

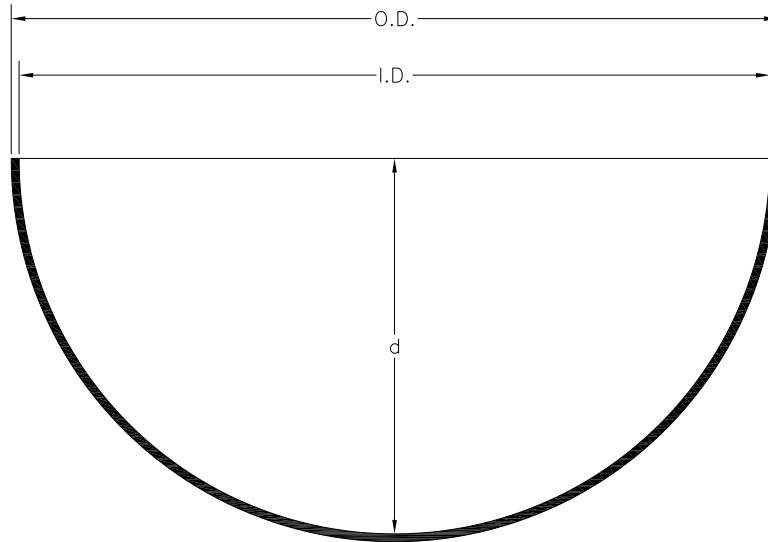
Hemispherical Heads

Nominal Thickness in inches

Sizes:		$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	$6\frac{1}{8}$	7	8
Inches	mm	9.52	12.70	15.87	19.05	22.22	25.4	28.57	31.75	34.92	38.1	41.27	44.45	50.8	57.15	63.5	69.85	76.2	82.55	88.9	101.60	114.30	127.00	139.70	155.57	177.80	203.20
8 $\frac{5}{8}$ OD	219	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 $\frac{3}{4}$ OD	273	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-
12 $\frac{3}{4}$ OD	324	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-
14 OD	356	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-
16 OD	406	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-
18 OD	457	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-
18 ID	457	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-
20 OD	508	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-
20 ID	508	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-
22 OD	559	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-
22 ID	559	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-
24 OD	610	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-
24 ID	610	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-
26 OD	660	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-
26 ID	660	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-
28 OD	711	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-
30 OD	762	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-
30 ID	762	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-
36 OD	914	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-
36 ID	914	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-
39 $\frac{3}{8}$ ID	1000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-
42 ID	1067	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-
48 ID	1219	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-
54 ID	1372	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-	-
60 ID	1524	-	-	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-
66 ID	1676	-	-	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-
72 ID	1829	-	-	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-
78 ID	1981	-	-	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6
84 ID	2134	-	-	-	4	4	4	4	4	4	4	6	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6
90 ID	2286	-	-	-	-	-	4	4	4	4	4	6	4	4	4	4	4	4	4	6	6	6	6	6	6	6	6
96 ID	2438	-	-	-	-	-	4	4	4	4	4	6	4	4	4	4	4	4	6	6	6	6	6	6	6	6	6
↓ (in 6" increments)																											
144 ID	3658	-	-	-	-	-	4	4	4	4	4	6	4	4	4	4	4	4	6	6	6	6	6	6	6	6	6

Some diameters can also be formed from material:
 $\frac{1}{4}$ " (6.4 mm) • $\frac{3}{8}$ " (9.5 mm) • $\frac{1}{2}$ " (12.7 mm)

Hemispherical Heads



O.D. - Outside Diameter

I.D. - Inside Diameter

d - Inside Depth = $1/2$ of I.D.

Hemispherical heads are made to order
in the sizes on the back of this insert.

