

Report of
**WESTERN
HEMISPHERE
PRODUCTION**
of
**CASING, TUBING
and
DRILL PIPE
1999**

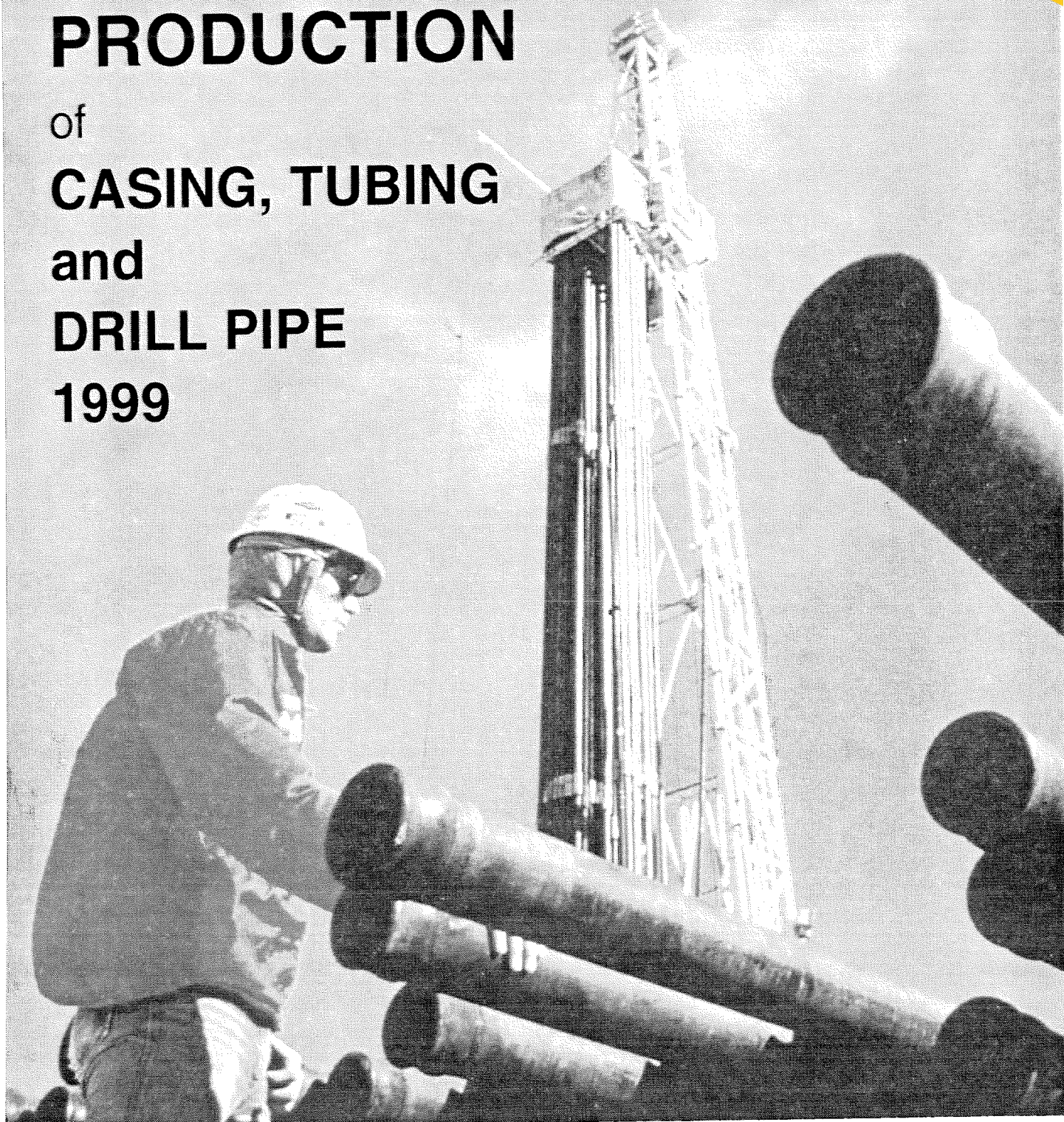


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1999
TONNAGE OF CASING SHIPPED - WORLDWIDE
(Including Casing Liners)
(in Metric Tonnes)

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	1,059	0	0	219	0	0	578	0	0	0	0	0	0	0	1,856
TOTAL TONS PER SIZE:				0	1,059	0	0	219	0	0	578	0	0	0	0	0	0	0	1,856
4	---	11.35	0.286	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93
4 1/2	9.50	9.41	0.205	0	34,249	0	3,888	0	0	0	0	0	0	0	0	0	0	14,904	53,041
	10.50	10.24	0.224	0	79,130	0	464	0	0	0	0	0	0	0	0	0	0	7,545	87,139
	11.60	11.36	0.250	0	44,890	53,172	0	6,367	0	0	0	0	0	4,528	18,804	0	0	14,736	142,497
	12.60	---	0.271	0	174	29	0	2,530	0	0	0	0	0	0	0	0	0	67	2,800
	13.50	13.05	0.290	0	0	1,067	0	1,250	61	0	4,085	0	0	0	19,483	44	722	841	27,553
	15.10	15.00	0.337	0	0	0	0	0	0	0	4,584	0	0	0	13,825	0	2,598	1,935	22,942
	---	---	0.380	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30
	19.20	---	0.430	0	0	0	0	0	0	0	0	0	0	0	0	322	252	176	750
TOTAL TONS PER SIZE:				0	158,442	54,269	4,352	10,147	61	0	8,669	0	0	4,528	52,112	366	3,572	40,234	336,751
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15.00	14.88	0.296	0	408	95	0	711	0	0	0	0	0	0	0	0	1,388	0	2,601
	18.00	17.95	0.362	0	0	152	0	796	302	0	0	40	0	396	5,111	94	834	806	8,531
	---	---	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	329	0	297	14	11	0	651
	23.20	23.11	0.478	0	0	0	0	951	0	0	428	64	637	0	1,583	155	807	0	4,625
	24.10	24.05	0.500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	408	247	0	2,457	302	0	428	104	966	396	6,991	262	3,040	806	16,407

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

1999
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	1,059	0	0	219	0	0	578	0	0	0	0	0	0	0	1,856
TOTAL TONS PER SIZE:				0	1,059	0	0	219	0	0	578	0	0	0	0	0	0	0	1,856
101,6	---	16,89	7,26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93
114,30	9.50	14,02	5,21	0	34,249	0	3,888	0	0	0	0	0	0	0	0	0	0	14,904	53,041
	10.50	15,24	5,69	0	79,130	0	464	0	0	0	0	0	0	0	0	0	0	7,545	87,139
	11.60	16,91	6,35	0	44,890	53,172	0	6,367	0	0	0	0	0	4,528	18,804	0	0	14,736	142,497
	12.60	---	6,88	0	174	29	0	2,530	0	0	0	0	0	0	0	0	0	67	2,800
	13.50	19,44	7,37	0	0	1,067	0	1,250	61	0	4,085	0	0	0	19,483	44	722	841	27,553
	15.10	22,32	8,56	0	0	0	0	0	0	0	4,584	0	0	0	13,825	0	2,598	1,935	22,942
	---	---	9,65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30
	19.20	---	10,92	0	0	0	0	0	0	0	0	0	0	0	0	322	252	176	750
TOTAL TONS PER SIZE:				0	158,442	54,269	4,352	10,147	61	0	8,669	0	0	4,528	52,112	366	3,572	40,234	336,751
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15.00	22,16	7,52	0	408	95	0	711	0	0	0	0	0	0	0	0	1,388	0	2,601
	18.00	26,70	9,19	0	0	152	0	796	302	0	0	40	0	396	5,111	94	834	806	8,531
	---	---	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	329	0	297	14	11	0	651
	23.20	34,39	12,14	0	0	0	0	951	0	0	428	64	637	0	1,583	155	807	0	4,625
	24.10	35,80	12,70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	408	247	0	2,457	302	0	428	104	966	396	6,991	262	3,040	806	16,407

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				Collapse			RY	All	ALL
(In.)	(lb/ft)	(lb/ft)	(In.)	H40	K55	N80	M65	L80	(a)	(a)	C90	C95	T95	95	P110	Q125	(c)	Other	GRADES
5 1/2	14.00	13.71	0.244	0	35,306	0	0	0	0	0	0	0	0	0	0	0	0	215	35,521
	15.50	15.36	0.275	0	76,284	581	0	950	0	0	0	0	0	0	0	0	226	4,599	82,640
	17.00	16.89	0.304	0	36,854	34,960	0	21,950	4,614	0	0	0	0	2,666	33,370	39	3,299	3,633	141,385
	20.00	19.83	0.361	0	777	4,309	0	2,503	1,304	0	0	0	0	71	9,337	0	754	28	19,082
	23.00	22.56	0.415	0	0	0	0	656	122	0	0	0	786	0	1,947	208	459	98	4,276
	26.00	25.54	0.476	0	0	0	0	53	0	0	0	0	588	314	256	778	449	19	2,457
	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	190	0	0	190
	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	818	0	0	0	0	0	0	0	0	0	0	0	0	0	818
	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	150,039	39,850	0	26,111	6,040	0	0	0	1,374	3,051	44,910	1,216	5,187	8,593	286,370
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
6 5/8	20.00	19.51	0.288	0	368	0	0	0	242	0	0	0	0	0	0	0	0	0	609
	24.00	23.60	0.352	0	999	0	0	288	116	0	0	0	0	0	0	0	0	0	1,403
	28.00	27.67	0.417	0	0	0	0	0	55	0	0	0	0	0	0	0	101	0	155
	32.00	31.23	0.475	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	32
	---	---	0.523	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	1,367	0	0	288	443	0	0	0	0	0	0	0	101	0	2,198

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				Collapse	95		RY	All	ALL
(mm)	(lb/ft)	(kg/m)	(mm)	H40	K55	N80	M65	L80	(a)	(a)	C90	C95	T95	(b)	P110	Q125	(c)	Other	GRADES
139,70	14.00	20,41	6,20	0	35,306	0	0	0	0	0	0	0	0	0	0	0	0	215	35,521
	15.50	22,88	6,99	0	76,284	581	0	950	0	0	0	0	0	0	0	0	226	4,599	82,640
	17.00	25,13	7,72	0	36,854	34,960	0	21,950	4,614	0	0	0	0	2,666	33,370	39	3,299	3,633	141,385
	20.00	29,52	9,17	0	777	4,309	0	2,503	1,304	0	0	0	0	71	9,337	0	754	28	19,082
	23.00	33,57	10,54	0	0	0	0	656	122	0	0	0	786	0	1,947	208	459	98	4,276
	26.00	38,02	12,09	0	0	0	0	53	0	0	0	0	588	314	256	778	449	19	2,457
	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	190	0	0	190
	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	818	0	0	0	0	0	0	0	0	0	0	0	0	0	818
	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	150,039	39,850	0	26,111	6,040	0	0	0	1,374	3,051	44,910	1,216	5,187	8,593	286,370
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
168,28	20.00	29,06	7,32	0	368	0	0	0	242	0	0	0	0	0	0	0	0	0	609
	24.00	35,13	8,94	0	999	0	0	288	116	0	0	0	0	0	0	0	0	0	1,403
	28.00	41,18	10,59	0	0	0	0	0	55	0	0	0	0	0	0	0	101	0	155
	32.00	46,50	12,07	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	32
	---	---	13,28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	1,367	0	0	288	443	0	0	0	0	0	0	0	101	0	2,198

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 OD (In.)	NOMINAL WEIGHT (lb/ft)	PLAIN END WEIGHT (lb/ft)	WALL THICKNESS (In.)											High Collapse		Other RY (c)	All Other	TOTAL ALL GRADES	
				H40	J55 K55	N80	M65	L80	L80 13Cr (a)	L85 13Cr (a)	C90	C95	T95	95 (b)	P110				Q125
7	17.00	16.72	0.231	24,848	4,768	0	0	0	0	0	0	0	0	0	0	0	542	7,887	38,045
	20.00	19.56	0.272	19	29,393	0	0	0	0	0	0	0	0	0	0	0	120	1,123	30,655
	23.00	22.65	0.317	0	57,891	9,747	0	9,780	0	0	0	0	0	12,691	19,350	0	264	449	110,171
	26.00	25.69	0.362	0	10,697	10,638	0	11,624	1,997	0	0	233	0	2,804	25,191	136	836	2,246	66,402
	29.00	28.75	0.408	0	0	3,166	0	9,648	3,732	0	0	1,676	1,470	750	33,520	0	15,424	1,769	71,155
	32.00	31.70	0.453	0	0	0	0	3,121	0	0	0	280	2,102	0	6,014	446	4,925	781	17,667
	35.00	34.61	0.498	0	0	0	0	381	0	0	0	0	379	0	328	906	2,464	536	4,994
	38.00	37.29	0.540	0	0	0	0	1	0	0	0	0	64	0	285	937	0	46	1,333
	41.00	40.39	0.590	0	0	0	0	0	0	0	0	0	0	0	787	345	0	44	1,175
	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	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:				24,867	102,749	23,551	0	34,555	5,729	0	0	2,189	4,015	16,244	85,474	2,768	24,575	14,881	341,597
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	623	1,869	0	812	0	0	0	0	0	185	10,505	0	0	12	14,006
	29.70	29.06	0.375	0	0	2,053	0	2,735	1,991	0	0	0	0	1,254	28,957	0	0	0	36,990
	33.70	33.07	0.430	0	0	1,014	0	1,071	836	0	0	0	0	0	15,271	0	960	100	19,252
	39.00	38.08	0.500	0	0	0	0	1,641	0	0	0	0	2,055	0	20,595	13,354	1,318	164	39,128
	42.80	42.43	0.562	0	0	0	0	0	0	0	0	0	169	0	252	48	81	0	550
	45.30	44.71	0.595	0	0	0	0	30	0	0	0	213	0	0	68	729	0	0	1,040
	47.10	46.77	0.625	0	0	0	0	0	0	0	0	52	854	0	1,667	8	789	10	3,381
	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	1,696	0	754	1,680	4,527	0	8,656
	59.00	---	0.811	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	623	4,936	0	6,288	2,827	0	0	265	4,775	1,439	78,069	15,818	7,675	286	123,003
7 3/4	46.10	45.54	0.595	0	0	0	0	0	0	0	0	124	319	0	626	1,154	1,273	1,335	4,832
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	124	319	0	626	1,154	1,273	1,335	4,832

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						TOTAL
OD	WEIGHT	WEIGHT	THICKNESS		J55				13Cr	13Cr			Collapse				Other	All	ALL
(mm)	(lb/ft)	(kg/m)	(mm)	H40	K55	N80	M65	L80	(a)	(a)	C90	C95	T95	95	P110	Q125	RY	Other	GRADES
														(b)			(c)		
177.80	17.00	24.89	5.87	24,848	4,768	0	0	0	0	0	0	0	0	0	0	0	542	7,887	38,045
	20.00	29.12	6.91	19	29,393	0	0	0	0	0	0	0	0	0	0	0	120	1,123	30,655
	23.00	33.70	8.05	0	57,891	9,747	0	9,780	0	0	0	0	0	12,691	19,350	0	264	449	110,171
	26.00	38.21	9.19	0	10,697	10,638	0	11,624	1,997	0	0	233	0	2,804	25,191	136	836	2,246	66,402
	29.00	42.78	10.36	0	0	3,166	0	9,648	3,732	0	0	1,676	1,470	750	33,520	0	15,424	1,769	71,155
	32.00	47.20	11.51	0	0	0	0	3,121	0	0	0	280	2,102	0	6,014	446	4,925	781	17,667
	35.00	51.52	12.65	0	0	0	0	381	0	0	0	0	379	0	328	906	2,464	536	4,994
	38.00	55.52	13.72	0	0	0	0	1	0	0	0	0	64	0	285	937	0	46	1,333
	41.00	60.14	14.99	0	0	0	0	0	0	0	0	0	0	0	787	345	0	44	1,175
	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	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:				24,867	102,749	23,551	0	34,555	5,729	0	0	2,189	4,015	16,244	85,474	2,768	24,575	14,881	341,597
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	623	1,869	0	812	0	0	0	0	0	185	10,505	0	0	12	14,006
	29.70	43.28	9.53	0	0	2,053	0	2,735	1,991	0	0	0	0	1,254	28,957	0	0	0	36,990
	33.70	49.22	10.92	0	0	1,014	0	1,071	836	0	0	0	0	0	15,271	0	960	100	19,252
	39.00	56.69	12.70	0	0	0	0	1,641	0	0	0	0	2,055	0	20,595	13,354	1,318	164	39,128
	42.80	63.14	14.27	0	0	0	0	0	0	0	0	0	169	0	252	48	81	0	550
	45.30	66.55	15.11	0	0	0	0	30	0	0	0	213	0	0	68	729	0	0	1,040
	47.10	69.64	15.88	0	0	0	0	0	0	0	0	52	854	0	1,667	8	789	10	3,381
	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	1,696	0	754	1,680	4,527	0	8,656
	59.00	---	20.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	623	4,936	0	6,288	2,827	0	0	265	4,775	1,439	78,069	15,818	7,675	286	123,003
196.90	46.10	67.74	15.11	0	0	0	0	0	0	0	0	124	319	0	626	1,154	1,273	1,335	4,832
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	124	319	0	626	1,154	1,273	1,335	4,832

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