

Report of

WESTERN HEMISPHERE PRODUCTION

of

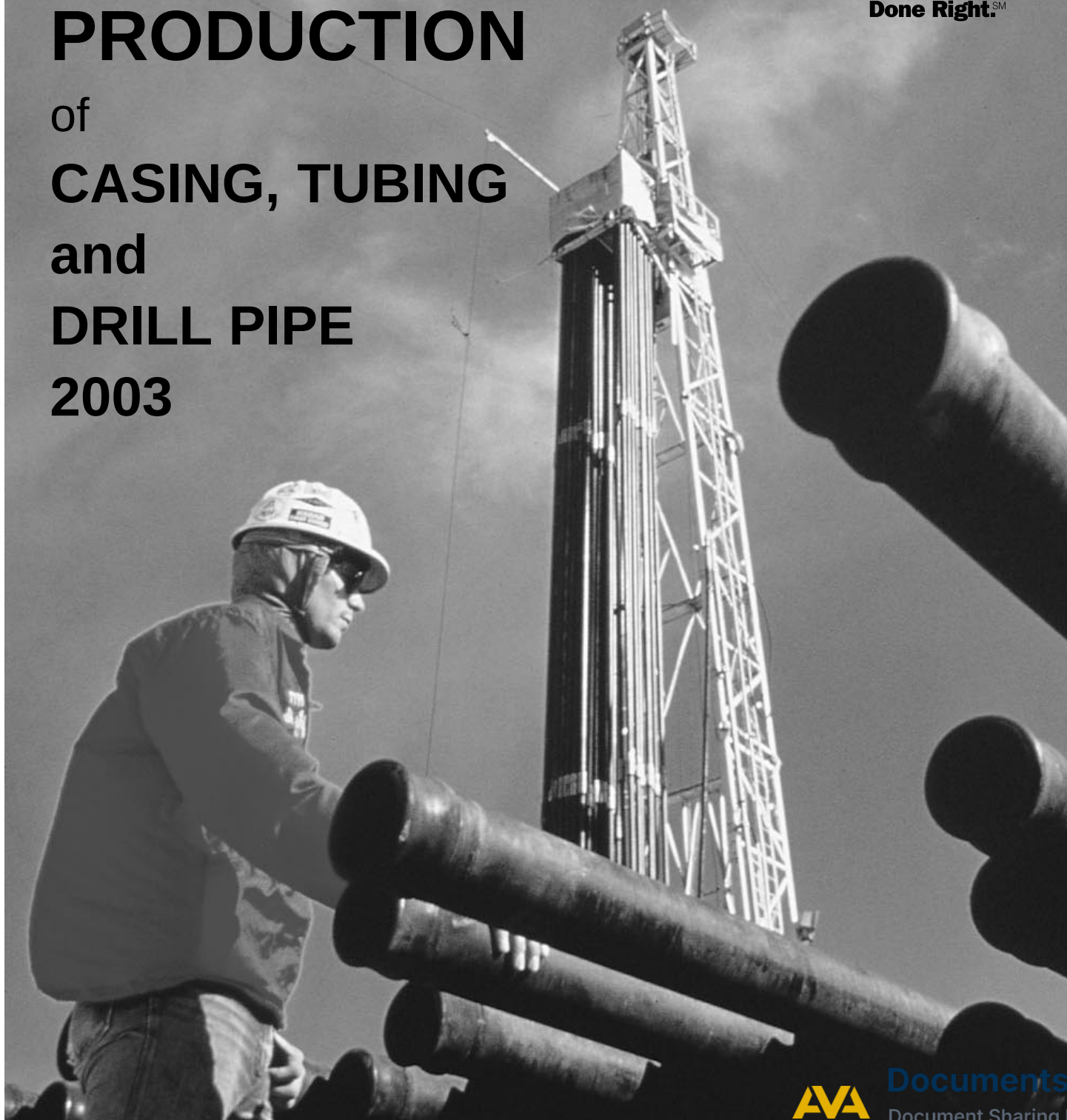
CASING, TUBING and DRILL PIPE

2003



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2003
TONNAGE OF CASING SHIPPED - WORLDWIDE
(Including Casing Liners)
(in Metric Tonnes)

SIZE OD (In.)	NOMINAL WEIGHT (lb/ft)	PLAIN END WEIGHT (lb/ft)	WALL THICKNESS (In.)	H40	J55 K55	N80	M65	L80	L80 13Cr (a)	L85 13Cr (a)	C90	C95	T95	High Collapse 95 (b)	P110	Q125	Other RY (c)	All Other	TOTAL ALL GRADES
3 1/2	---	9.92	0.289	0	270	239	0	0	0	0	0	0	0	0	0	0	0	0	509
TOTAL TONS PER SIZE:				0	270	239	0	0	0	0	0	0	0	0	0	0	0	0	509
4	---	11.35	0.286	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 1/2	9.50	9.41	0.205	11	149,516	50	7,857	6	0	0	0	0	0	0	0	0	0	21,775	179,214
	10.50	10.24	0.224	0	58,526	33	4,996	0	0	0	0	0	0	0	0	0	0	14,418	77,973
	11.60	11.36	0.250	0	65,980	40,556	0	13,218	0	0	0	0	0	843	64,837	0	305	54,931	240,668
	12.60	---	0.271	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	20
	13.50	13.05	0.290	0	14	459	0	4,370	0	0	0	0	0	0	27,957	0	31	104	32,935
	15.10	15.00	0.337	0	310	0	0	123	0	0	4,784	0	0	0	15,375	2,618	3,737	1,447	28,393
	---	---	0.380	0	0	0	0	243	0	0	0	0	0	0	312	213	0	0	768
	19.20	---	0.430	0	394	0	0	16	0	0	0	157	0	0	0	11	0	0	578
TOTAL TONS PER SIZE:				11	274,739	41,117	12,852	17,976	0	0	4,784	157	0	843	108,480	2,842	4,073	92,674	560,549
5	11.50	11.24	0.220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13.00	12.84	0.253	0	70	28	0	0	0	0	0	0	0	0	0	0	0	0	98
	15.00	14.88	0.296	0	0	83	0	1,042	0	0	0	0	0	0	558	0	692	582	2,956
	18.00	17.95	0.362	0	191	839	0	1,541	0	0	0	0	0	0	4,655	391	166	1,262	9,045
	---	---	0.422	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21.40	21.32	0.437	0	0	0	0	0	0	0	0	0	911	0	0	0	0	46	957
	23.20	23.11	0.478	0	0	0	0	0	0	0	155	0	3,241	0	5,875	345	293	48	9,957
	24.10	24.05	0.500	0	20	0	0	0	0	0	0	0	0	0	15	0	0	0	35
TOTAL TONS PER SIZE:				0	281	950	0	2,583	0	0	155	0	4,152	0	11,102	736	1,151	1,938	23,047

NOTE: SIZES IN **ITALICS** ARE THOSE NOT LISTED IN THE CURRENT EDITION OF SPEC 5CT

- (a) Weights are not applicable for L80 and L85 13Cr grades.
 (b) 95,000 psi minimum yield strength casing manufactured to meet collapse pressures higher than that for Grade C95 casing of the same size and thickness.
 (c) Other Restricted Yield Strength Grades. Includes any grade with a specified yield strength range of 20,000 psi or less which is not included in the table.

*Numbers may not add due to rounding

2003
TONNAGE OF CASING SHIPPED - WORLDWIDE
(Including Casing Liners)
(in Metric Tonnes)

SIZE OD (mm)	NOMINAL WEIGHT (lb/ft)	PLAIN END WEIGHT (kg/m)	WALL THICKNESS (mm)	H40	J55 K55	N80	M65	L80	L80 13Cr (a)	L85 13Cr (a)	C90	C95	T95	High Collapse 95 (b)	P110	Q125	Other RY (c)	All Other	TOTAL ALL GRADES
88,9	---	14,76	7,34	0	270	239	0	0	0	0	0	0	0	0	0	0	0	0	509
TOTAL TONS PER SIZE:				0	270	239	0	0	0	0	0	0	0	0	0	0	0	0	509
101,6	---	16,89	7,26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114,30	9.50	14,02	5,21	11	149,516	50	7,857	6	0	0	0	0	0	0	0	0	0	21,775	179,214
	10.50	15,24	5,69	0	58,526	33	4,996	0	0	0	0	0	0	0	0	0	0	14,418	77,973
	11.60	16,91	6,35	0	65,980	40,556	0	13,218	0	0	0	0	0	843	64,837	0	305	54,931	240,668
	12.60	---	6,88	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	20
	13.50	19,44	7,37	0	14	459	0	4,370	0	0	0	0	0	0	27,957	0	31	104	32,935
	15.10	22,32	8,56	0	310	0	0	123	0	0	4,784	0	0	0	15,375	2,618	3,737	1,447	28,393
	---	---	9,65	0	0	0	0	243	0	0	0	0	0	0	312	213	0	0	768
	19.20	---	10,92	0	394	0	0	16	0	0	0	157	0	0	0	11	0	0	578
TOTAL TONS PER SIZE:				11	274,739	41,117	12,852	17,976	0	0	4,784	157	0	843	108,480	2,842	4,073	92,674	560,549
127,00	11.50	16,74	5,59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13.00	19,12	6,43	0	70	28	0	0	0	0	0	0	0	0	0	0	0	0	98
	15.00	22,16	7,52	0	0	83	0	1,042	0	0	0	0	0	0	558	0	692	582	2,956
	18.00	26,70	9,19	0	191	839	0	1,541	0	0	0	0	0	0	4,655	391	166	1,262	9,045
	---	---	10,72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21.40	31,73	11,10	0	0	0	0	0	0	0	0	0	911	0	0	0	0	46	957
	23.20	34,39	12,14	0	0	0	0	0	0	0	155	0	3,241	0	5,875	345	293	48	9,957
	24.10	35,80	12,70	0	20	0	0	0	0	0	0	0	0	0	15	0	0	0	35
TOTAL TONS PER SIZE:				0	281	950	0	2,583	0	0	155	0	4,152	0	11,102	736	1,151	1,938	23,047

NOTE: SIZES IN **ITALICS** ARE THOSE NOT LISTED IN THE CURRENT EDITION OF SPEC 5CT

- (a) Weights are not applicable for L80 and L85 13Cr grades.
(b) 95,000 psi minimum yield strength casing manufactured to meet collapse pressures higher than that for Grade C95 casing of the same size and thickness.
(c) Other Restricted Yield Strength Grades. Includes any grade with a specified yield strength range of 20,000 psi or less which is not included in the table.

*Numbers may not add due to rounding

SIZE	NOMINAL	PLAIN END	WALL					L80	L85					High					Other		TOTAL
OD	WEIGHT	WEIGHT	THICKNESS		J55			13Cr	13Cr					95			RY	All	ALL		
(In.)	(lb/ft)	(lb/ft)	(In.)	H40	K55	N80	M65	L80	(a)	(a)	C90	C95	T95	(b)	P110	Q125	(c)	Other	GRADES		
5 1/2	14.00	13.71	0.244	0	42,988	1,394	0	1	0	0	0	0	0	0	1	0	0	728	45,113		
	15.50	15.36	0.275	0	101,893	4,297	0	715	0	0	0	0	0	0	0	0	0	11,241	118,146		
	17.00	16.89	0.304	0	67,063	135,925	0	52,643	0	0	0	18	0	1,190	57,610	0	1,834	34,279	350,561		
	20.00	19.83	0.361	0	0	12,147	0	11,031	0	0	0	0	0	0	32,425	119	8,458	0	64,179		
	23.00	22.56	0.415	0	0	440	0	3,255	0	0	1,623	50	412	0	8,762	1,149	3,976	295	19,963		
	26.00	25.54	0.476	0	0	0	0	181	0	0	0	0	431	0	1,278	188	611	468	3,157		
	26.80	26.72	0.500	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	34		
	29.70	29.67	0.562	0	0	0	0	0	0	0	0	0	621	0	539	0	260	3	1,423		
	32.60	32.57	0.625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	35.30	35.35	0.687	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	38.00	38.08	0.750	0	145	0	0	13	0	0	0	0	0	0	0	25	0	0	183		
	40.50	40.69	0.812	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	43.10	43.26	0.875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TOTAL TONS PER SIZE:				0	212,089	154,202	0	67,839	0	0	1,623	68	1,464	1,190	100,615	1,515	15,139	47,014	602,760		
5 3/4	---	---	0.315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	---	---	0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	---	---	0.433	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6 5/8	20.00	19.51	0.288	0	47	0	0	141	0	0	0	0	0	0	0	0	0	288	476		
	24.00	23.60	0.352	0	1,147	350	0	1,828	7	0	0	0	0	0	0	0	0	301	3,632		
	28.00	27.67	0.417	0	0	0	0	2,865	0	0	0	507	0	0	1,994	0	4,827	36	10,229		
	32.00	31.23	0.475	0	0	0	0	7,742	0	0	0	0	0	0	0	1	223	13	7,979		
	---	---	0.523	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TOTAL TONS PER SIZE:				0	1,194	350	0	12,576	7	0	0	507	0	0	1,994	1	5,050	638	22,317		

NOTE: SIZES IN *ITALICS* ARE THOSE NOT LISTED IN THE CURRENT EDITION OF SPEC 5CT

- (a)

Weights are not applicable for L80 and L85 13Cr grades.
- (b)

20,000 psi minimum yield strength casing manufactured to meet collapse pressures higher than that for Grade C95 casing of the same size and thickness.
- (c)

Other Restricted Yield Strength Grades. Includes any grade with a specified yield strength range of 20,000 psi or less which is not included in the table.

*Numbers may not add due to rounding

SIZE	NOMINAL	PLAIN END	WALL											High				Other	TOTAL	
								L80	L85	Collapse										
OD	WEIGHT	WEIGHT	THICKNESS		J55				L80	L85				95			RY	All	ALL	
(mm)	(lb/ft)	(kg/m)	(mm)	H40	K55	N80	M65	L80	13Cr	13Cr	C90	C95	T95	(b)	P110	Q125	(c)	Other	GRADES	
139,70	14.00	20,41	6,20	0	42,988	1,394	0	1	0	0	0	0	0	0	1	0	0	728	45,113	
	15.50	22,88	6,99	0	101,893	4,297	0	715	0	0	0	0	0	0	0	0	0	11,241	118,146	
	17.00	25,13	7,72	0	67,063	135,925	0	52,643	0	0	0	18	0	1,190	57,610	0	1,834	34,279	350,561	
	20.00	29,52	9,17	0	0	12,147	0	11,031	0	0	0	0	0	0	32,425	119	8,458	0	64,179	
	23.00	33,57	10,54	0	0	440	0	3,255	0	0	1,623	50	412	0	8,762	1,149	3,976	295	19,963	
	26.00	38,02	12,09	0	0	0	0	181	0	0	0	0	431	0	1,278	188	611	468	3,157	
	26.80	39,78	12,70	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	34	
	29.70	44,14	14,27	0	0	0	0	0	0	0	0	0	621	0	539	0	260	3	1,423	
	32.60	48,49	15,88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	35.30	52,61	17,45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	38.00	56,68	19,05	0	145	0	0	13	0	0	0	0	0	0	0	0	25	0	0	
	40.50	60,55	20,62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	43.10	64,40	22,23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	TOTAL TONS PER SIZE:				0	212,089	154,202	0	67,839	0	0	1,623	68	1,464	1,190	100,615	1,515	15,139	47,014	602,760
	146,05	---	---	8,00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
---		---	9,53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
---		---	11,00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168,28	20.00	29,06	7,32	0	47	0	0	141	0	0	0	0	0	0	0	0	0	288	476	
	24.00	35,13	8,94	0	1,147	350	0	1,828	7	0	0	0	0	0	0	0	0	301	3,632	
	28.00	41,18	10,59	0	0	0	0	2,865	0	0	0	507	0	0	1,994	0	4,827	36	10,229	
	32.00	46,50	12,07	0	0	0	0	7,742	0	0	0	0	0	0	0	1	223	13	7,979	
	---	---	13,28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL TONS PER SIZE:				0	1,194	350	0	12,576	7	0	0	507	0	0	1,994	1	5,050	638	22,317	

NOTE: SIZES IN *ITALICS* ARE THOSE NOT LISTED IN THE CURRENT EDITION OF SPEC 5CT

- (a)

Weights are not applicable for L80 and L85 13Cr grades.
- (b)

20,000 psi minimum yield strength casing manufactured to meet collapse pressures higher than that for Grade C95 casing of the same size and thickness.
- (c)

Other Restricted Yield Strength Grades. Includes any grade with a specified yield strength range of 20,000 psi or less which is not included in the table.

*Numbers may not add due to rounding

SIZE OD (In.)	NOMINAL WEIGHT (lb/ft)	PLAIN END WEIGHT (lb/ft)	WALL THICKNESS (In.)									High Collapse				Other		TOTAL ALL GRADES	
				H40	J55 K55	N80	M65	L80	L80 13Cr (a)	L85 13Cr (a)	C90	C95	T95	95 (b)	P110	Q125	RY (c)		All Other
7	17.00	16.72	0.231	50,351	0	0	0	0	0	0	0	0	0	0	0	0	0	722	51,073
	20.00	19.56	0.272	38	42,856	0	0	0	0	0	0	0	0	0	0	0	0	0	42,894
	23.00	22.65	0.317	0	79,789	21,402	0	13,488	0	0	0	0	3,444	12,681	0	1,847	22,047	154,697	
	26.00	25.69	0.362	0	16,203	11,422	0	47,786	0	0	0	151	0	40,504	0	4,907	5,158	126,132	
	29.00	28.75	0.408	0	0	11,910	0	34,277	0	0	0	2,100	507	2	44,989	220	6,328	3,113	103,445
	32.00	31.70	0.453	0	0	643	0	6,541	0	0	0	519	3,048	0	10,425	2,789	7,211	2,109	33,284
	35.00	34.61	0.498	0	0	11	0	0	0	0	0	254	478	0	673	909	2,380	317	5,022
	38.00	37.29	0.540	0	0	0	0	265	0	0	0	0	10	0	0	1,189	35	0	1,500
	41.00	40.39	0.590	0	0	0	0	0	0	0	0	0	0	0	0	123	0	3	126
	42.70	42.65	0.625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	46.40	46.36	0.687	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50.10	50.11	0.750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	53.60	53.71	0.812	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	100
	57.50	57.29	0.875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				50,389	138,847	45,388	0	102,358	0	0	0	3,024	4,042	3,446	109,272	5,330	22,708	33,469	518,272
7 5/8	24.00	23.49	0.300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	26.40	25.59	0.328	0	490	22	0	284	0	0	0	0	0	0	5,987	0	0	0	6,783
	29.70	29.06	0.375	0	0	52	0	2,996	0	0	0	0	0	40,197	1,070	0	164	44,479	
	33.70	33.07	0.430	0	0	3,118	0	870	0	0	98	0	0	22,460	575	81	249	27,451	
	39.00	38.08	0.500	0	0	67	0	838	0	0	0	0	432	30,808	13,168	0	528	45,841	
	42.80	42.43	0.562	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	45.30	44.71	0.595	0	0	0	0	0	0	0	0	0	0	0	35	592	0	627	
	47.10	46.77	0.625	0	0	0	0	0	0	0	0	287	0	205	44	51	22	609	
	51.20	50.95	0.687	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	55.30	55.12	0.750	0	0	0	0	0	0	0	0	583	0	0	662	2,427	726	4,398	
	59.00	- - -	0.811	0	0	0	0	0	0	0	764	163	0	0	0	2,303	0	3,229	
TOTAL TONS PER SIZE:				0	490	3,259	0	4,988	0	0	862	163	1,302	0	99,657	15,555	5,453	1,689	133,416
7 3/4	46.10	45.54	0.595	0	0	0	0	0	0	0	0	0	0	494	3,470	502	59	4,525	
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	0	0	494	3,470	502	59	4,525	

NOTE: SIZES IN *ITALICS* ARE THOSE NOT LISTED IN THE CURRENT EDITION OF SPEC 5CT

- (a) Heights are not applicable for L80 and L85 13Cr grades.
- (b) 20,000 psi minimum yield strength casing manufactured to meet collapse pressures higher than that for Grade C95 casing of the same size and thickness.
- (c) Other Restricted Yield Strength Grades. Includes any grade with a specified yield strength range of 20,000 psi or less which is not included in the table.

*Numbers may not add due to rounding

SIZE OD (mm)	NOMINAL WEIGHT (lb/ft)	PLAIN END WEIGHT (kg/m)	WALL THICKNESS (mm)					L80		L85				High Collapse			Other		TOTAL ALL GRADES
				H40	J55 K55	N80	M65	L80	13Cr (a)	13Cr (a)	C90	C95	T95	95 (b)	P110	Q125	RY (c)	All Other	
177,80	17.00	24,89	5,87	50,351	0	0	0	0	0	0	0	0	0	0	0	0	0	722	51,073
	20.00	29,12	6,91	38	42,856	0	0	0	0	0	0	0	0	0	0	0	0	0	42,894
	23.00	33,70	8,05	0	79,789	21,402	0	13,488	0	0	0	0	0	3,444	12,681	0	1,847	22,047	154,697
	26.00	38,21	9,19	0	16,203	11,422	0	47,786	0	0	0	151	0	0	40,504	0	4,907	5,158	126,132
	29.00	42,78	10,36	0	0	11,910	0	34,277	0	0	0	2,100	507	2	44,989	220	6,328	3,113	103,445
	32.00	47,20	11,51	0	0	643	0	6,541	0	0	0	519	3,048	0	10,425	2,789	7,211	2,109	33,284
	35.00	51,52	12,65	0	0	11	0	0	0	0	0	254	478	0	673	909	2,380	317	5,022
	38.00	55,52	13,72	0	0	0	0	265	0	0	0	0	10	0	0	1,189	35	0	1,500
	41.00	60,14	14,99	0	0	0	0	0	0	0	0	0	0	0	0	123	0	3	126
	42.70	63,41	15,88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	46.40	69,01	17,45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50.10	74,58	19,05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	53.60	79,93	20,62	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	100
	57.50	85,29	22,23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				50,389	138,847	45,388	0	102,358	0	0	0	3,024	4,042	3,446	109,272	5,330	22,708	33,469	518,272
193,68	24.00	34,97	7,62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	26.40	38,08	8,33	0	490	22	0	284	0	0	0	0	0	0	5,987	0	0	0	6,783
	29.70	43,28	9,53	0	0	52	0	2,996	0	0	0	0	0	0	40,197	1,070	0	164	44,479
	33.70	49,22	10,92	0	0	3,118	0	870	0	0	98	0	0	0	22,460	575	81	249	27,451
	39.00	56,69	12,70	0	0	67	0	838	0	0	0	0	432	0	30,808	13,168	0	528	45,841
	42.80	63,14	14,27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	45.30	66,55	15,11	0	0	0	0	0	0	0	0	0	0	0	0	35	592	0	627
	47.10	69,64	15,88	0	0	0	0	0	0	0	0	0	287	0	205	44	51	22	609
	51.20	75,85	17,45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	55.30	82,05	19,05	0	0	0	0	0	0	0	0	0	583	0	0	662	2,427	726	4,398
	59.00	---	20,60	0	0	0	0	0	0	0	764	163	0	0	0	0	2,303	0	3,229
TOTAL TONS PER SIZE:				0	490	3,259	0	4,988	0	0	862	163	1,302	0	99,657	15,555	5,453	1,689	133,416
196,50	46.10	67,74	15,11	0	0	0	0	0	0	0	0	0	0	0	494	3,470	502	59	4,525
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	0	0	0	494	3,470	502	59	4,525

NOTE: SIZES IN *ITALICS* ARE THOSE NOT LISTED IN THE CURRENT EDITION OF SPEC 5CT

- (a) Heights are not applicable for L80 and L85 13Cr grades.
- (b) 20,000 psi minimum yield strength casing manufactured to meet collapse pressures higher than that for Grade C95 casing of the same size and thickness.
- (c) Other Restricted Yield Strength Grades. Includes any grade with a specified yield strength range of 20,000 psi or less which is not included in the table.

*Numbers may not add due to rounding