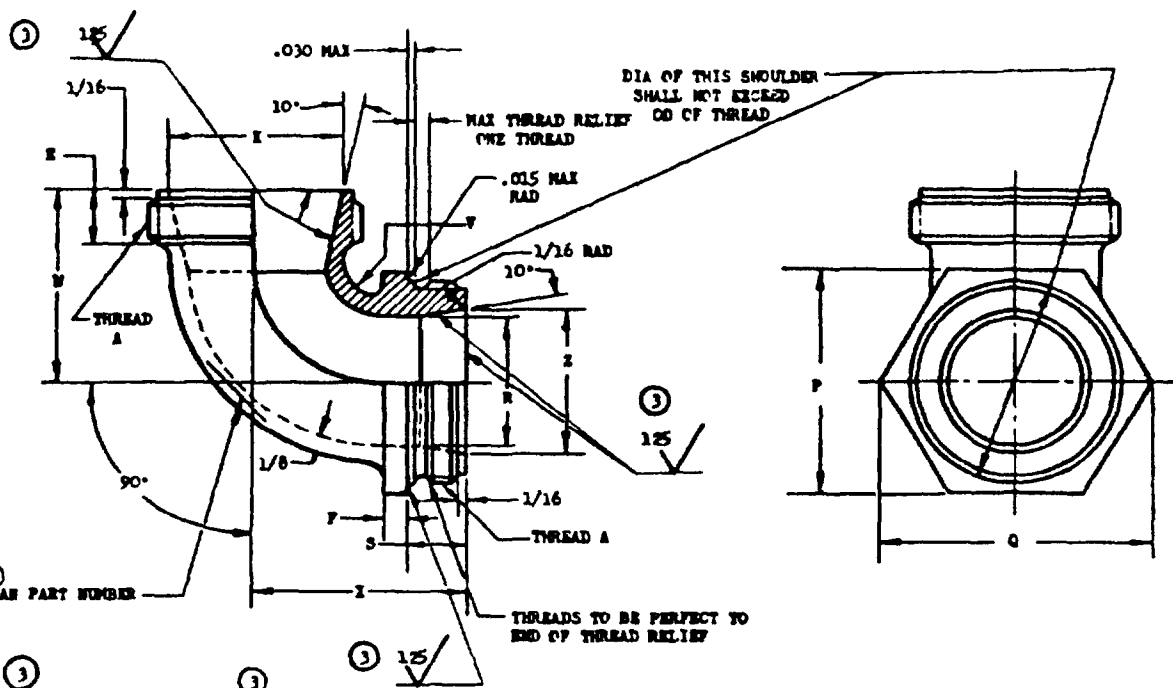


NAVY AIR (MMA) (REV. 1-53)



AN PART NUMBER	CONDUIT SIZE	THREAD A	R	F	K DIA	P	Q APPROX	R ±.010 DIA	S	V RAD	W	X	Z DIA
AN3063-3	3/16	1/2 -28 UNEF-2A	3/8	1/8	.332	11/16	51/64	.167	9/32	3/16	13/16	25/32	.211
AN3063-4	1/4	5/8 -24 NEF-2A	3/8	1/8	.394	13/16	15/16	.229	9/32	3/16	29/32	27/32	.273
AN3063-6	3/8	3/4 -20 UNEF-2A	3/8	1/8	.519	15/16	1- 3/32	.354	9/32	3/16	31/32	29/32	.308
AN3063-8	1/2	7/8 -20 UNEF-2A	3/8	3/16	.669	1- 1/16	1-15/64	.479	11/32	1/4	1- 3/32	1- 5/32	.548
AN3063-10	5/8	1- -20 UNEF-2A	3/8	3/16	.794	1- 1/4	1- 7/16	.604	11/32	1/4	1- 5/32	1- 7/32	.673
AN3063-12	3/4	1-3/16-18 NEF-2A	3/8	3/16	.929	1- 3/8	1-19/32	.729	11/32	1/4	1- 7/32	1- 9/32	.808
AN3063-16	1	1-7/16-18 NEF-2A	3/8	3/16	1.214	1- 5/8	1- 7/8	.979	11/32	5/16	1- 1/2	1-15/32	1.093
AN3063-20	1-1/4	1-3/4 -18 NS-2A	7/16	3/16	1.469	2	2-5/16	1.289	3/8	3/8	1-23/32	1-11/16	1.337
AN3063-24	1-1/2	2 -18 NS-2A	1/2	3/16	1.724	2- 3/16	2-17/32	1.479	11/32	7/16	1-29/32	1-29/32	1.581
AN3063-28	1-3/4	2-1/4 -16 UN-2A	1/2	1/4	1.976	2- 7/16	2-13/16	1.729	7/16	7/16	2- 1/32	2- 1/8	1.822
AN3063-32	2	2-1/2 -16 UN-2A	9/16	1/4	2.229	2-13/16	3- 1/4	1.979	15/32	7/16	2- 5/32	2- 9/32	2.064
AN3063-40	2-1/2	3 -16 UN-2A	5/8	1/4	2.744	3- 3/8	3-57/64	2.479	1/2	7/16	2- 7/16	2- 9/16	2.568

③ THREADS SHALL BE IN ACCORDANCE WITH SPECIFICATION MIL-S-7742 EXCEPT 1-3/4-18 NS-2A AND 2-18 NS-2A THREADS WHICH SHALL BE IN ACCORDANCE WITH AMERICAN STANDARD ASA B-1.

③ MATERIAL: ALUMINUM ALLOY, SPECIFICATION QQ-A-601, CLASS I, OR ALUMINUM ALLOY DIE CASTINGS OF COMMERCIAL GRADE SUITABLE TO THE PROCURING ACTIVITY.

③ FINISH: THE SURFACE FINISH SHALL BE IN ACCORDANCE WITH STANDARD MIL-STD-10. CADMIUM PLATE, SPECIFICATION QQ-P-416, TYPE II, CLASS C.

REMOVE ALL BURRS AND SHARP EDGES.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS ±1/64, DECIMALS ±.005, ANGLES ±1/2°.

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NOTE: This drawing was approved by Joint Chiefs of Staff and Navy Department on the 16th day of August 1953. This drawing represents a modification of the original drawing for the same product and shall become effective for the procurement of replacement parts, or for use in any other way, only when the latest issue of this drawing is used.

PROVISIONAL SPECIFICATION	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN3063
BOX	③ ELBOW - ELECTRICAL CONDUIT, 90° JUNCTION BOX	

APPROVED: 23 Jun 53 REVIEWED: 23 Dec 53 16 Apr 53