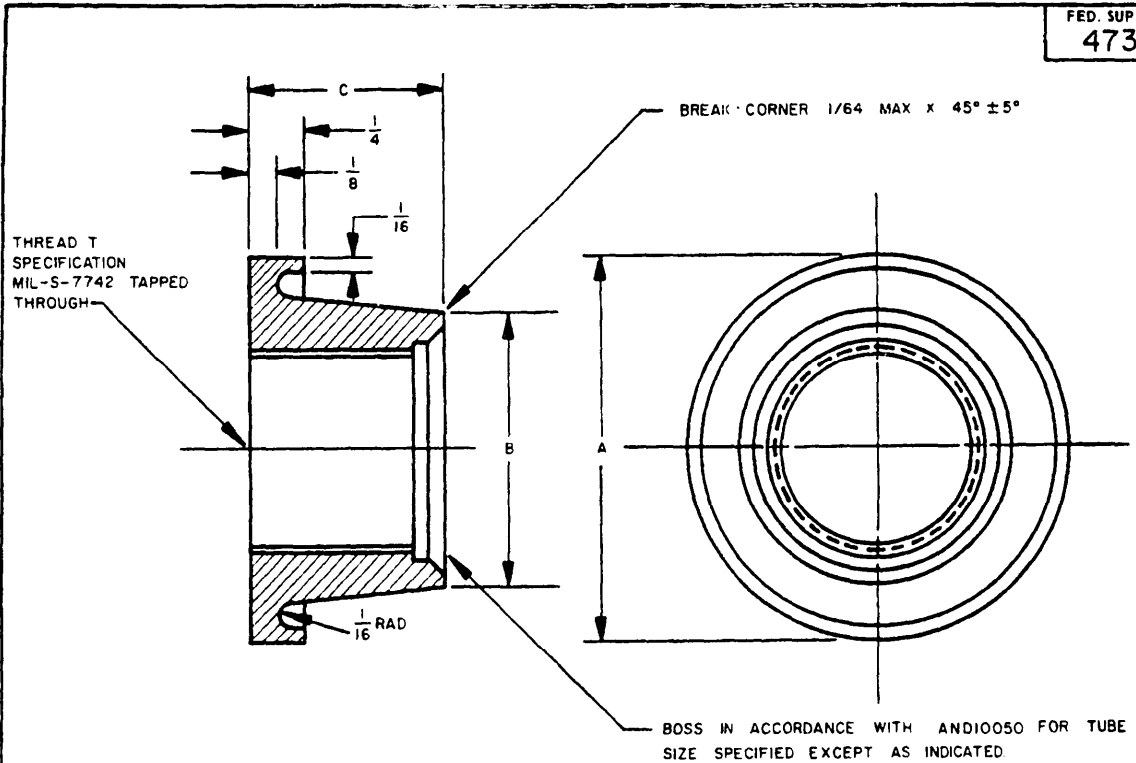


USER ACTIVITIES

REVIEWER ACTIVITIES

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AN PART NO.		TUBING OD	THREAD T REF	A DIA	B MIN DIA	C MIN	WT MAX LB	
STEEL	AL ALLOY						STEEL	AL ALLOY
AN871-4	AN871-4D	1/4	.437-20UNF-3	1.437	.750	.593	.17	.06
AN871-6	AN871-6D	3/8	.562-18UNF-3	1.562	.875	.593	.20	.07
AN871-8	AN871-8D	1/2	.75-16UNF-3	1.750	1.062	.687	.29	.10
AN871-10	AN871-10D	5/8	.875-14UNF-3	1.875	1.187	.750	.32	.11
AN871-12	AN871-12D	3/4	1.062-12UN-3	2.000	1.437	.906	.37	.13
AN871-16	AN871-16D	1	1.000-12UN-3	2.250	1.687	.937	.45	.15
AN871-20	AN871-20D	1-1/4	1.625-12UN-3	2.625	2.000	.984	.52	.18
AN871-24	AN871-24D	1-1/2	1.875-12UN-3	2.875	2.250	1.125	.64	.22

CONCENTRICITY: DIA B AND THREAD T SHALL BE CONCENTRIC WITHIN 0.20 FULL INDICATOR READING.

- ⑥ MATERIAL: ALUMINUM, SPECIFICATION QQ-A-6061, CONDITION T OR QQ-A-5052
STEEL: SPECIFICATION QQ-S-671, F. S. 1020 OR F. S. 1025.
- FINISH: STEEL PARTS SHALL BE COATED WITH COMPOUND, CORROSION-PREVENTIVE, SPECIFICATION MIL-C-6708.
- MARKING: THE PART NUMBER AND THE MANUFACTURER'S NAME OR TRADE MARK SHALL BE MARKED ON ALL FLANGES IN A MANNER AND LOCATION NOT DETRIMENTAL TO THE FLANGE.
- ⑦ BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS ± 1/64.

P. A USAF - 82 Other Cust ARMY - AV AF - 99	INTERNATIONAL INTEREST	AIR FORCE-NAVY AERONAUTICAL STANDARD		MILITARY STANDARD
		TITLE: FLANGE-STRAIGHT THREAD BOSS WELDING		AN871
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET		OF

APPROVED 2 FEB 42 REVISED ⑤ 23 Jan 50 ⑥ 16 Mar 51 ⑦ 1 Jun 54 ⑧ 26 Sep 86 ⑨ 13 Dec 86