

Technical drawing of a mechanical part showing a cross-section with various dimensions and tolerances.

Dimensions and Tolerances:

- Overall length: $.746$
- Minimum length: $.500 \text{ MIN}$
- Chamfer: 6°
- Conical section: $19^\circ / 15^\circ$
- Fillet: $2 \times R .030$
- Surface finish: 125 and 63
- Material: 304
- Flange end per $AS1895/14$

Geometric Features:

- Feature A: 125 surface finish
- Feature B: 63 surface finish
- Feature C: 63 surface finish
- Feature D: 63 surface finish

Notes:

- FLANGE END PER AS1895/14
- PDF of as1895-8C

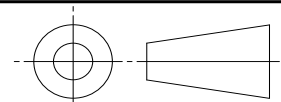
FIGURE 1 - TYPICAL VIEW

(R) TABLE 1 - DIMENSIONS AND WEIGHTS

PART NUMBER	(TUBE SIZE)	A ±.005	B ±.005	C	D	K	LB/EA MAX
AS1895/8-100	1.00	1.007	0.950	0.900	1.510	.001	.08
AS1895/8-125	1.25	1.257	1.200	1.150	1.760	.001	.09
AS1895/8-150	1.50	1.507	1.450	1.400	2.010	.002	.11
AS1895/8-175	1.75	1.757	1.700	1.650	2.260	.002	.12
AS1895/8-200	2.00	2.007	1.950	1.900	2.510	.002	.14
AS1895/8-225	2.25	2.257	2.200	2.150	2.760	.002	.15
AS1895/8-250	2.50	2.507	2.450	2.400	3.010	.003	.17
AS1895/8-275	2.75	2.757	2.700	2.650	3.260	.003	.18
AS1895/8-300	3.00	3.007	2.940	2.900	3.510	.003	.21
AS1895/8-325	3.25	3.257	3.190	3.150	3.760	.003	.24
AS1895/8-350	3.50	3.507	3.430	3.400	4.010	.004	.26
AS1895/8-400	4.00	4.007	3.930	3.900	4.510	.004	.29
AS1895/8-450	4.50	4.507	4.420	4.400	5.010	.005	.34
AS1895/8-500	5.00	5.007	4.920	4.900	5.510	.005	.37
AS1895/8-550	5.50	5.507	5.420	5.400	6.010	.006	.41
AS1895/8-600	6.00	6.007	5.920	5.900	6.510	.006	.45
AS1895/8-650	6.50	6.507	6.420	6.400	7.010	.007	.49
AS1895/8-700	7.00	7.007	6.920	6.900	7.510	.007	.52
AS1895/8-750	7.50	7.507	7.420	7.400	8.010	.008	.56

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS1895/8C>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: /3/ AS1895

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

FLANGE, MALE, BUTT WELD
TYPE II LOW PROFILE

SAE AS1895/8
SHEET 1 OF 2

REV.
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