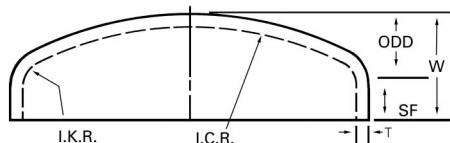


Stainless Steel Heads and Caps

ASME Flanged and Dished Heads



- Formed shape conforms to the requirements of the ASME Code for torispherical heads.
- ASME heads are available in both OD and NPS sizes and often provide an economical alternative to caps.
- Alloys stocked include Types 304, 304L, 316, 316L and 317L. However, F & D Heads can normally be produced in any weldable corrosion resistant alloy.

Nominal Pipe Size	Outside Diameter	ODD	SF	W
	1	5/8	1/2	1 1/8
	1 1/2	11/16	1/2	1 3/16
	2	3/4	1/2	1 1/4
2	2 3/8	13/16	1/2	1 5/16
	2 1/2	13/16	1/2	1 5/16
2 1/2	2 7/8	7/8	1/2	1 3/8
	3	7/8	1/2	1 3/8
3	3 1/2	15/16	1/2	1 7/16
	4	1	1/2	1 1/2
4	4 1/2	1 11/16	1/2	1 9/16
	5	1 1/8	1/2	1 5/8
5	5 9/16	1 3/16	1/2	1 11/16
	6	1 3/4	1/2	2 1/4
6	6 5/8	1 13/16	1/2	2 5/16

Nominal Pipe Size	Outside Diameter	ODD	SF	W
	8	2	1/2	2 1/2
8	8 5/8	2 1/16	1/2	2 9/16
	10	2 1/4	1/2	2 3/4
10	10 3/4	2 5/16	1/2	2 13/16
	12	2 1/2	1/2	3
12	12 3/4	2 5/8	1/2	3 1/8
	14	2 3/4	1/2	3 1/4
	16	3	1/2	3 1/2
	18	3 15/16	1/2	3 13/16
	20	3 5/8	1/2	4 1/8
	22	3 15/16	1/2	4 7/16
	24	4 1/4	1/2	4 3/4
	30	5 5/16	1/2	5 13/16
	36	6 5/16	1/2	6 13/16

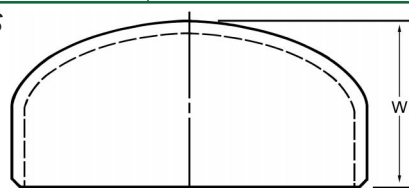
Inside knuckle radius (I.K.R.) minimum=6% of outside diameter or 3T, whichever is greater.

Inside crown radius (I.C.R.) shall not exceed the outside diameter.

"SF" refers to straight flange length normally supplied, however special SF lengths can be provided. "W" refers to nominal height normally provided.

"ODD" refers to outside depth of dish. Dimensions are in inches.

Caps



- Formed shape conforms to the requirements of the ASME Code for ellipsoidal heads.
- Caps are generally available only in the NPS dimensions and schedule wall thicknesses shown.
- Supplied per ASTM A 403 and ASME SA-403 (See page 51 for a detailed explanation of these Specifications).
- Dimensions listed are per ANSI B16.9.
- Alloys stocked include Types 304, 304L, 316, 316L and 317L.

Nominal Pipe Size	Outside Diameter	W	Sch 10s	Weight	Sch 40s	Weight	Sch 80s	Weight
1/2	.840	1	.083	.03	.109	.12	.147	.15
3/4	1.05	1	.083	.03	.113	.16	.154	.20
1	1.31	1 1/2	.109	.10	.133	.20	.179	.30
1 1/4	1.66	1 1/2	.109	.13	.140	.30	.191	.40
1 1/2	1.90	1 1/2	.109	.23	.145	.40	.200	.50
2	2 3/8	1 1/2	.109	.30	.154	.60	.218	.75
2 1/2	2 7/8	1 1/2	.120	.40	.203	.90	.276	1.0
3	3 1/2	2	.120	.72	.216	1.5	.300	1.8
4	4 1/2	2 1/2	.120	1.3	.237	2.5	.318	3.0
5	5 9/16	3	.134	2.3	.258	4.5	.375	5.5
6	6 5/8	3 1/2	.134	3.3	.280	6.5	.432	10.1
8	8 5/8	4	.148	5.5	.322	12.1	.500	16.2
10	10 3/4	5	.165	11.0	.365	20.1	.500	28.0
12	12 3/4	6	.180	14.5	.375	30.2	.500	36.1

Dimensions are in inches. All weights are in pounds, based on a metal density of .29 lb/in³