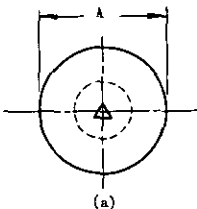
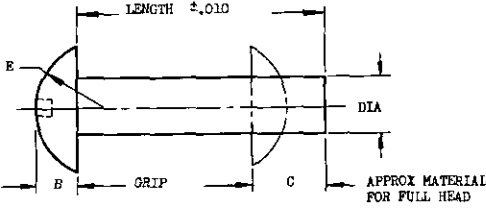


NOTE: When Government drawings, specifications, or other data are used for any purpose other than that for which they were prepared, the Government assumes no responsibility, nor any obligation whatever; and the fact that the Government has furnished, or in any way supplied the data, drawings, specifications, or other data in no way constitutes an endorsement or approval of the use of such data for any purpose other than that for which they were prepared. It may be that the data, drawings, specifications, or other data are not to be regarded as indicating a standard or specification, but, or not any particular information that may be used for the purpose intended.

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 previous drawings for the same product and shall become effective for the procurement of replacement supplies, or for use in new designs, not later than 6 months after the latest date of approval shown. It may be that the effect, however, at its earlier date after promulgation.

DIMENSIONS																		
DIA	.063	+.003 -.004	.094	+.003 -.004	.125	+.004 -.004	.156	+.004 -.004	.188	+.004 -.006	.250	+.004 -.006	.313	+.004 -.006	.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	.055		.081		.111		.138		.166		.221		.276		.332		.387	

**CARBON STEEL AND CORROSION-RESISTANT STEEL**

DIA	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				
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	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				5-5	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	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	4-18	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-109 OR SPEC QQ-S-633, F5010, ANNEALED AFTER HEADING; CORROSION-RESISTANT STEEL, SPEC QQ-W-123, F6302 OR F6301, 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-M-291, ANNEALED; COPPER, SPEC QQ-W-341 ANNEALED.

FINISH: ONLY WHEN SPECIFIED, CADMIUM PLATE IN ACCORDANCE WITH SPECIFICATION QQ-P-116; ZINC PLATE IN ACCORDANCE WITH SPECIFICATION QQ-Z-125.

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

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.  
AN435-F2-2 = 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: AN435P, 15,000 PSI TO 55,000 PSI.  
AN435M, 14,000 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  NONE	AIR FORCE-NAVY AERONAUTICAL STANDARD  RIVET, ROUND HEAD, STEEL, MONEL AND COPPER	AN435
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