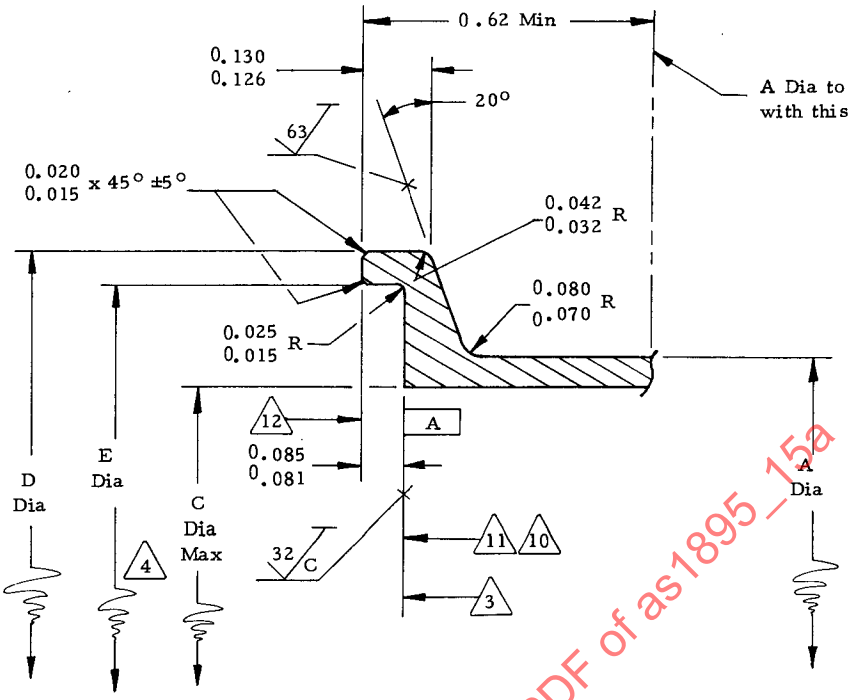
THIS IS A DESIGN STANDARD. DO NOT USE AS A PART NUMBER.

FEDERAL SUPPLY CLASS
5340



PART NUMBER	NOM TUBE SIZE	A DIA +.000 -.005	C DIA MAX (4)	D DIA ±.005	E DIA +.005 -.000
AS1895/15-100	1.00	1.069	.905	1.510	1.386
AS1895/15-125	1.25	1.319	1.155	1.760	1.636
AS1895/15-150	1.50	1.569	1.405	2.010	1.886
AS1895/15-175	1.75	1.819	1.655	2.260	2.136
AS1895/15-200	2.00	2.069	1.905	2.510	2.386
AS1895/15-225	2.25	2.319	2.155	2.760	2.636
AS1895/15-250	2.50	2.569	2.405	3.010	2.886
AS1895/15-275	2.75	2.819	2.655	3.260	3.136
AS1895/15-300	3.00	3.069	2.905	3.510	3.386
AS1895/15-325	3.25	3.319	3.155	3.760	3.636
AS1895/15-350	3.50	3.569	3.405	4.010	3.886
AS1895/15-400	4.00	4.069	3.905	4.510	4.386
AS1895/15-450	4.50	4.569	4.405	5.010	4.886
AS1895/15-500	5.00	5.069	4.905	5.510	5.386
AS1895/15-550	5.50	5.569	5.405	6.010	5.886
AS1895/15-600	6.00	6.069	5.905	6.510	6.386

SHEET	1	2	3
REV.	A	A	A

ISSUED 12-85
REVISED (A) 2-88

CUSTODIAN: SAE G-3/G-3A

PROCUREMENT: AS1895

SAE The Engineering Society For Advancing Mobility Land Sea Air and Space®
400 Commonwealth Drive
Warrendale, PA 15096

AEROSPACE STANDARD

AS 1895/15

FLANGE END, FEMALE, TYPE II
(LOW PROFILE) DESIGN STANDARD

Printed in U.S.A.

NOTES:

1. Construction and Performance:

   This flange end, when mated with flange end per AS1895/14-XXX, flange P/N AS1895/5-XXX, flange P/N AS1895/8-XXX, seal P/N AS1895/7-XXX and coupling P/N AS1895/4-XXX, shall meet all the requirements of specification AS1895.

2. Material:

   Dash Numbers 150 through 350 - Nickel Alloy 625 in accordance with AMS 5666 or AMS 5599.

   Dash Numbers 400 to 600 - Nickel Alloy 718 in accordance with AMS 5596 or AMS 5662 in the precipitate hardened condition.

△3 Sealing surface shall be free of scratches and surface finish shall be circular and concentric to bore diameter.

△4 This diameter may be reduced in order to decrease out-of-round deformation of flange ends produced by coupling loading, if desired, or to compensate for casting factors.

5. Finish:

   Descaled. Free of surface contaminations.

6. Inspection Requirement - Manufacturer:

   Penetrant inspect all flange ends in accordance with MIL-I-6866.

7. Workmanship:

   This flange end shall be free of sharp edges and burrs and shall be capable of mating under all tolerance conditions of the component parts.

8. Tolerances:

   .XXX = ±.010, .XX = ±.03, angles = ±1/2°.

9. Concentricity:

   All diameters shall be concentric to bore diameter within .004 TIR.

△10 Perpendicularity:

   Noted surface to be perpendicular to ℄ within .004 TIR.

△11 Flatness:

   Noted surface to be flat within .003 TIR.

△12 Parallelism:

   Noted surfaces to be parallel with surface marked [A] within .003 TIR.

13. All surfaces to be √125 except as noted.

ISSUED 12-85 REVISED (A) 2-88