

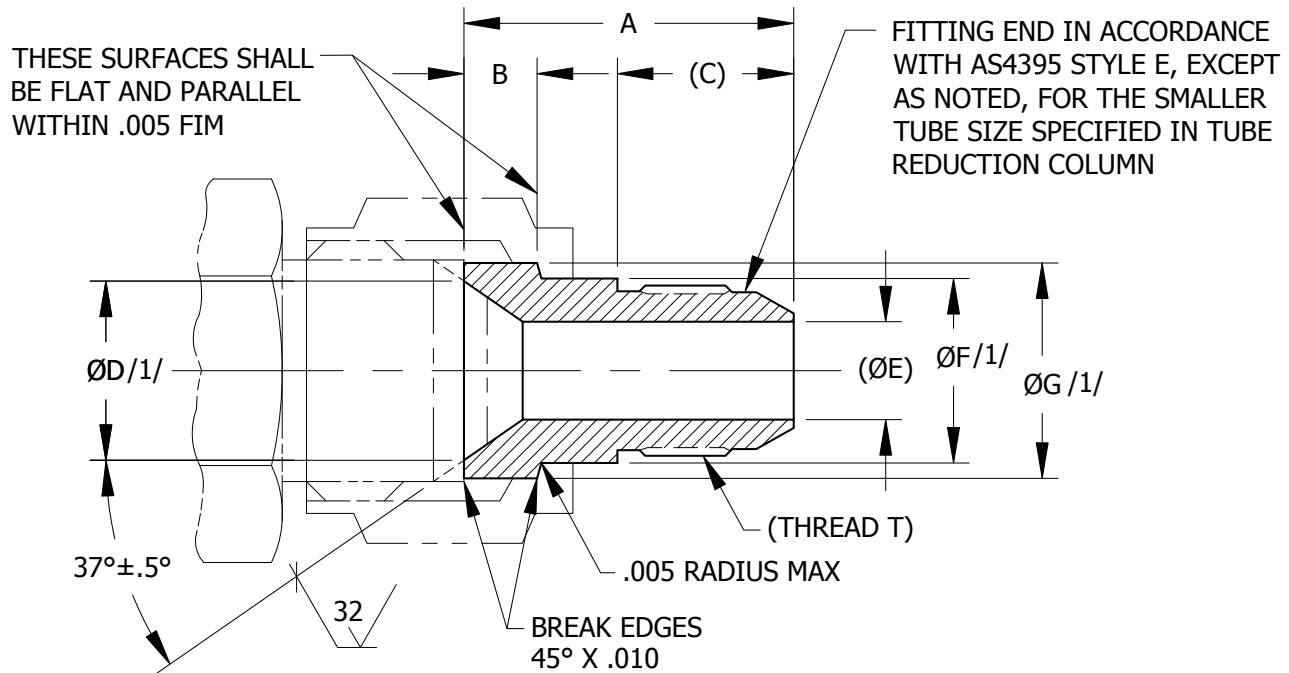


TABLE I – DIMENSIONS

PART NUMBER	TUBE REDUCTION	(T) THREAD	A ±.015	B ±.015	(C)	ØD +.005 -.015 /1/	(ØE)	ØF +.000 -.003 /1/	ØG +.000 -.003 /1/
NAS1564-6-4	.375 – .250	.4375-20 UNJF-3A	.969	.172	.550	.441	.172	.432	.502
NAS1564-8-4	.500 – .250	.4375-20 UNJF-3A	1.031	.219	.550	.589	.172	.562	.682
NAS1564-8-6	.500 – .375	.5625-18 UNJF-3A	1.031	.219	.556	.589	.297	.562	.682
NAS1564-10-4	.625 – .250	.4375-20 UNJF-3A	1.062	.234	.550	.705	.172	.690	.797
NAS1564-10-6	.625 – .375	.5625-18 UNJF-3A	1.062	.234	.556	.705	.297	.690	.797
NAS1564-12-4	.750 – .250	.4375-20 UNJF-3A	1.125	.266	.550	.880	.172	.826	.972
NAS1564-12-6	.750 – .375	.5625-18 UNJF-3A	1.125	.266	.556	.880	.297	.826	.972
NAS1564-12-8	.750 – .500	.7500-16 UNJF-3A	1.218	.266	.657	.880	.391	.826	.972
NAS1564-16-6	1.000 – .375	.5625-18 UNJF-3A	1.125	.281	.556	1.130	.297	1.081	1.222
NAS1564-16-8	1.000 – .500	.7500-16 UNJF-3A	1.250	.281	.657	1.130	.391	1.081	1.222
NAS1564-16-10	1.000 – .625	.8750-14 UNJF-3A	1.328	.281	.758	1.130	.484	1.081	1.222
NAS1564-16-12	1.000 – .750	1.0625-12 UNJ -3A	1.437	.281	.864	1.130	.609	1.081	1.222
NAS1564-20-10	1.250 – .625	.8750-14 UNJF-3A	1.406	.312	.758	1.412	.484	1.339	1.534
NAS1564-20-12	1.250 – .750	1.0625-12 UNJ -3A	1.500	.312	.864	1.412	.609	1.339	1.534
NAS1564-20-16	1.250 – 1.000	1.3125-12 UNJ -3A	1.594	.312	.911	1.412	.844	1.339	1.534

3 COMPLETELY REVISED



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

3

PROCUREMENT SPECIFICATION

TITLE

REDUCER, FLARED TUBE

CLASSIFICATION
PART STANDARD

NAS1564
SHEET 1 OF 3



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MATERIAL:

ALUMINUM ALLOY: 2014-T6 (UNS A92014) PER AMS-QQ-A-225/4 OR 2024-T6 OR -T851 (UNS A92024) PER AMS-QQ-A-225/6.
STEEL: 1137 (UNS G11370), 1141 (UNS G11410) PER ASTM A108 ~~QQ-S-637~~, 4130 (UNS G41300) PER AMS-S-6758 ~~MIL-S-6758~~ OR 4140 (UNS G41400) PER AMS6349 ~~MIL-S-5626~~.
CRES: CLASS ~~302 (UNS S30200)~~, ~~303 (UNS S30300)~~, 304 (UNS S30400), 316 (UNS S31600), ~~OR 321 (UNS S32100)~~ PER AMS-QQ-S-763.

FINISH:

ALUMINUM ALLOY: ANODIZE PER MIL-A-8625, TYPE II.
STEEL: CADMIUM PLATE PER AMS-QQ-P-416, TYPE I, CLASS 2.
CRES: PASSIVATE PER AMS2700, METHOD 1, CLASS 4.

CODE:

DASH AFTER DOCUMENT NUMBER INDICATES STEEL REDUCER.
ADD "D" IN PLACE OF DASH TO INDICATE ALUMINUM REDUCER.
ADD "J" IN PLACE OF DASH TO INDICATE 304 CRES REDUCER.
ADD "K" IN PLACE OF DASH TO INDICATE 316 CRES REDUCER.
~~ADD "C" IN PLACE OF DASH TO INDICATE CRES TYPES 302, 303, 304, 316 OR 321. /9/~~

EXAMPLE OF PART NUMBER:

NAS1564-8-4 = STEEL REDUCER FLARED TUBE FOR .500 OD TUBE REDUCING TO .250 OD TUBE
NAS1564D8-4 = ALUMINUM ALLOY REDUCER FLARED TUBE FOR .500 OD TUBE REDUCING TO .250 OD TUBE
NAS1564J8-4 = CRES 304 REDUCER FLARED TUBE FOR .500 OD TUBE REDUCING TO .250 OD TUBE
NAS1564K8-4 = CRES 316 REDUCER FLARED TUBE FOR .500 OD TUBE REDUCING TO .250 OD TUBE

NOTES:

- /1/ DIMENSIONS "ØD", "ØF" AND "ØG" CONCENTRIC WITHIN .005 FULL INDICATOR MOVEMENT.
- (2) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (3) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (4) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (5) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (6) REMOVE ALL BURRS AND SHARP EDGES.
- (7) TOLERANCES UNLESS OTHERWISE SPECIFIED: ANGLES $\pm 5^\circ$.

REVISION
3

③ COMPLETELY REVISED



NAS1564
SHEET 2

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