

# IDS WATER WELL CASING

## BS 879 Screwed and Socketed Casing 'V' FORM THREAD, TAPER SCREWING

**Imperial - Table 1**

Casing				Socket		
O.D. Dia.	I.D. Dia.	Wall Thickness	Weight Per Foot	O.D. Dia.	Overall Length	Socket Weight
Ins	Ins	Ins	Lbs	Ins	Ins	Lbs
4 1/2	4	0.248	11.3	5 1/8	4 1/2	8.51
6 5/8	6	0.311	21.2	7 1/4	5	13.8
8 5/8	8	0.311	27.9	9 5/16	6	24.5
10 3/7	10	0.374	41.6	11 7/16	7	39.6
12 3/4	12	0.374	49.6	13 5/8	7	50.1
14	13 1/4	0.374	54.6	14 7/8	8	62.5
16	15 1/4	0.374	62.6	16 7/8	8	71.4

**Metric - Table 1**

Casing				Socket		
O.D. Dia.	I.D. Dia.	Wall Thickness	Weight Per Foot	O.D. Dia.	Overall Length	Socket Weight
mm	mm	mm	Kg	mm	mm	Kg
114.3	101.7	6.3	5.1	130	114.3	3.8
168.3	152.3	7.9	9.6	184	127.0	6.2
219.1	203.1	7.9	12.6	237	152.4	11.1
273	254	9.5	18.8	291	177.8	17.9
323.9	304.9	9.5	22.4	346	177.8	22.7
355.6	336.6	9.5	24.7	378	203.2	28.3
406.4	387.4	9.5	28.3	429	203.2	32.3

Bevelled end casing available upon request

## BS 879 Flush Butt Jointed Casing SQUARE FORM PARALLEL THREADS

**Imperial - Table 2**

Outside Dia. Ins.	Inside Dia. Ins.	Wall Thickness Ins.	Weight Per Foot Lbs
4 1/2	3 7/8	0.312	14.0
5 1/2	4 7/8	0.312	17.4
6 5/8	5 7/8	0.375	25.0
8 5/8	7 7/8	0.375	33.0
10 3/4	9 7/8	0.438*	48.0
12 3/4	11 7/8	0.438*	57.3
14	13 1/8	0.438*	63.1
16	15	0.500	82.0
19	18	0.500	98.8
22	21	0.500	114.0
24	23	0.500	123.0

**Metric - Table 2**

Outside Dia. Mm	Inside Dia. Mm	Wall Thickness mm	Weight Per Foot mm
114.2/7	98.4	7.92	6.34
139.7	123.8	7.92	7.80
168.2	149.2	9.52	11.30
219	200	9.52	14.90
273	250.8	11.10	21.70
323.8	301.6	11.10	25.90
355.6	333.3	11.10	28.60
406.4	381	12.70	37.10
482.6	457.2	12.70	44.80
558.8	533.4	12.70	51.60
610	585	12.70	56.10

\* This wall thickness not always available – 0.50" (12.7mm) could be offered as an alternative

# Casing to API Specification

## DIMENSIONS AND WEIGHTS - CASING AND COUPLING

### Short Round Thread

Nominal Weight				Calculated Weight	
Size Outside Dia.	Threads & Coupling lb/ft	Wall Thickness	Inside Dia.	Plain End	Threads & Coupling
4 ½	9.5	0.205	4.09	9.4	4.2
4 ½	10.5	0.224	4.052	10.23	3.8
4 ½	11.6	0.25	4	11.35	3.4
5 ½	14	0.244	5.012	13.7	5.4
5 ½	15.5	0.275	4.95	15.35	4.8
5 ½	17	0.304	4.892	16.87	4.4
6 5/8	20	0.288	6.049	19.49	11
6 5/8	24	0.352	5.921	23.58	9.6
7	17	0.231	6.538	16.7	10
7	20	0.272	6.456	19.54	9.4
7	23	0.317	6.366	22.63	8
7	26	0.362	6.276	25.66	7.2
7 5/8	24	0.3	7.025	23.47	15.8
7 5/8	26.4	0.328	6.969	25.56	15.2
8 5/8	24	0.264	8.097	23.57	23.6
8 5/8	28	0.304	8.017	27.02	22.2
8 5/8	32	0.352	7.921	31.1	20.8
8 5/8	36	0.4	7.825	35.14	19.4
9 5/8	32.3	0.312	9.001	31.03	24.4
9 5/8	36	0.352	8.921	34.86	23
9 5/8	40	0.395	8.835	38.94	21.4
10 ¾	32.75	0.279	10.192	31.2	29
10 ¾	40.5	0.35	10.05	38.88	26.4
10 ¾	45.5	0.4	9.95	44.22	24.4
10 ¾	51	0.45	9.85	49.5	22.6
10 ¾	55.5	0.495	9.76	54.21	20.8
13 3/8	48	0.33	12.715	45.98	33.2
13 3/8	54.5	0.38	12.615	52.74	30.8
13 3/8	61	0.43	12.515	59.45	28.4
13 3/8	68	0.48	12.415	66.11	25.8
13 3/8	72	0.514	12.347	70.6	24.2
16	65	0.375	15.25	62.58	42.6
16	75	0.438	12.124	72.72	38.2
16	84	0.495	15.01	81.97	34.2
18 3/8	87.5	0.435	17.755	84.51	73.6
20	94	0.438	19.124	91.51	47
20	106.5	0.5	19	104.13	41.6
20	133	0.635	18.73	131.33	30

### Long Round Thread

Nominal Weight				Calculated Weight	
Size Outside Dia.	Threads & Coupling lb/ft	Wall Thickness	Inside Dia.	Plain End	Threads & Coupling
4 ½	11.6	0.25	4	11.35	3.8
4 ½	13.5	0.29	3.92	13.04	3.2
5 ½	15.5	0.275	4.95	15.35	5.8
5 ½	17	0.304	4.892	16.87	5.4
5 ½	20	0.361	4.778	19.81	4.4
5 ½	23	0.415	4.67	22.54	3.2
6 5/8	20	0.288	6.049	19.49	13.6
6 5/8	24	0.352	5.921	23.58	12
6 5/8	28	0.417	5.791	27.65	10.2
6 5/8	32	0.475	5.675	31.2	8.8
7	23	0.317	6.366	22.63	10.4
7	26	0.362	6.276	25.66	9.4
7	29	0.408	6.184	28.72	8
7	32	0.453	6.094	31.68	6.6
7	35	0.498	6.004	34.58	5.6
7	38	0.54	5.92	37.26	4.4
7 5/8	26.4	0.328	6.969	25.56	19
7 5/8	29.7	0.375	6.875	29.04	17.4
7 5/8	33.7	0.43	6.765	33.04	15.8
7 5/8	39	0.5	6.625	38.05	13.6
8 5/8	32	0.352	7.921	31.1	27.6
8 5/8	36	0.4	7.825	35.14	25.6
8 5/8	40	0.45	7.725	39.29	23.8
8 5/8	44	0.5	7.625	43.39	21.8
8 5/8	49	0.557	7.511	48	19.6
9 5/8	36	0.352	8.921	34.86	32
9 5/8	40	0.395	8.835	38.94	30
9 5/8	43.5	0.435	8.755	42.7	28.2
9 5/8	47	0.472	8.681	46.14	26.6
9 5/8	53.5	0.545	8.535	52.85	23.4
20	94	0.438	19.124	91.51	61.2
20	106.5	0.5	19	140.13	54.8
20	133	0.635	18.73	131.33	40.6