



# Oil Country Tubular Goods



# Seamless Casing



## Seamless Casing Specifications (API-5CT)

Outside Diameter	Nominal Weight	Wall Thickness	Grade and Connection Type*					
			J55 K55	M65	L80 C95	N80	C90 T95	P110
in.	lb/ft	in.						
4-1/2	9.50	0.205	PS	PS	-	-	-	-
	10.50	0.224	PSB	PSB	-	-	-	-
	11.60	0.250	PSLB	PLB	PLB	PLB	PLB	PLB
	13.50	0.290	-	PLB	PLB	PLB	PLB	PLB
	15.10	0.337	-	-	-	-	-	PLB
5	11.50	0.220	PS	PS	-	-	-	-
	13	0.253	PSL	PSLB	-	-	-	-
	15.00	0.296	PSLB	PLB	PSLB	PSLB	PSLB	PSLB
	18.00	0.362	-	PLB	PSLB	PSLB	PSLB	PSLB
	21.40	0.437	-	PLB	PLB	PLB	PLB	PLB
	23.20	0.478	-	-	PLB	PLB	PLB	PLB
	24.10	0.500	-	-	PLB	PLB	PLB	PLB

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Outside Diameter	Nominal Weight	Wall Thickness	Grade and Connection Type*					
			J55 K55	M65	L80 C95	N80	C90 T95	P110
in.	lb/ft	in.						
5-1/2	14.00	0.244	PS	PS	-	-	-	-
	15.50	0.275	PSLB	PSLB	-	-	-	-
	17.00	0.304	PSLB	PLB	PSLB	PSLB	PLB	PSLB
	20.00	0.361	-	PLB	PSLB	PSLB	PLB	PSLB
	23.00	0.415	-	PLB	PSLB	PSLB	PLB	PSLB
6-5/8	20.00	0.288	PSLB	PSLB	-	-	-	-
	24.00	0.352	PSLB	PLB	PSLB	PSLB	PSLB	PSLB
	28.00	0.417	-	PLB	PSLB	PSLB	PSLB	PSLB
	32.00	0.475	-	-	PSLB	PSLB	PSLB	PSLB
7	20.00	0.272	PS	PS	-	-	-	-
	23.00	0.317	PSLB	PLB	PSLB	PSLB	PLB	-
	26.00	0.362	PSLB	PLB	PSLB	PSLB	PLB	PSLB
	29.00	0.408	-	PLB	PSLB	PSLB	PLB	PSLB
	32.00	0.453	-	PLB	PSLB	PSLB	PLB	PSLB
	35.00	0.498	-	-	PSLB	PSLB	PLB	PSLB
7-5/8	38.00	0.540	-	-	PSLB	PSLB	PLB	PSLB
	26.40	0.328	PSLB	PSLB	PLB	PLB	PLB	-
	29.70	0.375	-	PLB	PLB	PLB	PLB	PLB
	33.70	0.430	-	PLB	PLB	PLB	PLB	PLB
	39.00	0.500	-	-	PLB	PLB	PLB	PLB
	42.80	0.562	-	-	PLB	PLB	PLB	PLB
	45.30	0.595	-	-	PLB	PLB	PLB	PLB
47.10	0.625	-	-	PLB	PLB	PLB	PLB	

Outside Diameter	Nominal Weight	Wall Thickness	Grade and Connection Type*					
			J55 K55	M65	L80 C95	N80	C90 T95	P110
in.	lb/ft	in.						
8-5/8	24.00	0.264	PS	PS	-	-	-	-
	28.00	0.304	-	PS	-	-	-	-
	32.00	0.352	PSLB	PSLB	-	-	-	-
	36.00	0.400	PSLB	PSLB	PLB	PLB	PLB	-
	40.00	0.450	-	PLB	PLB	PLB	PLB	PLB
	44.00	0.500	-	-	PLB	PLB	PLB	PLB
	49.00	0.557	-	-	PLB	PLB	PLB	PLB
9-5/8	36.00	0.352	PSLB	PSLB	-	-	-	-
	40.00	0.395	PSLB	PSLB	PLB	PLB	PLB	-
	43.50	0.435	-	PLB	PLB	PLB	PLB	PLB
	47.00	0.472	-	PLB	PLB	PLB	PLB	PLB
	53.50	0.545	-	-	PLB	PLB	PLB	PLB
	58.40	0.595	-	-	PLB	PLB	PLB	PLB
10-3/4	40.50	0.350	PSB	PSB	PLB	PLB	PLB	PLB
	45.50	0.400	PSB	PSB	-	-	-	-
	51.00	0.450	PSB	PSB	PSB	PSB	PSB	PSB
	55.50	0.495	-	PSB	PSB	PSB	PSB	PSB
	60.70	0.545	-	-	-	-	PSB	PSB
	65.70	0.595	-	-	-	-	PSB	PSB
13-3/8	54.50	0.380	PSB	PSB	-	-	PSB	PSB
	61.00	0.430	PSB	PSB	-	-	-	-
	68.00	0.480	PSB	PSB	PSB	PSB	PSB	PSB
	72.00	0.514	-	-	-	-	PSB	PSB
20	94.00	0.438	SLB	SLB	-	-	-	-
	106.50	0.500	SLB	SLB	-	-	-	-
	133.00	0.635	SLB	-	-	-	-	-

\* Premium connections are available on request. P - plain end, S - short round thread, B - buttress, L - long round thread.

# ERW Casing (API-5CT)

Outside Diameter, in	Nominal Weight, lb/ft	Wall Thickness, in.	Grade	Connection Type*
5-1/2	14.00	0.244	J55/K55	PS
	15.50	0.275	J55/K55	PSLB
	17.00	0.304	J55/K55	PSLB
6-5/8	24.00	0.352	J55/K55	PSLB
7	20.00	0.272	J55/K55	PS
	23.00	0.317	J55/K55	PSLB
	26.00	0.362	J55/K55	PSLB
8-5/8	24.00	0.264	J55/K55	PS
	28.00	0.304	J55/K55	PS
	32.00	0.352	J55/K55	PSLB
	36.00	0.400	J55/K55	PSLB
9-5/8	36.00	0.352	J55/K55	PSLB
	40.00	0.395	J55/K55	PSLB
10-3/4	40.50	0.350	J55/K55	PSB
	45.50	0.400	J55/K55	PSB
13-3/8	48.00	0.330	J55/K55	PSB
	54.50	0.380	J55/K55	PSB
	61.00	0.430	J55/K55	PSB
	68.00	0.480	J55/K55	PSB

\* P - plain end, S - short round thread, B - butress, L - long round thread.

# Casing Heads C-22/C-29

C-22 Casing Heads use a straight-bore bowl design that prevents damage to sealing areas from drilling tools and prevents test-plug and bowl-protector wedging problems under pressure. This straightbore design also reduces maintenance costs and permits suspension of heavy casing loads. C-22 Casing Heads normally are furnished with 2-inch threaded outlets, but optional sizes and studded outlets are available upon request. Bottom connections can be furnished slip-on-weld, threaded or slip-n-lock. C-22 Casing Heads permit interchangeability of casing hangers C-22 and C-21.

The C-29 Casing Head uses a straight bore based on the same reliable design as the C-22, except the bowl is 2 inches deeper, permitting the acceptance of the minimal-deflection C-29 Casing Hanger. This allows extreme-load casing-hanging capacity compared with the C-22 profile.



## C-29 Casing Head Specifications (API-6A)

Top Flange Size (inches)	Working Pressure (psi)	Casing Size (inches)	Outlet
11"	3,000	8-5/8"	LP/SSO
11"	5,000	8-5/8"	LP/SSO
11"	3,000	9-5/8"	LP/SSO
11"	5,000	9-5/8"	LP/SSO
11"	3,000	10-3/4"	LP/SSO
11"	5,000	10-3/4"	LP/SSO
13-5/8"	3,000	13-3/8"	LP/SSO
13-5/8"	5,000	13-3/8"	LP/SSO
16-3/4"	2,000	16"	LP/SSO
16-3/4"	3,000	16"	LP/SSO
16-3/4"	5,000	16"	LP/SSO
21-1/4"	2,000	20"	LP/SSO
20-3/4"	3,000	20"	LP/SSO

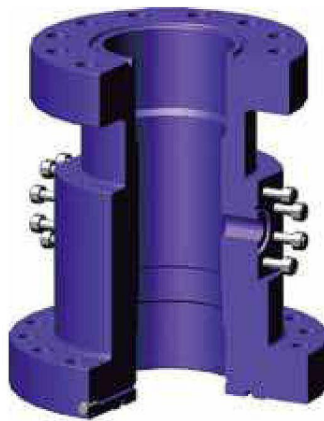
## C-22 Casing Head Specifications (API-6A)

Top Flange Size (inches)	Working Pressure (psi)	Casing Size (inches)	Outlet
9"	2,000	7"	2" LP
9"	3,000	7"	2" LP
9"	2,000	7-5/8"	2" LP
9"	3,000	7-5/8"	2" LP
9"	5,000	7-5/8"	2" LP
9"	2,000	8-5/8"	2" LP
9"	3,000	8-5/8"	2" LP
9"	5,000	8-5/8"	2" LP
11"	2,000	8-5/8"	2" LP
11"	3,000	8-5/8"	2" LP
11"	5,000	8-5/8"	2" LP
11"	2,000	9-5/8"	2" LP
11"	3,000	9-5/8"	2" LP
11"	5,000	9-5/8"	2" LP
11"	2,000	10-3/4"	2" LP
11"	3,000	10-3/4"	2" LP
11"	5,000	10-3/4"	2" LP
13-5/8"	2,000	11-3/4"	2" LP
13-5/8"	3,000	11-3/4"	2" LP
13-5/8"	2,000	13-3/8"	2" LP
13-5/8"	3,000	13-3/8"	2" LP
13-5/8"	5,000	13-3/8"	2" LP
16-3/4"	2,000	16"	2" LP
16-3/4"	3,000	16"	2" LP
21-1/4"	2,000	20"	2" LP
20-3/4"	3,000	20"	2" LP

## Casing Spools C-22/C-29

C-22 Casing Spools are designed with a straightbore bowl that prevents damage to sealing areas from drilling tools and prevents test-plug and bowl/protector wedging problems under pressure. This straight-bore design also reduces maintenance costs and permits suspension of heavy casing loads. C-22 Casing Spools normally are furnished with studded outlets, but optional threaded outlets are available upon request. Bottom preparation can include PE seals or X-bushing secondary seals. HPE seals for high-performance frac wells are available upon request. C-22 Casing Spools allow interchangeability between C-22 and C-21 Casing Hangers.

The C-29 Casing Spool uses a straight bore based on the same reliable design as the C-22 except the bowl is 2 inches deeper, permitting the acceptance of the minimal-deflection C-29 Casing Hanger. This allows extreme-load casing-hanging capacity compared with the C-22 profile. C-29 Casing Spools normally are furnished with studded outlets, and threaded outlets are available upon request. Bottom preparation can include PE seal or X-bushing secondary seals. HPE seals for high-performance frac wells are available upon request.



### C-22 Casing Spool Specifications (API-6A)

Top Flange Size (inches)	Working Pressure (psi)	Bottom Flange Size (inches)	Working Pressure (psi)
11"	2,000	11"	2,000
11"	2,000	13-5/8"	3,000
11"	3,000	11"	3,000
11"	3,000	11"	2,000
11"	3,000	13-5/8"	2,000
11"	3,000	13-5/8"	3,000
11"	3,000	16-3/4"	2,000
11"	3,000	16-3/4"	3,000
11"	5,000	13-5/8"	3,000
11"	5,000	16-3/4"	3,000
11"	10,000	13-5/8"	5,000
13-5/8"	3,000	16-3/4"	3,000
13-5/8"	3,000	21-1/4"	2,000
13-5/8"	5,000	20-3/4"	3,000



**C-29 Casing Spool Specifications (API-6A)**

Top Flange Size (inches)	Working Pressure (psi)	Bottom Flange Size (inches)	Working Pressure (psi)
11"	3,000	11"	3,000
11"	3,000	13-5/8"	3,000
11"	3,000	16-3/4"	3,000
11"	5,000	11"	3,000
11"	5,000	13-5/8"	3,000
11"	5,000	13-5/8"	5,000
11"	5,000	16-3/4"	3,000
11"	5,000	16-3/4"	5,000
11"	10,000	11"	10,000
11"	10,000	13-5/8"	5,000
13-5/8"	3,000	20-3/4"	3,000
13-5/8"	5,000	20-3/4"	3,000