

Tank Heads



851 N Belcrest | Springfield, MO 65802
sales@cmc-letco.com | cmc-letco.com
Phone: (417) 831-1528 | Fax: (417) 831-1578

CMC Letco Ind builds custom fabricated tank heads from some of the most challenging alloys in the industry, including Hastelloy, AL6-XN and Titanium.

Capacity:

Diameters from 16" to 168"

Thickness (based on 300 series stainless)

Flanged and dished: 14 gauge—3/4" thick

Conical/toriconical 14 gauge—1/2" thick

Hemispherical 10 gauge—3/8" thick

Material Finishes

Mill or 2B

Straight grain polish to #320 grit ID/OD

Spin polish to #320 grit ID/OD

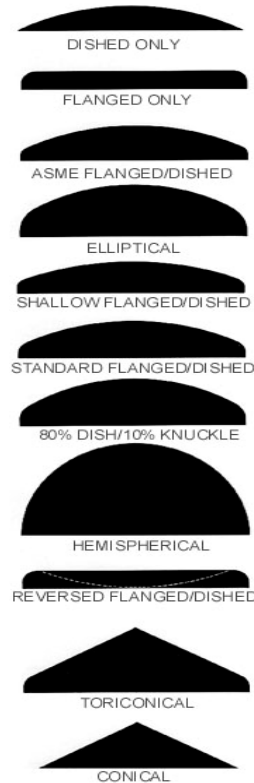
Services available:

X-ray

Dye Penetrant

PMI

Nozzles/Fittings/Manways installed



Available Materials

Stainless steel

- *300 series:* 304/304L, 316/316L, 317/317L, 304H, 309S, 310S, 347
- *400 series:* 409, 410, 410S, 430
- *200 series:* 201, 201L
- *Duplex:* 2205, 2507, 2101

Alloys

- *Pure Nickel:* 200, 201
- *Monel®:* 400, 401
- *Inconel®:* 600, 601, 625
- *Incoloy®:* 800, 800H, 825
- *Hastelloy®:* C-276, C-22®, C-2000®, B, B-2, B-3®, G, G-3, G-30®
- *Nickel Alloy:* Alloy 20, 20Cb3®, 904L
- *6-Moly:* AL-6XN®, 254SMO®, 926-MO®, 1925hMO®, SSC-6MO, 25-6MO

Reactive/Exotic

- *Titanium:* Grades 1, 2, 3, 7
- *Zirconium:* Grades 702, 705

To learn more

Visit our website: www.cmc-letco.com

Call us: (417) 831-1528

Email: sales@cmc-letco.com

Tank Heads



851 N Belcrest | Springfield, MO 65802
 sales@cmc-letco.com | cmc-letco.com
 Phone: (417) 831-1528 | Fax: (417) 831-1578

COMMON HEAD DIMENSIONS AND VOLUMES

ID	STANDARD F&D				ASME F&D				90-8 F&D				80-10 F&D				CMC LETCO ELLIPTICAL			
	DR	KR	IDD	VOL*	DR	KR	IDD	VOL*	DR	KR	IDD	VOL*	DR	KR	IDD	VOL*	DR	KR	IDD	VOL*
16	16	1.00	2.734	1.5	16	1.00	2.734	1.5	-	-	-	-	-	-	-	-	-	-	-	-
18	18	1.00	3.000	2.0	18	1.00	3.000	2.0	-	-	-	-	-	-	-	-	-	-	-	-
20	20	1.00	3.267	2.6	20	2.00	3.875	3.4	18.0	2.00	4.144	3.6	16.0	2.00	4.511	3.8	-	-	-	-
24	24	1.00	3.801	4.4	24	2.00	4.404	5.5	21.5	2.00	4.759	5.8	19.0	2.00	5.252	6.2	-	-	-	-
30	30	1.00	4.603	8.1	30	2.00	5.201	9.8	27.0	3.50	6.506	12.9	24.0	3.50	7.029	13.6	22.0	3.50	7.509	14.3
36	36	2.00	6.000	16.0	36	3.50	6.914	19.7	32.5	3.50	7.385	20.6	29.0	3.50	8.024	21.9	27.0	4.50	9.000	24.9
42	42	2.00	6.801	24.2	42	3.50	7.707	29.3	38.0	3.50	8.268	30.8	34.0	4.50	9.546	35.9	33.5	6.00	10.452	40.6
48	48	2.00	7.602	34.8	48	3.50	8.503	41.6	43.0	4.50	9.804	48.4	38.0	4.50	10.760	51.8	39.0	7.25	12.028	61.7
54	54	2.00	8.404	48.2	54	3.50	9.301	56.7	49.0	4.50	10.607	65.4	43.0	6.00	12.537	78.0	46.0	8.63	13.457	89.9
60	60	2.00	9.206	64.5	60	4.50	10.705	82.1	54.0	6.00	12.431	96.7	48.0	6.00	13.533	102.7	52.5	10.00	15.000	123.7
66	66	2.00	10.009	84.1	66	4.50	11.502	105.4	60.0	6.00	13.235	123.4	52.0	6.00	14.758	133.7	54.0	10.00	16.490	160.3
72	72	2.00	10.812	107.4	72	4.50	12.301	132.7	65.0	6.00	14.196	155.6	58.0	7.25	16.179	177.3	63.0	12.00	18.000	213.8
78	78	2.00	11.615	134.5	78	6.00	14.008	182.0	70.0	7.25	15.875	206.7	62.0	7.25	17.396	221.0	64.5	12.00	19.475	265.5
84	84	2.00	12.418	165.9	84	6.00	14.805	221.0	76.0	7.25	16.679	249.9	67.0	8.63	19.109	285.1	66.0	12.00	21.100	326.8
90	90	2.00	13.221	201.8	90	6.00	15.602	265.1	81.0	7.25	17.644	300.6	72.0	8.63	20.106	341.8	69.0	12.00	22.524	394.9
96	96	2.00	14.024	242.5	96	6.00	16.401	314.5	87.0	8.63	19.237	378.6	77.0	10.00	21.818	426.4	84.0	16.00	24.000	506.9
102	102	2.00	14.828	288.3	102	7.25	17.955	395.0	92.0	8.63	20.199	444.9	82.0	10.00	22.814	499.9	85.0	16.00	25.536	597.9
108	108	2.00	15.631	339.5	108	7.25	18.753	459.2	97.0	8.63	21.166	518.6	86.0	10.00	24.032	585.4	87.0	16.00	27.025	699.0
114	114	2.00	16.435	396.5	114	7.25	19.552	529.9	103.0	10.00	22.950	629.0	91.0	12.00	26.069	718.6	89.5	16.00	28.498	811.0
120	120	2.00	17.238	459.5	120	7.25	20.351	607.3	108.0	10.00	23.715	721.4	96.0	12.00	27.065	822.0	-	-	-	-
126	126	2.00	18.042	528.8	126	8.63	21.983	734.5	114.0	10.00	24.518	818.2	101.0	12.00	28.062	934.6	-	-	-	-
132	132	2.00	18.845	604.7	132	8.63	22.781	830.6	120.0	12.00	26.469	986.9	106.0	12.00	29.058	1056.8	-	-	-	-
138	138	2.00	19.649	687.6	138	8.63	23.579	934.5	124.0	12.00	27.589	1115.4	111.0	12.00	30.056	1188.9	-	-	-	-
144	144	3.50	21.330	838.7	144	8.63	24.379	1046.6	129.0	12.00	28.556	1249.6	115.0	16.00	33.361	1477.1	-	-	-	-
150	150	3.50	22.133	941.5	150	10.00	26.004	1227.3	135.0	12.00	29.359	1388.4	120.0	16.00	34.355	1643.0	-	-	-	-
156	156	3.50	22.936	1052.4	156	10.00	26.802	1361.6	140.0	12.00	30.328	1543.0	125.0	16.00	35.351	1820.5	-	-	-	-
162	162	3.50	23.739	1171.6	162	10.00	27.601	1505.1	146.0	16.00	33.417	1893.1	-	-	-	-	-	-	-	-
168	168	3.50	24.543	1299.5	168	12.00	29.609	1768.2	151.0	16.00	34.377	2083.6	-	-	-	-	-	-	-	-

Maximum FOD, Including SF, Is 37.5" ; Volumes Are In US Gallons

*ABOVE VALUES DO NOT INCLUDE THE STRAIGHT FLANGE