

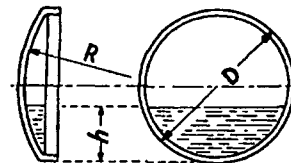
TABLE 47-D2

CAPACITIES OF STANDARD DISHED HEADS WHEN FILLED TO VARIOUS DEPTHS
Contents given in U S gallons for one head only

Diam of Head (in.)	Depth of Liquid, In = h																				
	Full Head	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
12	0 40	0 05	0 20																		
18	1 38	07	32	0 68																	
24	3 22	08	41	95	1 61																
30	6 30	10	49	1 18	2 10	3 15															
36	10 88	11	56	1 39	2 54	3 92	5 44														
42	17 28	12	63	1 59	2 94	4 64	6 57	8 64													
48	25 79	13	68	1 75	3 31	5 29	7 62	10 19	12 89												
54	36 72	14	74	1 90	3 64	5 90	8 60	11 65	14 95	18 36											
60	50 37	14	82	2 07	3 98	6 49	9 54	13 03	16 87	20 96	25 18										
66	67 04	15	83	2 19	4 25	6 98	10 35	14 30	18 68	23 43	28 42	33 52									
72	87 04	16	88	2 32	4 52	7 47	11 15	15 48	20 38	25 74	31 46	37 43	43 52								
78	110 66	17	93	2 44	4 79	7 97	11 94	16 65	22 02	27 87	34 39	41 16	48 20	55 33							
84	138 22	18	98	2 59	5 07	8 44	12 69	17 78	23 60	30 11	37 19	44 75	52 67	60 83	69 11						
90	170 01	18	1 00	2 68	5 33	8 91	13 44	18 86	25 12	32 18	39 90	48 22	56 99	66 14	75 52	85 00					
96	206 32	20	1 07	2 83	5 59	9 36	14 14	19 90	26 60	34 17	42 52	51 53	61 13	71 22	81 66	92 34	103 16				
102	247 48	22	1 14	3 01	5 89	9 87	14 92	21 01	28 11	36 18	45 19	54 91	65 31	76 29	87 73	99 56	111 59	123 74			
108	293 77	20	1 13	3 03	6 04	10 21	15 50	21 93	29 47	38 03	47 56	57 97	69 14	81 05	93 53	106 47	119 76	133 26	146 88		
114	345 51	21	1 16	3 12	6 25	10 55	16 06	22 80	30 70	39 73	49 81	60 88	72 85	85 61	99 05	113 07	127 56	142 41	157 51	172 75	
120	402 27	21	1 19	3 23	6 47	10 93	16 68	23 70	31 96	41 43	52 04	63 73	76 40	89 95	104 32	119 39	135 04	151 15	167 62	184 32	201 13

Radius = Diameter

To ascertain the contents of a head over one-half full. Let h = depth of unfilled portion. Find from the table the quantity corresponding to a depth h . Subtract this quantity from the contents of a full head.



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Courtesy Lukens Steel Company