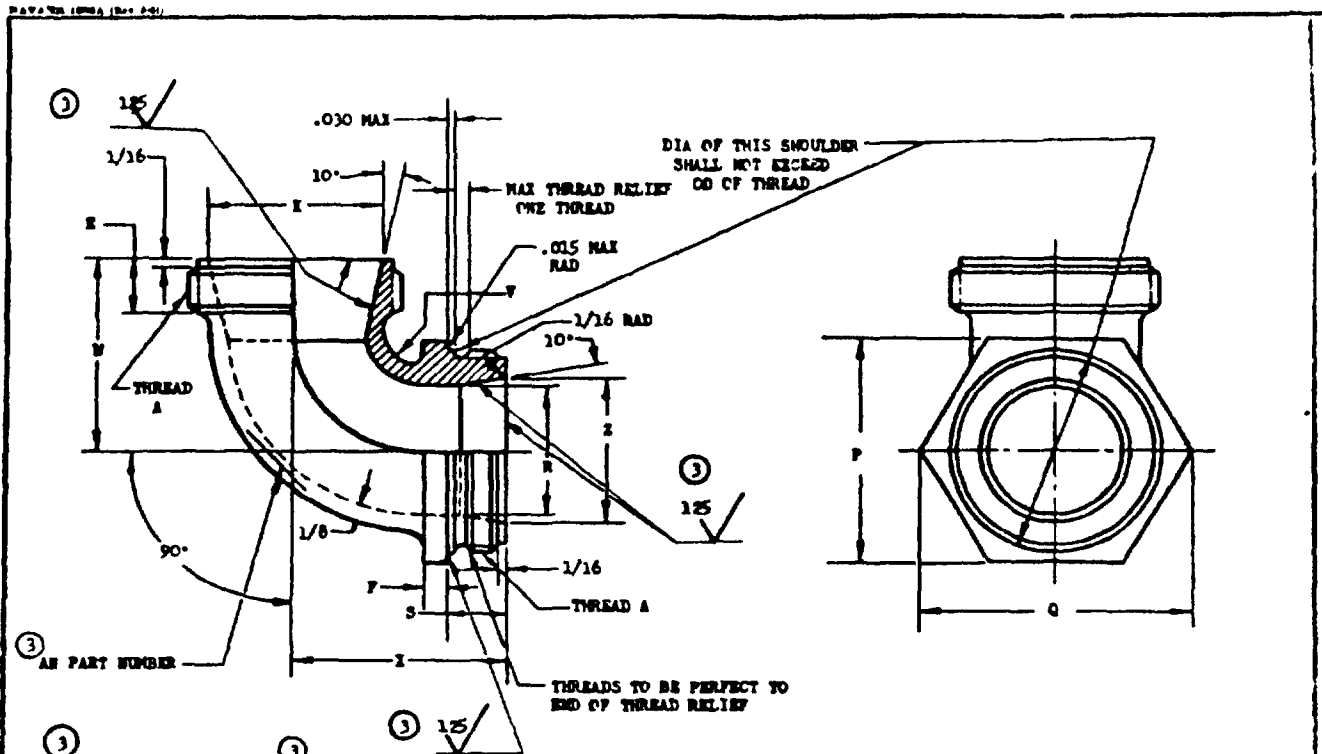


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NOTE: This drawing was approved by Joint action of the Air Force and Navy Departments on the 15th of February 1953. This drawing represents a standard design for the same product and shall become effective for the procurement of replacement parts, or for use in new designs, not later than 1 month after the latest date of approval shown.

NAVY-20 (MMA) (Rev. 2-53)



AN PART NUMBER	CONDUIT SIZE	THREAD A	R	P	K DIA	P	Q APPROX	R ±.010 DIA	S	V RAD	W	X	Z DIA
AN3063-3	3/16	1/2 -20 UNF-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 NTF-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 UNF-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 UNF-2A	3/8	3/16	.669	1- 1/16	1-15/64	.479	11/32	1/4	1- 3/32	1- 5/32	.508
AN3063-10	5/8	1- -20 UNF-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 NTF-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 NTF-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°.

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

U.S. GOVERNMENT PRINTING OFFICE: 1953

APPROVED 23 Jan 53 REVISED 1 23 Dec 54 2 25 Aug 57 3 16 Apr 58