
- FINISH: STUD - CADMIUM PLATE PER AMS2400. DIMENSIONS ARE AFTER PLATING.
KEY - NONE.
- PROCUREMENT SPECIFICATION: AS7452. REQUIREMENTS RELATED TO BOLT HEADS ARE NOT APPLICABLE.
- MAGNETIC PARTICLE INSPECTION PER ASTM E1444/E1444M.
- THE INSTALLED STUD SHALL HAVE A MINIMUM RESISTANCE TO TORQUE OUT OF 180 LBF-IN.
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICRINCHES Ra.
- MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION ON CONTAINER.

	AEROSPACE STANDARD	AS3088™ SHEET 2 OF 3	REV. B
	STUD, STRAIGHT, KEY LOCKED, CADMIUM PLATED, STEEL, UNS G87400 .3125-24 UNJF-3A X .3125-24 UNJF-3A		