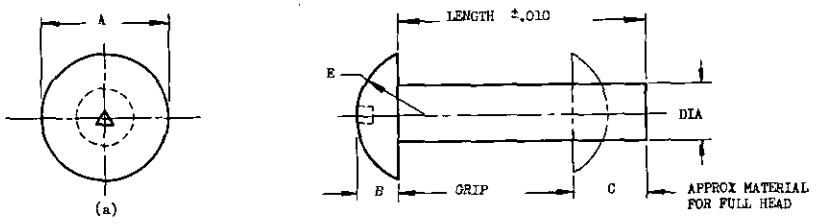

DIMENSIONS

DIAMETER	.063 +.003 -.004	.094 +.003 -.004	.125 +.004 -.004	.156 +.004 -.004	.188 +.004 -.006	.250 +.004 -.006	.313 +.004 -.008	.375 +.005 -.010	.438 +.005 -.010
A DIA	.109	.166	.219	.273	.327	.438	.546	.656	.765
B	.047	.071	.094	.117	.140	.188	.234	.281	.328
C	3/32	9/64	3/16	1/4	9/32	3/8	15/32	9/16	5/8
E RAD	.056	.084	.111	.138	.166	.221	.276	.332	.387

CARBON STEEL AND CORROSION-RESISTANT STEEL

DIA	LENGTHS AND DASH NUMBERS																	
	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2	1-3/4	2	2-1/2
1/16	2-2	2-3	2-4	2-5	2-6	2-7	2-8											
3/32		3-3	3-4	3-5	3-6	3-7	3-8	3-10	3-12	3-14	3-16							
1/8		4-3	4-4	4-5	4-6	4-7	4-8	4-10	4-12	4-14	4-16		4-20		4-24			
5/32			5-4	5-5	5-6	5-7	5-8	5-10	5-12	5-14	5-16		5-20		5-24	5-28	5-32	
3/16			6-4	6-5	6-6	6-7	6-8	6-10	6-12	6-14	6-16	6-18	6-20	6-22	6-24	6-28	6-32	
1/4				8-5	8-6	8-7	8-8	8-10	8-12	8-14	8-16		8-20		8-24	8-28	8-32	
5/16								10-10	10-12	10-14	10-16		10-20		10-24	10-28	10-32	
3/8									12-12	12-14	12-16		12-20		12-24	12-28	12-32	
7/16											14-16		14-20		14-24	14-28	14-32	

COPPER

DIA	LENGTHS AND DASH NUMBERS																	
	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2	1-3/4	2	2-1/2
1/16	2-2	2-3	2-4	2-5	2-6	2-7	2-8											
3/32		3-3	3-4	3-5	3-6	3-7	3-8	3-10	3-12	3-14	3-16							
1/8			4-4	4-5	4-6	4-7	4-8	4-10	4-12	4-14	4-16							
5/32					5-6	5-7	5-8	5-10	5-12	5-14	5-16							
3/16					6-6	6-7	6-8	6-10	6-12	6-14	6-16	6-18	6-20	6-22	6-24			
1/4																		
5/16																		
3/8																		
7/16																		

MONEL

(7) CANCELED AFTER 3 MARCH 1969. USE MS20613 AND MS20615.

DIA	LENGTHS AND DASH NUMBERS																	
	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2	1-3/4	2	2-1/2
1/16	2-2	2-3	2-4	2-5	2-6	2-7	2-8											
3/32		3-3	3-4	3-5	3-6	3-7	3-8	3-10	3-12									
1/8		4-3	4-4	4-5	4-6	4-7	4-8	4-10	4-12	4-14	4-16	4-18	4-20					
5/32			5-4	5-5	5-6	5-7	5-8	5-10	5-12	5-14	5-16							
3/16			6-4	6-5	6-6	6-7	6-8	6-10	6-12	6-14	6-16	6-18	6-20	6-22	6-24			
1/4				8-5	8-6	8-7	8-8	8-10	8-12	8-14	8-16		8-20		8-24			
5/16																		
3/8																		
7/16																		

INACTIVE FOR DESIGN AFTER 7 FEBRUARY 1958. USE STANDARD MS20435.

(a) RECESSED TRIANGLE FOR *MILD STEEL RIVET ONLY.*

MATERIAL: CARBON STEEL, C-1006 STEEL WIRE, SPEC QQ-W-409 OR SPEC QQ-S-633, FS1010, ANNEALED AFTER *HEADING;* CORROSION-RESISTANT STEEL, SPEC QQ-W-423, FS302 OR FS304, CONDITION A, ANNEALED AFTER HEADING BY HEATING AT 1,950°F to 2,000°F FOR 5 MINUTES, *FOLLOWED BY WATER QUENCH;* MONEL, SPEC QQ-N-281, ANNEALED; COPPER, SPEC QQ-W-341 ANNEALED.

FINISH: ONLY WHEN SPECIFIED, CADMIUM PLATE IN ACCORDANCE WITH SPECIFICATION QQ-P-416; *ZINC PLATE IN ACCORDANCE WITH* SPECIFICATION QQ-Z-325.

DASH NUMBERS SHOWN ARE FOR CARBON STEEL RIVETS. ADD P AFTER LAST DASH NO. FOR CARBON STEEL RIVETS, EITHER CADMIUM OR ZINC PLATED.

IN PLACE OF FIRST DASH: ADD C FOR COPPER RIVETS.
ADD F FOR CORROSION-RESISTANT STEEL RIVETS.
ADD M FOR *MONEL RIVETS.*

IN PLACE OF LAST DASH: ADD C FOR CADMIUM-PLATED RIVETS
ADD U FOR UNPLATED CARBON STEEL RIVETS.
ADD Z FOR ZINC-PLATED RIVETS.

FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTES, SEE ANA BULLETIN NO. 337.

EXAMPLES OF PART NUMBERS:
AN435-2-2P = RIVET, CARBON STEEL, EITHER CADMIUM OR ZINC *PLATED,* 2/32 *DIAMETER,* 2/16 LONG.
AN435-2C2 = RIVET, CARBON STEEL, CADMIUM PLATED, 2/32 DIAMETER, 2/16 LONG.
AN435-2Z2 = RIVET, CARBON STEEL, ZINC PLATED, 2/32 DIAMETER, 2/16 LONG.
AN435-2U2 = RIVET, CARBON STEEL, UNPLATED, *2/32 DIAMETER,* 2/16 LONG.
AN435F2-2 = RIVET, CORROSION-RESISTANT STEEL, 2/32 DIAMETER, 2/16 LONG.
AN435M2-2 = RIVET, MONEL, 2/32 DIAMETER, 2/16 LONG.
AN435M2C2 = RIVET, MONEL, *CADMIUM PLATED,* 2/32 DIAMETER, 2/16 LONG.
AN435C2-2 = RIVET, COPPER, 2/32 DIAMETER, 2/16 LONG.

SHEAR STRENGTH: AN435F, 45,000 PSI TO 55,000 PSI.
AN435M, 49,000 PSI TO 59,000 PSI.

RIVETS SHALL DRIVE COLD SATISFACTORILY WITH A FULL HEAD FREE FROM CRACKS.
RIVETS MUST BE TRUE TO FORM, CONCENTRIC AND FREE FROM INJURIOUS SCALE, FINS, SEAMS, AND ALL OTHER INJURIOUS DEFECTS.
DIMENSIONS IN INCHES.

PROCUREMENT SPECIFICATION	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN435
NONE	RIVET, ROUND HEAD, STEEL, MONEL AND COPPER	

APPROVED 21 Sep 45 REVISED (1) 13 Sep 48 (2) 6 Dec 48 (3) 7 Apr 50 (4) 24 May 55 (5) 27 Apr 56 (6) 7 Feb 58 (7) 3 Mar 69

NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

NOTE: This drawing was approved by joint action of the War and Navy Departments as the Army-Navy standard for this product. This drawing supersedes all antecedent standard drawings for the same product and shall become effective for the procurement of aeronautical supplies, or for use in new designs, not later than 6 months after the latest date of approval shown. It may be put into effect, however, at an earlier date after promulgation.

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SUPERSEDES FORMER AIR FORCE-NAVY STANDARD ISSUES OF AN435