



DIA	+.003 -.001	.094+.003 -.001	.125+.004 -.001	.156+.004 -.001	.187+.004 -.001	.250+.004 -.001	.312+.004 -.001	.375+.004 -.001
A	.120±.006	.175±.006	.231 ±.006	.289 ±.006	.346±.008	.465±.008	.577±.008	.694±.008
B	.028±.003	.040±.003	.055 ±.003	.066 ±.003	.079±.004	.106±.004	.133±.004	.159±.004
C	1/16	3/32	7/64	1/8	9/64	7/32	15/64	21/64

IRON (MILDSTEEL) SEE BELOW FOR CADMIUM PLATED

LENGTHS AND DASH NUMBERS

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	3
1/16	2-2	2-3	2-4	2-5	2-6	2-7	2-8	2-10											
3/32		3-3	3-4	3-5	3-6	3-7	3-8	3-10	3-12	3-14	3-16	3-18	3-20						
1/8			4-4	4-5	4-6	4-7	4-8	4-10	4-12	4-14	4-16	4-18	4-20	4-22	4-24	4-28			
5/32				5-5	5-6	5-7	5-8	5-10	5-12	5-14	5-16	5-18	5-20	5-22	5-24	5-28			
3/16					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	6-40	6-48
1/4							8-8	8-10	8-12	8-14	8-16	8-18	8-20	8-22	8-24	8-28	8-32	8-40	8-48
5/16								10-10	10-12	10-14	10-16	10-18	10-20	10-22	10-24	10-28	10-32	10-40	10-48
3/8									12-12		12-16		12-20		12-24	12-28	12-32	12-40	12-48

COPPER

LENGTHS AND DASH NUMBERS

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	3
1/16	C2-2	C2-3	C2-4	C2-5	C2-6	C2-7	C2-8												
3/32		C3-3	C3-4	C3-5	C3-6	C3-7	C3-8	C3-10	C3-12	C3-14	C3-16	C3-18	C3-20						
1/8			C4-4	C4-5	C4-6	C4-7	C4-8	C4-10	C4-12	C4-14	C4-16	C4-18	C4-20	C4-22	C4-24	C4-28			
5/32				C5-5	C5-6	C5-7	C5-8	C5-10	C5-12	C5-14	C5-16	C5-18	C5-20	C5-22	C5-24	C5-28			
3/16					C6-6	C6-7	C6-8	C6-10	C6-12	C6-14	C6-16	C6-18	C6-20	C6-22	C6-24	C6-28	C6-32		
1/4																			
5/16																			
3/8																			

INACTIVE FOR NEW DESIGN SEE DRAWING AN427

MATERIAL: IRON, OR C-1006 STEEL WIRE, SPECIFICATION QQ-W-109, COPPER.

FINISH: CADMIUM PLATE, SPEC. QQ-P-116, . OR ZINC PLATE, SPEC. QQ-Z-325, IRON RIVETS ONLY.

EXAMPLE OF PART NUMBER: AN420-2-2 = RIVET - MILD STEEL 2/32 DIA X 2/16 LONG UNFINISHED.

AN420-C2-2 = RIVET - COPPER 2/32 DIA X2/16 LONG.

AN420-2-2P = RIVET - MILD STEEL 2/32 DIA X 2/16 LONG CADMIUM OR ZINC PLATED

COMMERCIAL STANDARD.

RIVETS MUST BE TRUE TO FORM, CONCENTRIC AND FREE FROM INJURIOUS SCALE, FINS, SEAMS AND ALL OTHER INJURIOUS DEFECTS.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED TOLERANCES: FRACTIONS ±1/64.

③ CANCELED AFTER 10 DECEMBER 1965.

USE MS20427.

THERE IS NO SUPERSEDING PART FOR THESE DASH NUMBERS: -3-18, -3-20, -C3-18, -3-18P, -C3-20, -3-20P, -C4-18, -C4-20, -C4-22, -C4-22, -C4-24, -C4-28, -C5-18, -C5-20, -C5-22, -C5-24, -C5-28, -C6-28, -C6-32.

PROCUREMENT
SPECIFICATION

NONE

ARMY-NAVY AERONAUTICAL STANDARD

RIVET - COUNTERSUNK HEAD

AN420