

SSUED 1975-05	REAFFIRMED 2006-07	REVISED 2022-06
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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBERS	L	A	B MIN	APPROX MASS LB/100
AS3086-01	.865- .885	.490- .510	.375	.56
AS3086-02	.928- .948	.552- .572	.438	.60
AS3086-03	.990-1.010	.615- .635	.500	.64
AS3086-04	1.052-1.072	.678- .698	.500	.68
AS3086-05	1.115-1.135	.740- .760	.500	.72
AS3086-06	1.178-1.198	.802- .822	.500	.76
AS3086-07	1.240-1.260	.865- .885	.500	.80
AS3086-08	1.302-1.322	.928- .948	.500	.84
AS3086-09	1.365-1.385	.990-1.010	.500	.88
AS3086-10	1.428-1.448	1.052-1.072	.500	.92
AS3086-11	1.490-1.510	1.115-1.135	.500	.96
AS3086-12	1.552-1.572	1.178-1.198	.500	1.00
AS3086-13	1.615-1.635	1.240-1.260	.500	1.04
AS3086-14	1.678-1.698	1.302-1.322	.500	1.08

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.

1. MATERIAL: STUD - LOW ALLOY STEEL PER AMS6322 (COMPOSITION SIMILAR TO UNS G87400).
KEY - CORROSION RESISTANT STEEL PER AMS5688 (COMPOSITION SIMILAR TO UNS S30500).
2. HARDNESS: STUD - 26-32 HRC.
KEY - AS RECEIVED.
3. FINISH: STUD - CADMIUM PLATE PER AMS2400. DIMENSIONS ARE AFTER PLATING.
KEY - NONE.
- /4/ PROCUREMENT SPECIFICATION: AS7452. REQUIREMENTS RELATED TO BOLT HEADS ARE NOT APPLICABLE.
5. MAGNETIC PARTICLE INSPECTION PER ASTM E1444/E1444M.
6. THE INSTALLED STUD SHALL HAVE A MINIMUM RESISTANCE TO TORQUE OUT OF 45 LBF-IN.
7. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
8. MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION ON CONTAINER.
9. DIMENSIONING AND TOLERANCING PER ASME Y14.5-2018.
10. DIMENSIONS ARE IN INCHES.
11. DO NOT USE UNASSIGNED PART NUMBERS.
12. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
13. REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

AS AND AMS ARE SAE INTERNATIONAL PUBLICATIONS.
ASME IS AN AMERICAN SOCIETY OF MECHANICAL ENGINEERS PUBLICATION.
ASTM IS AN ASTM INTERNATIONAL PUBLICATION.

	AEROSPACE STANDARD	AS3086™ SHEET 2 OF 2	REV. 6
	STUD - STRAIGHT, KEY LOCKED, CADMIUM PLATED, STEEL, UNS G87400 .1900-32 UNJF-3A X .1900-32 UNJF-3A		



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