

## API 5CT Casing

Labels		Outside diameter D	Nominal linear mass T&C	Wall thickness s t	J55	N80	L80	C90	P110	Q125
		mm	kg/m	mm	K55	1?Q?		T95		
1	2	3	4	5	6	7	8	9	10	11
4 ½	9.5	114.3	14.14	5.21	PS	-	-	-	-	-
4 ½	10.5	114.3	15.63	5.69	PSB	-	-	-	-	-
4 ½	11.6	114.3	17.26	6.35	PSLB	PLB	PLB	PLB	PLB	-
4 ½	13.5	114.3	20.09	7.37	-	PLB	PLB	PLB	PLB	-
4 ½	15.1	114.3	22.47	8.56	-	-	-	-	PLB	PLB
5	11.5	127	17.11	5.59	PS	-	-	-	-	-
5	13	127	19.35	6.43	PSLB	-	-	-	-	-
5	15	127	22.32	7.52	PSLBE	PLBE	PLBE	PLBE	PLBE	-
5	18	127	26.79	9.19	-	PLBE	PLBE	PLBE	PLBE	PLBE
5	21.4	127	31.85	11.1	-	PLB	PLB	PLB	PLB	PLB
5	23.2	127	34.53	12.14	-	PLB	PLB	PLB	PLB	PLB
5	24.1	127	35.86	12.7	-	PLB	PLB	PLB	PLB	PLB
5 ½	14	139.7	20.83	6.2	PS	-	-	-	-	-
5 ½	15.5	139.7	23.07	6.98	PSLBE	-	-	-	-	-
5 ½	17	139.7	25.3	7.72	PSLBE	PLBE	PLBE	PLBE	PLBE	-
5 ½	20	139.7	29.76	9.17	-	PLBE	PLBE	PLBE	PLBE	-
5 ½	23	139.7	34.23	10.54	-	PLBE	PLBE	PLBE	PLBE	PLBE
5 ½	26.8	139.7	39.88	12.7	-	-	-	P	-	-
5 ½	29.7	139.7	44.2	14.27	-	-	-	P	-	-
5 ½	32.6	139.7	48.51	15.88	-	-	-	P	-	-
5 ½	35.3	139.7	52.53	17.45	-	-	-	P	-	-
5 ½	38	139.7	56.55	19.05	-	-	-	P	-	-
5 ½	40.5	139.7	60.27	20.62	-	-	-	P	-	-
5 ½	43.1	139.7	64.14	22.22	-	-	-	P	-	-
6 5/8	20	168.28	29.76	7.32	PSLB	-	-	-	-	-
6 5/8	24	168.28	35.72	8.94	PSLBE	PLBE	PLBE	PLBE	PLBE	-
6 5/8	28	168.28	41.67	10.59	-	PLBE	PLBE	PLBE	PLBE	-
6 5/8	32	168.28	47.62	12.06	-	PLBE	PLBE	PLBE	PLBE	PLBE
7	17	177.8	25.3	5.87	-	-	-	-	-	-
7	20	177.8	29.76	6.91	PS	-	-	-	-	-
7	23	177.8	34.23	8.05	PSLBE	PLBE	PLBE	PLBE	-	-
7	26	177.8	38.69	9.19	PSLBE	PLBE	PLBE	PLBE	PLBE	-
7	29	177.8	43.16	10.36	-	PLBE	PLBE	PLBE	PLBE	-
7	32	177.8	47.62	11.51	-	PLBE	PLBE	PLBE	PLBE	-
7	35	177.8	52.09	12.65	-	PLBE	PLBE	PLBE	PLBE	PLBE

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7	38	177.8	56.55	13.72	-	PLBE	PLBE	PLBE	PLBE	PLBE
7	42.7	177.8	63.54	15.88	-	-	-	P	-	-
7	46.4	177.8	69.05	17.45	-	-	-	P	-	-
7	50	177.8	74.56	19.05	-	-	-	P	-	-
7	53.6	177.8	79.77	20.62	-	-	-	P	-	-
7	57.1	177.8	84.97	22.22	-	-	-	P	-	-
7 5/8	24	193.68	35.72	7.62	-	-	-	-	-	-
7 5/8	26.4	193.68	39.29	8.33	PSLBE	PLBE	PLBE	PLBE	-	-
7 5/8	29.7	193.68	44.2	9.52	-	PLBE	PLBE	PLBE	PLBE	-
7 5/8	33.7	193.68	50.15	10.92	-	PLBE	PLBE	PLBE	PLBE	-
7 5/8	39	193.68	58.04	12.7	-	PLBE	PLBE	PLBE	PLBE	PLBE
7 5/8	42.8	193.68	63.69	14.27	-	PLB	PLB	PLB	PLB	PLB
7 5/8	45.3	193.68	67.41	15.11	-	PLB	PLB	PLB	PLB	PLB
7 5/8	47.1	193.68	70.09	15.88	-	PLB	PLB	PLB	PLB	PLB
7 5/8	51	193.68	76.19	17.45	-	-	-	P	-	-
7 5/8	55.3	193.68	82.3	19.05	-	-	-	P	-	-
8 5/8	24	219.08	35.72	6.71	PS	-	-	-	-	-
8 5/8	28	219.08	41.67	7.72	-	-	-	-	-	-
8 5/8	32	219.08	47.62	8.94	PSLBE	-	-	-	-	-
8 5/8	36	219.08	53.57	10.16	PSLBE	PLBE	PLBE	PLBE	-	-
8 5/8	40	219.08	59.53	11.43	-	PLBE	PLBE	PLBE	PLBE	-
8 5/8	44	219.08	65.48	12.7	-	PLBE	PLBE	PLBE	PLBE	-
8 5/8	49	219.08	72.92	14.15	-	PLBE	PLBE	PLBE	PLBE	PLBE
9 5/8	32	244.48	48.07	7.92	-	-	-	-	-	-
9 5/8	36	244.48	53.57	8.94	PSLB	-	-	-	-	-
9 5/8	40	244.48	59.53	10.03	PSLBE	PLBE	PLBE	PLBE	-	-
9 5/8	43.5	244.48	64.73	11.05	-	PLBE	PLBE	PLBE	PLBE	-
9 5/8	47	244.48	69.94	11.99	-	PLBE	PLBE	PLBE	PLBE	PLBE
9 5/8	53.5	244.48	79.62	13.84	-	PLBE	PLBE	PLBE	PLBE	PLBE
9 5/8	58.4	244.48	86.91	15.11	-	PLB	PLB	PLB	PLB	PLB
9 5/8	59	244.48	88.4	15.47	-	-	-	P	-	-
9 5/8	64.9	244.48	96.58	17.07	-	-	-	P	-	-
9 5/8	70.3	244.48	104.62	18.64	-	-	-	P	-	-
9 5/8	75.6	244.48	112.5	20.24	-	-	-	P	-	-
10 3/4	32.75	273.05	48.74	7.09	-	-	-	-	-	-
10 3/4	40.5	273.05	60.27	8.89	PSB	-	-	-	-	-
10 3/4	45.5	273.05	67.71	10.16	PSBE	-	-	-	-	-
10 3/4	51	273.05	75.9	11.43	PSBE	PSBE	PSBE	PSBE	PSBE	-
10 3/4	55	273.05	82.59	12.57	-	PSBE	PSBE	PSBE	PSBE	-
10 3/4	60.7	273.05	90.33	13.84	-	-	-	PSBE	PSBE	PSBE
10 3/4	65.7	273.05	97.77	15.11	-	-	-	PSB	PSB	PSB
10 3/4	73.2	273.05	108.93	17.07	-	-	-	P	-	-
10 3/4	79.2	273.05	117.86	18.64	-	-	-	P	-	-
10 3/4	85.3	273.05	126.94	20.24	-	-	-	P	-	-
11 3/4	42	298.45	62.5	8.46	-	-	-	-	-	-
11 3/4	47	298.45	69.94	9.53	PSB	-	-	-	-	-
11 3/4	54	298.45	80.36	11.05	PSB	-	-	-	-	-
11 3/4	60	298.45	89.29	12.42	PSB	PSB	PSB	PSB	PSB	PSB
11 3/4	65	298.45	96.73	13.56	-	P	P	P	P	P
11 3/4	71	298.45	105.66	14.78	-	P	P	P	P	P
13 3/8	48	339.72	71.43	8.38	-	-	-	-	-	-
13 3/8	54.5	339.72	81.1	9.65	PSB	-	-	-	-	-
13 3/8	61	339.72	90.78	10.92	PSB	-	-	-	-	-
13 3/8	68	339.72	101.19	12.19	PSB	PSB	PSB	PSB	PSB	-
13 3/8	72	339.72	107.15	13.06	-	PSB	PSB	PSB	PSB	PSB

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16	65	406.4	96.73	9.53	-	-	-	-	-	-
16	75	406.4	111.61	11.13	PSB	-	-	-	-	-
16	84	406.4	125.01	12.57	PSB	-	-	-	-	-
16	109	406.4	162.21	16.66	P	P	P	P	P	P
18 5/8	87.5	473.08	130.21	11.05	PSB	-	-	-	-	-
20	94	508	139.89	11.13	PSLB	-	-	-	-	-
20	106.5	508	158.49	12.7	PSLB	-	-	-	-	-
20	133	508	197.93	16.13	PSLB	-	-	-	-	-

P— Plain end; S — Short round thread; L — Long round thread; B — Buttress thread; E — Extreme line.

### Mechanical Properties:

Group	Grade	Type	Total elongation under load %	Yield strength Mpa		Tensile strength min MPa	Hardness max	
				min	max		HRC	HBW
1	2	3	4	5	6	7	8	9
1	J55	-	0.5	379	552	517	-	-
	K55	-	0.5	379	552	655	-	-
	N80	1	0.5	552	758	689	-	-
	N80	Q	0.5	552	758	689	-	-
2	L80	1	0.5	552	655	655	23	241
	L80	9Cr	0.5	552	655	655	23	241
	L80	13Cr	0.5	552	655	655	23	241
	C90	1?2	0.5	621	724	689	25.4	255
	C95	-	0.5	655	758	724	-	-
	T95	1?2	0.5	655	758	724	25.4	255
3	P110	-	0.6	758	965	862	-	-
4	Q125	All	0.65	862	1034	931	-	-

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