

Report of

WESTERN HEMISPHERE PRODUCTION

of

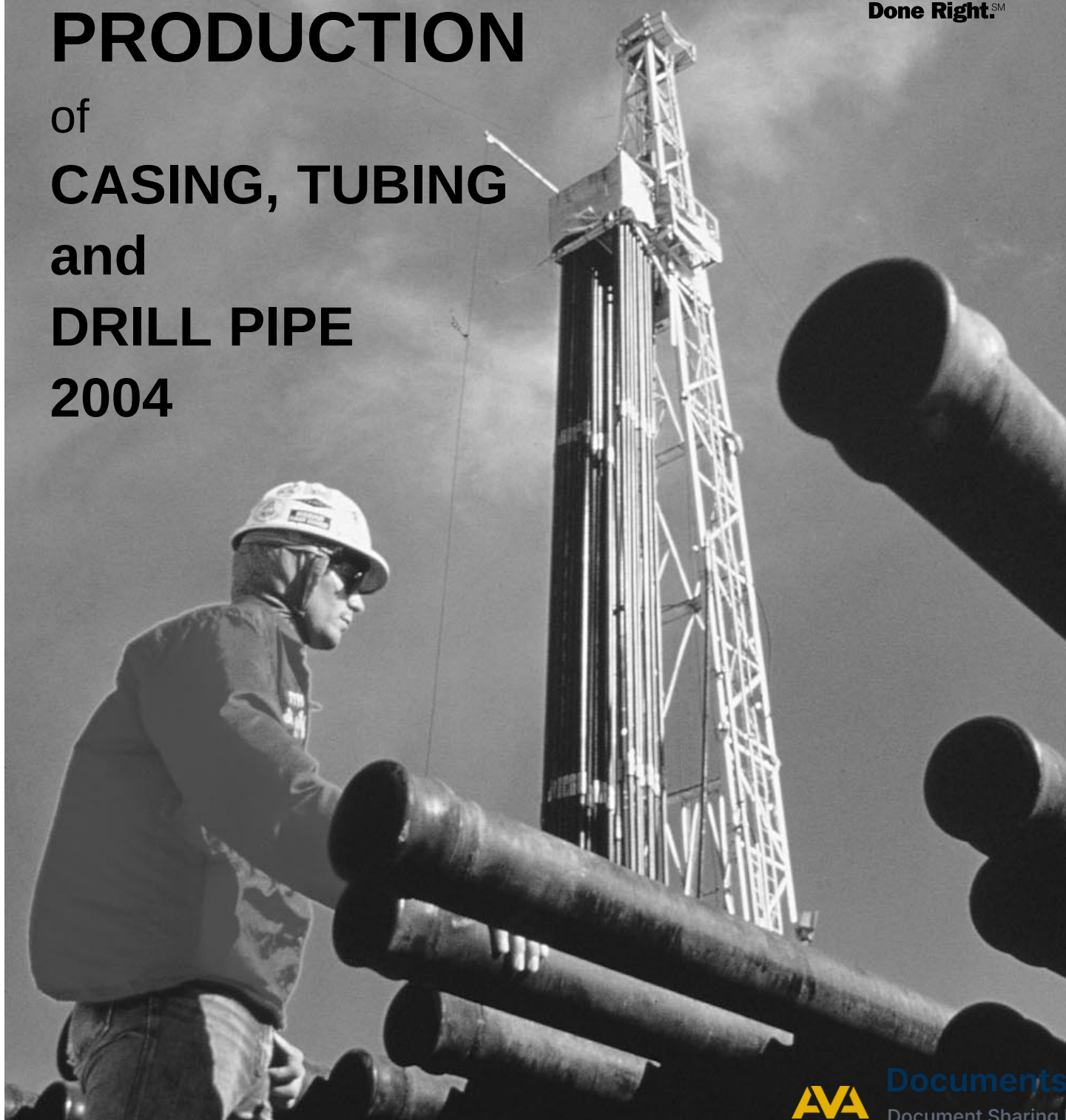
CASING, TUBING and DRILL PIPE

2004



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2004
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	7	406	0	0	0	0	0	0	0	0	0	0	0	0	413
TOTAL TONS PER SIZE:				0	7	406	0	0	0	0	0	0	0	0	0	0	0	0	413
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	0	141,155	0	20,234	0	0	0	0	0	0	0	0	0	0	5,290	166,680
	10.50	10.24	0.224	0	52,629	0	9,262	0	0	0	0	0	0	0	0	0	0	8,191	70,082
	11.60	11.36	0.250	0	47,367	53,918	177	22,095	0	0	0	0	0	751	63,887	0	324	77,372	265,890
	12.60	---	0.271	0	378	24	0	2,848	0	0	0	0	1,863	0	199	0	0	0	5,312
	13.50	13.05	0.290	0	14	3,822	0	4,705	0	0	0	0	57	43	51,408	81	33	110	60,273
	15.10	15.00	0.337	0	310	10,227	0	745	0	0	5,026	0	235	21	32,773	8,041	3,997	2,182	63,557
	---	---	0.380	0	0	0	0	0	0	0	0	0	0	0	266	226	0	0	493
	19.20	---	0.430	0	48	0	0	0	0	0	0	0	0	0	0	12	0	0	60
TOTAL TONS PER SIZE:				0	241,901	67,991	29,674	30,392	0	0	5,026	0	2,155	815	148,533	8,360	4,354	93,145	632,347
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	0	30	0	80	0	0	0	0	0	0	0	0	0	0	110
	15.00	14.88	0.296	0	12	230	0	1,026	0	0	0	0	0	0	203	0	736	619	2,826
	18.00	17.95	0.362	0	191	862	0	2,203	0	0	0	0	0	0	6,142	492	176	1,342	11,408
	---	---	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	254	0	0	0	0	738	0	0	239	0	886	2,117
	23.20	23.11	0.478	0	0	0	0	40	0	0	228	0	1,547	420	3,491	1,190	286	3,223	10,425
	24.10	24.05	0.500	0	40	0	0	0	0	0	0	0	0	0	54	66	0	0	160
TOTAL TONS PER SIZE:				0	243	1,121	0	3,603	0	0	228	0	2,285	420	9,890	1,987	1,198	6,070	27,046

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

2004
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	7	406	0	0	0	0	0	0	0	0	0	0	0	0	413
TOTAL TONS PER SIZE:				0	7	406	0	0	0	0	0	0	0	0	0	0	0	0	413
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	0	141,155	0	20,234	0	0	0	0	0	0	0	0	0	0	5,290	166,680
	10.50	15,24	5,69	0	52,629	0	9,262	0	0	0	0	0	0	0	0	0	0	8,191	70,082
	11.60	16,91	6,35	0	47,367	53,918	177	22,095	0	0	0	0	0	751	63,887	0	324	77,372	265,890
	12.60	---	6,88	0	378	24	0	2,848	0	0	0	0	1,863	0	199	0	0	0	5,312
	13.50	19,44	7,37	0	14	3,822	0	4,705	0	0	0	0	57	43	51,408	81	33	110	60,273
	15.10	22,32	8,56	0	310	10,227	0	745	0	0	5,026	0	235	21	32,773	8,041	3,997	2,182	63,557
	---	---	9,65	0	0	0	0	0	0	0	0	0	0	0	266	226	0	0	493
	19.20	---	10,92	0	48	0	0	0	0	0	0	0	0	0	0	12	0	0	60
TOTAL TONS PER SIZE:				0	241,901	67,991	29,674	30,392	0	0	5,026	0	2,155	815	148,533	8,360	4,354	93,145	632,347
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	0	30	0	80	0	0	0	0	0	0	0	0	0	0	110
	15.00	22,16	7,52	0	12	230	0	1,026	0	0	0	0	0	0	203	0	736	619	2,826
	18.00	26,70	9,19	0	191	862	0	2,203	0	0	0	0	0	0	6,142	492	176	1,342	11,408
	---	---	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	254	0	0	0	0	738	0	0	239	0	886	2,117
	23.20	34,39	12,14	0	0	0	0	40	0	0	228	0	1,547	420	3,491	1,190	286	3,223	10,425
	24.10	35,80	12,70	0	40	0	0	0	0	0	0	0	0	0	54	66	0	0	160
TOTAL TONS PER SIZE:				0	243	1,121	0	3,603	0	0	228	0	2,285	420	9,890	1,987	1,198	6,070	27,046

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 OD	PLAIN END WEIGHT	WALL THICKNESS					L80	L85	High				Other				TOTAL		
				H40	J55	N80	M65	L80	13Cr	13Cr	C90	C95	T95	Collapse 95	P110	Q125	RY	All	ALL	
	(In.)	(lb/ft)	(In.)		K55				(a)	(a)				(b)			(c)	Other	GRADES	
5 1/2	14.00	13.71	0.244	0	40,105	137	0	57	0	0	0	0	0	0	0	0	0	380	40,678	
	15.50	15.36	0.275	0	97,996	267	0	3,214	0	0	0	0	0	0	0	0	0	8,344	109,821	
	17.00	16.89	0.304	0	71,462	142,648	0	72,879	3	0	0	0	0	101	78,904	136	1,950	33,518	401,600	
	20.00	19.83	0.361	0	0	22,688	0	14,779	0	0	0	0	0	0	46,438	170	8,960	99	93,134	
	23.00	22.56	0.415	0	0	210	0	3,342	0	0	1,726	53	0	0	10,480	2,921	4,142	0	22,872	
	26.00	25.54	0.476	0	0	0	0	0	0	0	0	0	0	0	1,321	2,708	650	656	5,336	
	26.80	26.72	0.500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	29.70	29.67	0.562	0	0	0	0	0	0	0	0	0	0	0	0	54	0	0	54	
	32.60	32.57	0.625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	174	174	
	35.30	35.35	0.687	0	0	0	0	0	0	0	0	0	0	0	0	0	0	207	207	
	38.00	38.08	0.750	0	176	0	0	0	0	0	0	0	0	0	0	0	0	0	176	
	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	209,739	165,949	0	94,271	3	0	1,726	53	0	101	137,143	5,989	15,702	43,378	674,053	
5 3/4	---	---	0.315	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
	---	---	0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	---	---	0.433	0	759	0	0	0	0	0	0	0	0	0	0	0	0	0	759	
TOTAL TONS PER SIZE:				0	759	0	0	0	1	0	0	0	0	0	0	0	0	0	0	760
6 5/8	20.00	19.51	0.288	0	634	0	0	0	0	0	0	0	0	0	0	0	0	307	940	
	24.00	23.60	0.352	0	587	0	0	1,821	4	0	0	0	0	0	0	0	0	320	2,732	
	28.00	27.67	0.417	0	0	0	0	3,066	0	0	0	539	0	0	2,219	0	5,133	38	10,995	
	32.00	31.23	0.475	0	0	0	0	8,232	0	0	0	0	0	0	109	0	237	14	8,592	
	---	---	0.523	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL TONS PER SIZE:				0	1,220	0	0	13,119	4	0	0	539	0	0	2,328	0	5,370	679	23,259	

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		
				OD	WEIGHT	WEIGHT	THICKNESS	H40	J55	N80	M65	L80	L85	Collapse	95	P110	Q125		RY	All
(mm)	(lb/ft)	(kg/m)	(mm)		K55			L80	13Cr	13Cr	C90	C95	T95	(b)			(c)	Other	ALL	
									(a)	(a)									GRADES	
139,70	14.00	20,41	6,20	0	40,105	137	0	57	0	0	0	0	0	0	0	0	0	380	40,678	
	15.50	22,88	6,99	0	97,996	267	0	3,214	0	0	0	0	0	0	0	0	0	8,344	109,821	
	17.00	25,13	7,72	0	71,462	142,648	0	72,879	3	0	0	0	0	101	78,904	136	1,950	33,518	401,600	
	20.00	29,52	9,17	0	0	22,688	0	14,779	0	0	0	0	0	0	46,438	170	8,960	99	93,134	
	23.00	33,57	10,54	0	0	210	0	3,342	0	0	1,726	53	0	0	10,480	2,921	4,142	0	22,872	
	26.00	38,02	12,09	0	0	0	0	0	0	0	0	0	0	0	1,321	2,708	650	656	5,336	
	26.80	39,78	12,70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	29.70	44,14	14,27	0	0	0	0	0	0	0	0	0	0	0	0	54	0	0	54	
	32.60	48,49	15,88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	174	174	
	35.30	52,61	17,45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	207	207	
	38.00	56,68	19,05	0	176	0	0	0	0	0	0	0	0	0	0	0	0	0	176	
	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	209,739	165,949	0	94,271	3	0	1,726	53	0	101	137,143	5,989	15,702	43,378	674,053
	146,05	---	---	8,00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
---		---	9,53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
---		---	11,00	0	759	0	0	0	0	0	0	0	0	0	0	0	0	0	759	
TOTAL TONS PER SIZE:				0	759	0	0	0	1	0	0	0	0	0	0	0	0	0	0	760
168,28	20.00	29,06	7,32	0	634	0	0	0	0	0	0	0	0	0	0	0	0	307	940	
	24.00	35,13	8,94	0	587	0	0	1,821	4	0	0	0	0	0	0	0	0	320	2,732	
	28.00	41,18	10,59	0	0	0	0	3,066	0	0	0	539	0	0	2,219	0	5,133	38	10,995	
	32.00	46,50	12,07	0	0	0	0	8,232	0	0	0	0	0	0	109	0	237	14	8,592	
	---	---	13,28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL TONS PER SIZE:				0	1,220	0	0	13,119	4	0	0	539	0	0	2,328	0	5,370	679	23,259	

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.)								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	
7	17.00	16.72	0.231	54,681	7	0	0	0	0	0	0	0	0	0	0	0	0	3,236	57,924
	20.00	19.56	0.272	34	50,573	0	0	0	0	0	0	0	0	0	0	0	0	781	51,388
	23.00	22.65	0.317	0	91,475	26,769	0	8,327	0	0	0	0	580	18,533	0	1,963	4,540	152,188	
	26.00	25.69	0.362	0	10,638	19,219	0	54,366	1	0	0	161	0	2,719	63,171	0	5,218	4,008	159,500
	29.00	28.75	0.408	0	202	14,433	0	40,554	0	0	0	2,233	539	285	66,100	0	8,574	4,345	137,265
	32.00	31.70	0.453	0	0	5,670	0	9,349	0	0	0	472	2,418	619	32,355	2,319	7,818	3,777	64,798
	35.00	34.61	0.498	0	0	13	0	841	0	0	0	270	209	0	1,619	1,744	2,531	1,707	8,935
	38.00	37.29	0.540	0	0	0	0	48	0	0	0	0	0	0	198	400	38	215	899
	41.00	40.39	0.590	0	0	0	0	0	0	0	0	0	0	0	104	412	0	524	1,041
	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	106	0	106
	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	0	0	0	0
	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:				54,715	152,895	66,105	0	113,484	1	0	0	3,136	3,166	4,203	182,081	4,876	26,248	23,133	634,044
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	965	108	0	297	0	0	0	0	0	0	6,183	0	0	0	7,553
	29.70	29.06	0.375	0	0	404	0	4,569	0	0	0	0	0	0	47,987	1,738	0	0	54,698
	33.70	33.07	0.430	0	0	3,403	0	583	0	0	0	0	0	0	25,675	522	86	0	30,270
	39.00	38.08	0.500	0	0	0	0	1,655	0	0	12	0	0	0	29,023	19,538	0	2,274	52,503
	42.80	42.43	0.562	0	0	0	0	0	0	0	0	0	0	0	0	430	0	0	430
	45.30	44.71	0.595	0	118	0	0	81	0	0	0	0	0	0	0	120	629	0	948
	47.10	46.77	0.625	0	0	0	0	0	0	0	0	0	0	0	501	167	0	0	668
	51.20	50.95	0.687	0	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	0	0	0	818	0	1,147	7,379	9,344
	59.00	- - -	0.811	0	0	0	0	0	0	0	812	173	0	0	0	0	2,449	0	3,434
TOTAL TONS PER SIZE:				0	1,083	3,915	0	7,185	0	0	824	173	0	0	110,188	22,516	4,311	9,653	159,847
7 3/4	46.10	45.54	0.595	0	0	0	0	0	0	0	0	0	0	0	1,198	6,728	0	4,076	12,002
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	0	0	0	1,198	6,728	0	4,076	12,002

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)									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
177,80	17.00	24,89	5,87	54,681	7	0	0	0	0	0	0	0	0	0	0	0	0	3,236	57,924
	20.00	29,12	6,91	34	50,573	0	0	0	0	0	0	0	0	0	0	0	0	781	51,388
	23.00	33,70	8,05	0	91,475	26,769	0	8,327	0	0	0	0	0	580	18,533	0	1,963	4,540	152,188
	26.00	38,21	9,19	0	10,638	19,219	0	54,366	1	0	0	161	0	2,719	63,171	0	5,218	4,008	159,500
	29.00	42,78	10,36	0	202	14,433	0	40,554	0	0	0	2,233	539	285	66,100	0	8,574	4,345	137,265
	32.00	47,20	11,51	0	0	5,670	0	9,349	0	0	0	472	2,418	619	32,355	2,319	7,818	3,777	64,798
	35.00	51,52	12,65	0	0	13	0	841	0	0	0	270	209	0	1,619	1,744	2,531	1,707	8,935
	38.00	55,52	13,72	0	0	0	0	48	0	0	0	0	0	0	198	400	38	215	899
	41.00	60,14	14,99	0	0	0	0	0	0	0	0	0	0	0	104	412	0	524	1,041
	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	106	0	106
	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	0	0	0	0
	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:				54,715	152,895	66,105	0	113,484	1	0	0	3,136	3,166	4,203	182,081	4,876	26,248	23,133
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	965	108	0	297	0	0	0	0	0	0	6,183	0	0	0	7,553
	29.70	43,28	9,53	0	0	404	0	4,569	0	0	0	0	0	0	47,987	1,738	0	0	54,698
	33.70	49,22	10,92	0	0	3,403	0	583	0	0	0	0	0	0	25,675	522	86	0	30,270
	39.00	56,69	12,70	0	0	0	0	1,655	0	0	12	0	0	0	29,023	19,538	0	2,274	52,503
	42.80	63,14	14,27	0	0	0	0	0	0	0	0	0	0	0	0	430	0	0	430
	45.30	66,55	15,11	0	118	0	0	81	0	0	0	0	0	0	0	120	629	0	948
	47.10	69,64	15,88	0	0	0	0	0	0	0	0	0	0	0	501	167	0	0	668
	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	0	0	818	0	1,147	7,379	9,344
	59.00	---	20,60	0	0	0	0	0	0	0	812	173	0	0	0	0	2,449	0	3,434
	TOTAL TONS PER SIZE:				0	1,083	3,915	0	7,185	0	0	824	173	0	0	110,188	22,516	4,311	9,653
196,80	46.10	67,74	15,11	0	0	0	0	0	0	0	0	0	0	0	1,198	6,728	0	4,076	12,002
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	0	0	0	1,198	6,728	0	4,076	12,002

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