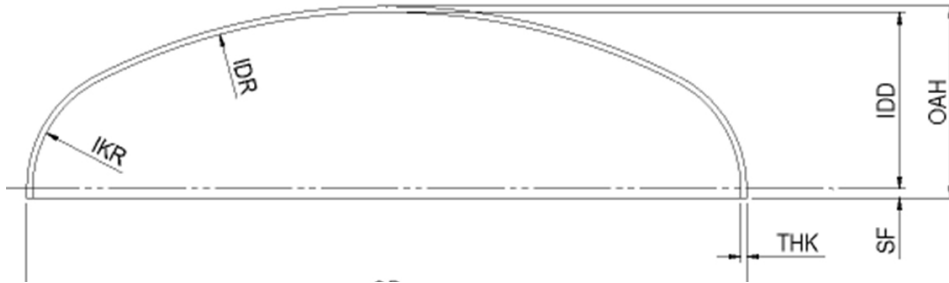




## 2:1 Elliptical

### Specifications

- Inside Dish Radius:** Approximately 80% of diameter (See ASME Section VIII, Division I, UG-32 for clarification)
- Inside Knuckle Radius:** Approximately 15% of diameter (See ASME Section VIII, Division I, UG-32 for clarification)
- Typical Thin Out Allowance:** 1/2" and under – Add .0625" to the minimum  
Over 1/2" – Add 15% to 20% of minimum depending on thickness and diameter



- IKR:** Inside Knuckle Radius
- IDR:** Inside Dish Radius
- THK:** Thickness
- OD:** Outside Diameter
- SF:** Straight Flange
- IDD:** Inside Depth of Dish
- OAH:** Overall Height

### Capabilities

Diameter	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"	1-3/8"	1-1/2"	1-3/4"
6.625	●	●	●	●								
8.625	●	●	●	●								
10.75	●	●		●								
12.75	●	●		●								
14	●	●		●	●							
16	●	●		●	●							
18	●	●	●	●	●							
20	●	●	●	●	●							
24	●	●	●	●	●							
40	●	●	●	●	●	●						
48	●	●	●	●	●	●	●	●				
60	●	●	●	●	●	●	●	●				
72	●	●	●	●	●	●	●	●	●	●	●	
84	●	●	●	●	●	●	●	●	●	●	●	●
96	●	●	●	●	●	●	●	●	●	●	●	●
120		●	●	●	●	●	●	●	●	●	●	●
144		●	●	●	●	●	●	●	●	●	●	●
168			●	●	●	●	●	●	●	●	●	●
180			●	●	●	●	●	●	●	●	●	●
192			●	●	●	●	●	●	●	●	●	
216				●	●	●	●	●	●			
240				●	●	●	●	●	●			

Heads over 240" can be fabricated as segmented heads. Heads over 1-1/2" on application. Parameters are given as reference only. Please contact a sales representative for specific inquiries. Other sizes and thicknesses, including light gauge jacket heads, are available upon application.