

Full document details: [SAE AS101A](#)

TABLE 1 – DIMENSIONS AND WEIGHTS

BASIC NO. AS101 /10/ /18/ SIZE CODE	NOMINAL TUBE SIZE REF	T THREAD PER AS8879	A	B	C	D	H	J +.005 -.020	LB/EA APPROX REF ALUM	LB/EA APPROX REF CRES	LB/EA APPROX REF TI
20	1.250	1.5625-12UNJ	1.678	1.603	.155	.517	.124	1.375	.440	1.277	.742
24	1.500	1.8125-12UNJ	1.803	1.756	.180	.614	.156	1.688	.617	1.787	1.132

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:

a. CODE LETTER T:

- BODY: TYPE 6AL-4V TITANIUM ALLOY PER AMS4928
- NUT: CODE LETTER T OF AS4702 REFERENCE (TYPE 6Al-4V TITANIUM ALLOY)
- WIRE: PER AS4701 REFERENCE (CLASS 302 OR 305 CORROSION RESISTANT STEEL)

b. CODE LETTER V:

- BODY: TYPE 15-5PH CORROSION RESISTANT STEEL PER AMS5659
- NUT: CODE LETTER V OF AS4702 REFERENCE (TYPE 15-5PH CORROSION RESISTANT STEEL)
- WIRE: PER AS4701 REFERENCE (CLASS 302 OR 305 CORROSION RESISTANT STEEL)

c. CODE LETTER W:

- BODY: TYPE 7075-T73 ALUMINUM ALLOY FORGING PER AMS4141 OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124
- NUT: CODE LETTER W OF AS4702 REFERENCE (TYPE 7075-T73 ALUMINUM ALLOY)
- WIRE: PER AS4701 REFERENCE (CLASS 302 OR 305 CORROSION RESISTANT STEEL)

2. HEAT TREAT:

a. MATERIAL CODE LETTER T:

- BODY, NUT, AND WIRE: NONE

b. MATERIAL CODE LETTER V:

- BODY: HEAT TREAT TO CONDITION H-1075 PER AMS2759/3
- NUT: MATERIAL CODE LETTER V OF AS4702 REFERENCE (HEAT TREAT TO CONDITION H-1075)
- WIRE: NONE

c. MATERIAL CODE LETTER W:

- BODY, NUT, AND WIRE: NONE

	AEROSPACE STANDARD	AS101™ SHEET 2 OF 4 	REV. A
	(R) CROSS ASSEMBLY, RETAINED NUT, SHORT FLARELESS		

