

FED. SUPPLY CLASS

5320

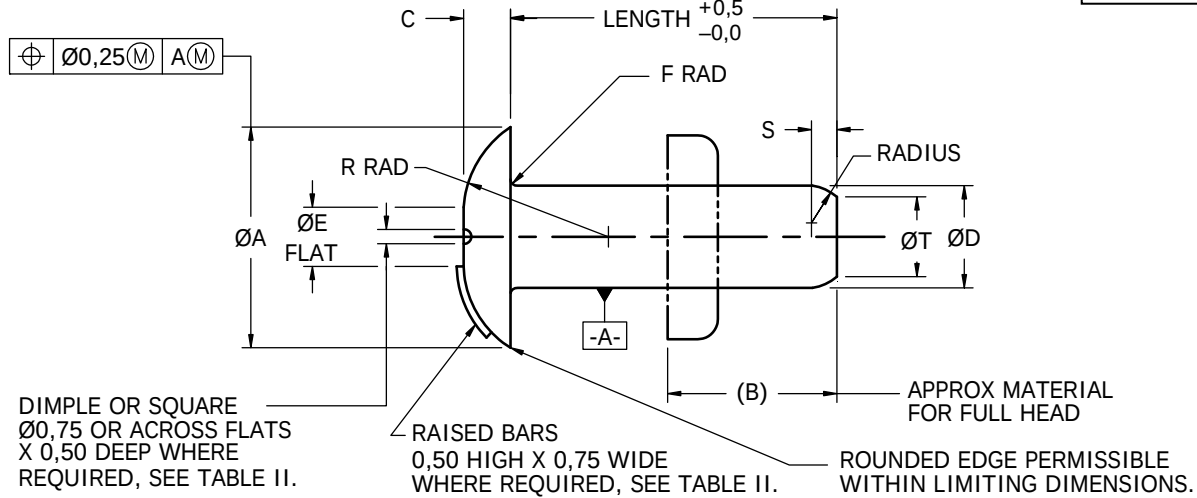


TABLE I – DIMENSIONS

NOMINAL DIAMETER	DIAMETER CODE	ØA	(B)	C +0,2 -0,0	ØD	ØE MIN	F RAD	R RAD	S	ØT
1,6	016	3,36 3,04	2,4	0,69	1,58 1,52	1,20	0,23 0,07	2,03 1,87	0,6 0,3	1,2 1,0
2,5	025	5,25 4,75	3,8	1,08	2,48 2,42	1,88	0,23 0,07	3,17 2,93	0,8 0,5	2,0 1,7
3,0	030	6,30 5,70	4,5	1,29	2,98 2,92	2,25	0,23 0,07	3,81 3,51	0,9 0,6	2,4 2,1
3,5	035	7,35 6,65	5,2	1,50	3,47 3,40	2,62	0,33 0,17	4,45 4,09	1,1 0,7	2,8 2,4
4,0	040	8,40 7,60	6,0	1,72	3,97 3,90	3,00	0,33 0,17	5,08 4,68	1,2 0,8	3,2 2,8
5,0	050	10,50 9,50	7,5	2,15	4,97 4,90	3,75	0,33 0,17	6,35 5,85	1,5 1,0	4,0 3,5
6,0	060	12,60 11,40	9,0	2,58	5,97 5,90	4,50	0,33 0,17	7,62 7,02	1,8 1,2	4,8 4,2
8,0	080	16,80 15,20	12,0	3,44	7,96 7,87	6,00	0,33 0,17	10,16 9,36	2,4 1,6	6,4 5,6
10,0	100	21,00 19,00	15,0	4,30	9,96 9,87	7,50	0,33 0,17	12,70 11,70	3,0 2,0	8,0 7,0

MATERIAL:

ALUMINUM 1100-H14 AND ALUMINUM ALLOYS 2017-T4, 2024-T4, 2117-T4, 2219-T62 AND 5056-H32 PER QQ-A-430.

HEAT TREATMENT:

2017-T4, 2117-T4, 2024-T4 AND 2219-T62 PER AMS2770.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NASM5674	TITLE RIVET, SOLID, UNIVERSAL HEAD, ALUMINUM AND ALUMINUM ALLOY, METRIC	CLASSIFICATION PART STANDARD NA0001-0006

FINISH: ANODIZE PER MIL-A-8625, TYPE II, CLASS 1, EXCEPT USE HOT DEIONIZED WATER AT 96 TO 100 °C FOR A CLEAR (COLORLESS) APPEARANCE, OR CHEMICAL FILM FINISH PER MIL-DTL-5541, CLASS 3, CLEAR (COLORLESS), AS CODED.

CODE:

THE BASIC PART NUMBER INDICATES THE MATERIAL (SEE THE TABULATION IN TABLE II).
THE DASH NUMBER CONSISTS OF SIX DIGITS.
THE FIRST THREE DIGITS INDICATE THE SHANK DIAMETER (SEE THE DIAMETER CODE IN TABLE I).
THE SECOND THREE DIGITS DESIGNATE THE RIVET LENGTH IN MILLIMETERS (SEE TABLE III FOR PREFERRED LENGTHS). LENGTHS NOT SHOWN MAY BE SPECIFIED IN 1,0 mm INCREMENTS.
THE LETTER AFTER THE DASH NUMBER IS THE FINISH CODE LETTER.
"N" INDICATES AN ANODIZED AND SEALED FINISH.
"C" INDICATES A MIL-DTL-5541 FINISH.

EXAMPLES OF PART NUMBERS:

NA0003-030 012 N

FINISH, ANODIZE
LENGTH, 12 mm
DIAMETER, 3 mm
BASIC PART NUMBER AND MATERIAL, 2117-T4

NA0006-100 097 C

FINISH, PER MIL-DTL-5541
LENGTH, 97 mm
DIAMETER, 10 mm
BASIC PART NUMBER AND MATERIAL, 2024-T4

NOTES:

- (1) TOLERANCE UNLESS OTHERWISE SPECIFIED: $\pm 0,25$.
- (2) A SHANK DIAMETER INCREASE SHALL NOT EXCEED "ØD" MAX + 0,03 WITHIN "X" LENGTH, WHERE "X" = 1,3 + "F", "F" IS THE SHANK TO HEAD RADIUS. "X" LENGTH IS MEASURED FROM THE UNDER SURFACE OF THE HEAD TO A POINT ON THE SHANK.
- (3) SHANK ENDS SHALL HAVE A RADIUS OR A CHAMFER CONSISTENT WITH DIMENSIONS "S" AND "ØT".
- (4) MAXIMUM RIVET LENGTH: 99,0 mm
- (5) DIMENSIONS IN MILLIMETERS AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (6) DIMENSIONING AND TOLERANCING PER ANSI Y14,5M-1982.
- (7) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (8) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (9) 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.

REVISION

2

NA0001 THRU NA0005
SHEET 2