

CAROLINA FABRICATORS INC.

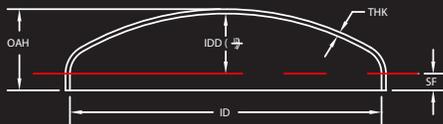
CUSTOM METAL FABRICATION & WELDING



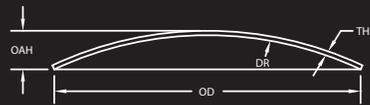
HEAD DIVISION
 (800) 794-0322 - FAX (803) 794-8455
 www.carolinafab.com



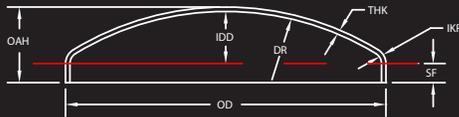
For all of your ASME coded & non-standard heads, please give us a call!!!



ASME ELLIPTICAL
 36" O.D. thru 96" O.D.
 5/16" thru 5/8" thick



DISHED ONLY
 12" O.D. thru 174" O.D.
 *10GA thru 1" thick



ASME CODE FLANGED & DISHED
 24" O.D. thru 162" O.D.
 10GA thru 5/8" thick



FLANGED ONLY
 24" O.D. thru 168" O.D.
 *10GA thru 1/2" thick

DIAMETER (ID or OD):

Heads can be formed to outside diameter or inside diameter. However to ensure accuracy, the circumference dimension is held in lieu of the diameter.

THICKNESS (THK):

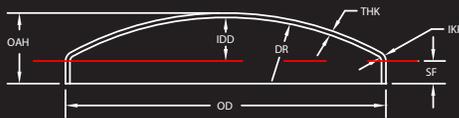
Thickness is considered nominal unless a minimum after forming is specified.

DISH RADIUS (DR):

Dish radius is nominally equal to 100% of diameter. Exceptions are an ASME head with a drop in the dish, and 80/10 design with dish radius equal to 80% of the diameter. The elliptical heads have no true dish radius.

INSIDE CORNER RADIUS (ICR) KNUCKLE RADIUS (KR):

On non-code heads, the knuckle radius is normally equal to three times the thickness of the material or the manufacturer's standard. Knuckle radius on ASME heads is a minimum of 6% of the diameter. On 80/10 heads the knuckle radius is 10% of the diameter.



STANDARD FLANGED & DISHED
 24" O.D. thru 168" O.D.
 *10GA thru 1" thick

STRAIGHT FLANGE (SF):

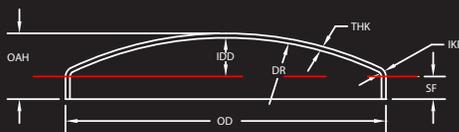
Straight flange is the straight portion of the head after the knuckle. Straight flanges are available from 1/2" up to 2".

INSIDE DISH DEPTH (IDD):

The IDD is the depth of the head at the center. It includes the knuckle radius but not the straight flange.

OVERALL HEIGHT (OH):

The OH is the dimension from the outside center of the head to the edge of the straight flange. The OH is obtained by adding the straight flange plus the material thickness to the inside dish depth.



FLANGED & SHALLOW DISHED
 24" O.D. thru 168" O.D.
 *10GA thru 1" thick

CENTER HOLE (CH):

All heads are formed with a maximum center hole diameter of 1-1/2". If a center hole cannot be permitted, we can plug and radiograph for a minimal charge.

* Reference: Depends on diameter and style

IF YOU'RE LOOKING TO GET A HEAD.....CALL US TODAY!!