

Casing Pipe Dimensions and Weight Chart for API round thread and buttress thread

Lables		Outside diameter	Nominal linear mass T&C	Wall thickness	Inside diameter	Drift diameter	Calculated mass C				
							Plain end	Mass gain or loss due to end finishing (lb)			
								Round thread		Buttress thread	
1	2.00	D (in)	lb/ft	t (in)	d (in)	in	lb/ft	Short	Long	RC	SCC
1	2	3	4	5	6	7	8	9	10	11	12
4 1/2	9.50	4.500	9.50	0.205	4.090	3.965	9.41	4.20			
4 1/2	10.50	4.500	10.50	0.224	4.052	3.927	10.24	3.80		5.00	2.56
4 1/2	11.60	4.500	11.60	0.250	4.000	3.875	11.36	3.40	3.80	4.60	2.16
4 1/2	13.50	4.500	13.50	0.290	3.920	3.795	13.05		3.20	4.00	1.56
4 1/2	15.10	4.500	15.10	0.337	3.826	3.701	15.00		2.80	3.20	0.76
5	11.50	5.000	11.50	0.220	4.560	4.435	11.24	5.40			
5	13.00	5.000	13.00	0.253	4.494	4.369	12.84	4.80	5.80	6.60	2.42
5	15.00	5.000	15.00	0.296	4.408	4.283	14.88	4.20	5.20	5.80	1.62
5	18.00	5.000	18.00	0.362	4.276	4.151	17.95		4.20	4.40	0.22
5	21.40	5.000	21.40	0.437	4.126	4.001	21.32		2.95	2.46	-1.72
5	23.20	5.000	23.20	0.478	4.044	3.919	23.11		2.30	2.05	-2.09
5	24.10	5.000	24.10	0.500	4.000	3.875	24.05		1.95	1.24	-2.94
5 1/2	14.00	5.500	14.00	0.244	5.015	4.887	13.71	5.40			
5 1/2	15.50	5.500	15.50	0.275	4.950	4.825	15.36	4.80	5.80	6.40	2.10
5 1/2	17.00	5.500	17.00	0.304	4.892	4.767	16.89	4.40	5.40	5.80	1.50
5 1/2	20.00	5.500	20.00	0.361	4.778	4.653	19.83		4.40	4.60	0.30
5 1/2	23.00	5.500	23.00	0.415	4.670	4.545	22.56		3.20	3.40	0.90
5 1/2	26.80	5.500	26.80	0.500	4.500	4.375	26.72				
5 1/2	29.70	5.500	29.70	0.562	4.376	4.251	29.67				
5 1/2	32.60	5.500	32.60	0.625	4.250	4.125	32.57				
5 1/2	35.30	5.500	35.30	0.687	4.126	4.001	35.35				
5 1/2	38.00	5.500	38.00	0.750	4.000	3.875	38.08				
5 1/2	40.50	5.500	40.50	0.812	3.876	3.751	40.69				
5 1/2	43.10	5.500	43.10	0.875	3.750	3.625	43.26				
6 5/8	20.00	6.625	20.00	0.288	6.049	5.924	19.51	11.00	13.60	14.40	2.38
6 5/8	24.00	6.625	24.00	0.352	5.921	5.796	23.60	9.60	12.00	12.60	0.58
6 5/8	28.00	6.625	28.00	0.417	5.791	5.666	27.67		10.20	10.60	-1.42
6 5/8	32.00	6.625	32.00	0.475	5.675	5.550	31.23		8.80	9.00	-3.02
7	17.00	7.000	17.00	0.231	6.538	6.413	16.72	10.00			
7	20.00	7.000	20.00	0.272	6.456	6.331	19.56	9.40			
7	23.00	7.000	23.00	0.317	6.366	6.250	22.65	8.00	10.40	11.00	1.60
7	23.00	7.000	23.00	0.317	6.366	6.241	22.65	8.00	10.40	11.00	1.60
7	26.00	7.000	26.00	0.362	6.276	6.151	25.69	7.20	9.40	9.60	0.20
7	29.00	7.000	29.00	0.408	6.184	6.059	28.75		8.00	8.20	1.20
7	32.00	7.000	32.00	0.453	6.094	6.000	31.70		6.60	6.80	2.60
7	32.00	7.000	32.00	0.453	6.094	5.969	31.70		6.60	6.80	2.60
7	35.00	7.000	35.00	0.498	6.004	5.879	34.61		5.60	5.60	3.80
7	38.00	7.000	38.00	0.540	5.920	5.795	37.29		4.40	4.20	5.20
7	42.70	7.000	42.70	0.625	5.750	5.625	42.59				
7	46.40	7.000	46.40	0.687	5.625	5.500	46.36				
7	50.10	7.000	50.10	0.750	5.500	5.375	50.11				
7	53.60	7.000	53.60	0.812	5.376	5.251	53.71				
7	57.10	7.000	57.10	0.875	5.250	5.125	57.29				

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								Round thread		Buttress thread	
1	2.00	D (in)	lb/ft	t (in)	d (in)	in	lb/ft	Short	Long	RC	SCC
1	2	3	4	5	6	7	8	9	10	11	12
7 5/8	24.00	7.625	24.00	0.300	7.025	6.900	23.49	15.80			
7 5/8	26.40	7.625	26.40	0.328	6.969	6.844	25.59	15.20	19.00	20.60	6.21
7 5/8	29.70	7.625	29.70	0.375	6.875	6.750	29.06		17.40	18.80	4.41
7 5/8	33.70	7.625	33.70	0.430	6.765	6.640	33.07		15.80	17.00	2.61
7 5/8	39.00	7.625	39.00	0.500	6.625	6.500	38.08		13.60	14.60	0.21
7 5/8	42.80	7.625	42.80	0.562	6.501	6.376	42.43		12.01	11.39	-3.01
7 5/8	45.30	7.625	45.30	0.595	6.435	6.310	44.71		11.04	11.04	-3.36
7 5/8	47.10	7.625	47.10	0.625	6.375	6.250	46.77		10.16	9.23	-5.17
7 5/8	51.20	7.625	51.20	0.687	6.251	6.126	50.95				
7 5/8	55.30	7.625	55.30	0.750	6.125	6.000	55.12				
7 3/4	46.10	7.750	46.10	0.595	6.560	6.500	45.51				
7 3/4	46.10	7.750	46.10	0.595	6.560	6.435	45.51				
8 5/8	24.00	8.625	24.00	0.264	8.097	7.972	23.60	23.60			
8 5/8	28.00	8.625	28.00	0.304	8.017	7.892	27.04	22.20			
8 5/8	32.00	8.625	32.00	0.352	7.921	7.875	31.13	20.80	27.60	28.30	6.03
8 5/8	32.00	8.625	32.00	0.352	7.921	7.796	31.13	20.80	27.60	28.20	6.03
8 5/8	36.00	8.625	36.00	0.400	7.825	7.700	35.17	19.40	25.60	26.20	4.03
8 5/8	40.00	8.625	40.00	0.450	7.725	7.625	39.33		23.80	24.20	2.03
8 5/8	40.00	8.625	40.00	0.450	7.725	7.600	39.33		23.80	24.20	2.03
8 5/8	44.00	8.625	44.00	0.500	7.625	7.500	43.43		21.80	22.20	0.03
8 5/8	49.00	8.625	49.00	0.557	7.511	7.286	48.04		19.60	19.80	-2.37
9 5/8	32.30	9.625	32.30	0.312	9.001	8.845	31.06	24.40			
9 5/8	36.00	9.625	36.00	0.352	8.921	8.876	34.89	23.00	32.00	31.00	6.48
9 5/8	40.00	9.625	40.00	0.395	8.835	8.750	38.97	21.40	30.00	29.00	4.48
9 5/8	40.00	9.625	40.00	0.395	8.835	8.679	38.97	21.40	30.00	29.00	4.48
9 5/8	43.50	9.625	43.50	0.435	8.755	8.599	42.73		28.20	27.20	2.68
9 5/8	47.00	9.625	47.00	0.472	8.681	8.525	46.18		26.60	25.60	1.08
9 5/8	53.50	9.625	53.50	0.545	8.535	8.500	52.90		23.40	22.40	-2.12
9 5/8	53.50	9.625	53.50	0.545	8.535	8.379	52.90		23.40	22.40	-2.12
9 5/8	58.40	9.625	58.40	0.595	8.435	8.375	57.44		21.50	20.13	-4.40
9 5/8	58.40	9.625	58.40	0.595	8.435	8.279	57.44		21.50	20.13	-4.40
9 5/8	59.40	9.625	59.40	0.609	8.407	8.251	58.70				
9 5/8	64.90	9.625	64.90	0.672	8.281	8.125	64.32				
9 5/8	70.30	9.625	70.30	0.734	8.157	8.001	69.76				
9 5/8	75.60	9.625	75.60	0.797	8.031	7.875	75.21				
10 3/4	32.75	10.750	32.75	0.279	10.192	10.036	31.23	29.00			
10 3/4	40.50	10.750	40.50	0.350	10.050	9.894	38.91	26.40		34.40	7.21
10 3/4	45.50	10.750	45.50	0.400	9.950	9.875	44.26	24.40		31.80	4.61
10 3/4	45.50	10.750	45.50	0.400	9.950	9.794	44.26	24.40		31.80	4.61
10 3/4	51.00	10.750	51.00	0.450	9.850	9.694	49.55	22.60		29.40	2.21
10 3/4	55.50	10.750	55.50	0.495	9.760	9.625	54.26	20.80		27.00	-0.19
10 3/4	55.50	10.750	55.50	0.495	9.760	9.604	54.26	20.80		27.00	-0.19
10 3/4	60.70	10.750	60.70	0.545	9.660	9.504	59.45	18.80		24.40	
10 3/4	65.70	10.750	65.70	0.595	9.560	9.404	64.59	16.80		22.00	
10 3/4	73.20	10.750	73.20	0.672	9.406	9.250	72.40				
10 3/4	79.20	10.750	79.20	0.734	9.282	9.126	78.59				
10 3/4	85.30	10.750	85.30	0.797	9.156	9.000	84.80				

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							Plain end	Mass gain or loss due to end finishing (lb)		Buttress thread	
1	2.00	D (in)	lb/ft	t (in)	d (in)	in		lb/ft	Short	Long	RC
1	2	3	4	5	6	7	8	9	10	11	12
11 3/4	42.00	11.750	42.00	0.333	11.084	11.000	40.64	29.60			
11 3/4	42.00	11.750	42.00	0.333	11.084	10.928	40.64	29.60			
11 3/4	47.00	11.750	47.00	0.375	11.000	10.844	45.60	27.60		35.80	
11 3/4	54.00	11.750	54.00	0.435	10.880	10.724	52.62	25.00		32.40	
11 3/4	60.00	11.750	60.00	0.489	10.772	10.625	58.87	22.60		29.60	
11 3/4	60.00	11.750	60.00	0.489	10.772	10.616	58.87	22.60		29.60	
11 3/4	65.00	11.750	65.00	0.534	10.682	10.625	64.03				
11 3/4	65.00	11.750	65.00	0.534	10.682	10.625	64.03				
11 3/4	71.00	11.750	71.00	0.582	10.586	10.430	69.48				
13 3/8	48.00	13.375	48.00	0.330	12.715	12.559	46.02	33.20			
13 3/8	54.50	13.375	54.50	0.380	12.615	12.459	52.79	30.80		40.20	
13 3/8	61.00	13.375	61.00	0.430	12.515	12.359	59.50	28.40		36.80	
13 3/8	68.00	13.375	68.00	0.480	12.415	12.259	66.17	25.80		33.60	
13 3/8	72.00	13.375	72.00	0.514	12.347	12.250	70.67	24.20		31.60	
13 3/8	72.00	13.375	72.00	0.514	12.347	12.191	70.67	24.20		31.60	
16	65.00	16.000	65.00	0.375	15.250	15.062	62.64	42.60			
16	75.00	16.000	75.00	0.438	15.124	14.936	72.86	38.20		45.60	
16	84.00	16.000	84.00	0.495	15.010	14.822	82.05	34.20		39.60	
16	109.00	16.000	109.00	0.656	14.688	14.500	107.60				
18 5/8	87.50	18.625	87.50	0.435	17.755	17.567	84.59	73.60		86.40	
20	94.00	20.000	94.00	0.438	19.124	18.936	91.59	47.00	61.20	54.80	
20	106.50	20.000	106.50	0.500	19.000	18.812	104.23	41.60	54.80	48.40	
20	133.00	20.000	133.00	0.635	18.730	18.542	131.45	30.00	40.60	35.20	

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