

FED. SUPPLY CLASS

4730

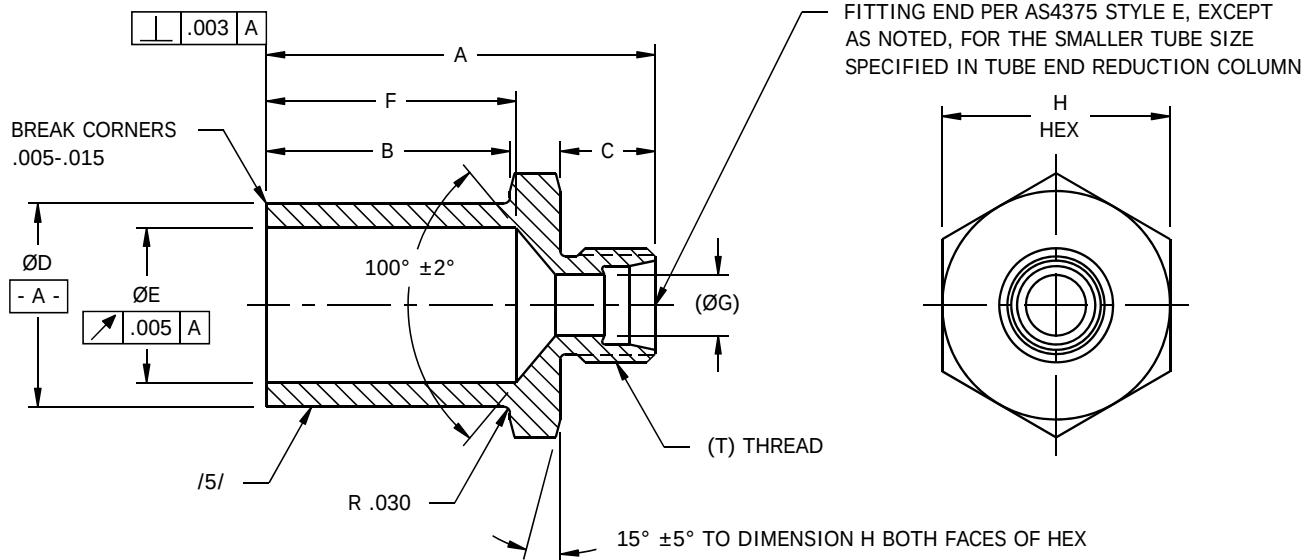


TABLE I – DIMENSIONS

NAS PART NUMBER	TUBE REDUCTION	(T) THREAD	A ±.010	B	(C)	ØD ±.003	ØE ±.005	F	(ØG)	H HEX	
										MAX	MIN
NAS1565-6-4	3/8 - 1/4	.4375-20 UNJF-3A	1.640	1.000	.453	.375	.245	1.062	.187	.691	.684
NAS1565-8-4	1/2 - 1/4	.4375-20 UNJF-3A	1.812	1.109	.453	.500	.370	1.187	.187	.691	.684
NAS1565-8-6	1/2 - 3/8	.5625-18 UNJF-3A	1.828	1.109	.469	.500	.370	1.218	.297	.816	.809
NAS1565-10-4	5/8 - 1/4	.4375-20 UNJF-3A	1.859	1.156	.453	.625	.459	1.218	.187	.691	.684
NAS1565-10-6	5/8 - 3/8	.5625-18 UNJF-3A	1.875	1.156	.469	.625	.459	1.265	.297	.816	.809
NAS1565-10-8	5/8 - 1/2	.7500-16 UNJF-3A	1.968	1.156	.562	.625	.459	1.265	.422	1.003	.996
NAS1565-12-4	3/4 - 1/4	.4375-20 UNJF-3A	1.859	1.156	.453	.750	.560	1.156	.187	.816	.809
NAS1565-12-6	3/4 - 3/8	.5625-18 UNJF-3A	1.875	1.156	.469	.750	.560	1.203	.297	.816	.809
NAS1565-12-8	3/4 - 1/2	.7500-16 UNJF-3A	1.968	1.156	.562	.750	.560	1.203	.422	1.003	.996
NAS1565-12-10	3/4 - 5/8	.8750-14 UNJF-3A	2.015	1.156	.625	.750	.560	1.265	.500	1.128	1.121
NAS1565-16-6	1 - 3/8	.5625-18 UNJF-3A	1.921	1.203	.469	1.000	.760	1.203	.297	1.128	1.121
NAS1565-16-8	1 - 1/2	.7500-16 UNJF-3A	2.031	1.203	.562	1.000	.760	1.203	.422	1.128	1.121
NAS1565-16-10	1 - 5/8	.8750-14 UNJF-3A	2.078	1.203	.625	1.000	.760	1.203	.500	1.128	1.121
NAS1565-16-12	1 - 3/4	1.0625-12 UNJ-3A	2.140	1.203	.688	1.000	.760	1.265	.656	1.378	1.371
NAS1565-20-10	1 1/4 - 5/8	.8750-14 UNJF-3A	2.078	1.203	.625	1.250	1.010	1.203	.500	1.378	1.371
NAS1565-20-12	1 1/4 - 3/4	1.0625-12 UNJ-3A	2.140	1.203	.688	1.250	1.010	1.265	.656	1.378	1.371
NAS1565-20-16	1 1/4 - 1	1.3125-12 UNJ-3A	2.140	1.203	.688	1.250	1.010	1.281	.875	1.641	1.609

① COMPLETELY REVISED

THIRD
ANGLE
PROJECTION

CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION
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PROCUREMENT
SPECIFICATION

TITLE

CLASSIFICATION
PART STANDARD

AS18280

REDUCER, FLARELESS TUBE

NAS1565
SHEET 1 OF 2

MATERIAL:

STEEL AND CRES, SEE PROCUREMENT SPECIFICATION.

FINISH:

SEE PROCUREMENT SPECIFICATION

MATERIAL CODES:

NO PREFIX ON FIRST DASH NUMBER INDICATES STEEL.
PREFIX "C" ON FIRST DASH NUMBER INDICATES CRES, TYPES 302, 303, 304, 316 OR 321.

EXAMPLE OF PART NUMBER:

NAS1565-8-4 = STEEL REDUCER, FLARELESS TUBE, FOR 1/2 OD TUBE REDUCING TO 1/4 OD TUBE
NAS1565C8-4 = CRES REDUCER, FLARELESS TUBE, FOR 1/2 OD TUBE REDUCING TO 1/4 OD TUBE

NOTES:

- (1) BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS THAT MIGHT BECOME DISLODGED UNDER USAGE.
- (2) DIMENSIONS IN INCHES.
- (3) TOLERANCES UNLESS OTHERWISE SPECIFIED: $\pm .015$.
- (4) SURFACE ROUGHNESS: 125 MICROINCHES Ra PER ASME B46.1 EXCEPT AS NOTED.
- /5/ SURFACE SHALL BE FREE FROM BURRS, LONGITUDINAL AND SPIRAL TOOL MARKS, AND SHALL BE SMOOTH EXCEPT THAT ANNULAR TOOL MARKS WILL BE ALLOWED TO 64 MICROINCH Ra MAXIMUM.
- (6) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (7) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (8) 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.
- (9) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

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NAS1565

SHEET 2

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