

Report of

WESTERN HEMISPHERE PRODUCTION

of

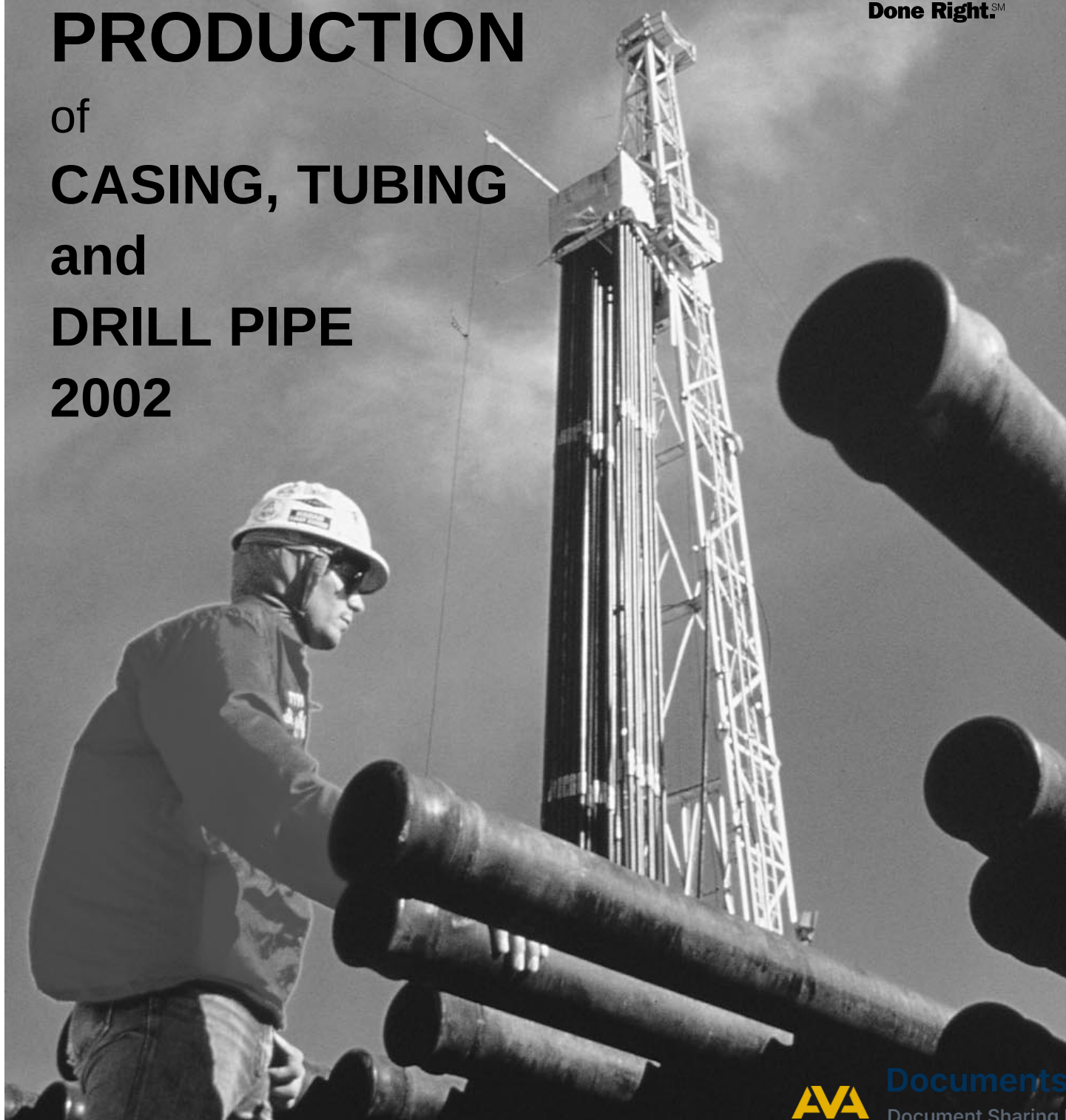
CASING, TUBING and DRILL PIPE

2002



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2002
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	0	194	0	0	0	0	0	0	0	0	0	0	0	932	1,126
TOTAL TONS PER SIZE:				0	0	194	0	0	0	0	0	0	0	0	0	0	0	932	1,126
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	88,426	0	5,921	0	0	0	0	0	0	0	0	0	0	19,161	113,509
	10.50	10.24	0.224	0	49,433	0	0	0	0	0	0	0	0	0	0	0	0	10,376	59,809
	11.60	11.36	0.250	0	55,903	31,673	0	10,056	0	0	0	483	0	908	17,542	116	316	39,476	156,472
	12.60	---	0.271	0	137	16	0	0	0	0	0	0	0	0	0	0	0	196	349
	13.50	13.05	0.290	0	13	143	0	3,534	0	0	0	0	0	0	4,925	0	28	4,492	13,135
	15.10	15.00	0.337	0	263	0	0	207	0	0	4,018	0	0	0	9,756	720	3,176	2,474	20,614
	---	---	0.380	0	0	0	0	0	0	0	0	0	0	0	196	260	0	0	456
	19.20	---	0.430	0	0	0	0	99	0	0	0	142	0	0	0	10	0	238	489
TOTAL TONS PER SIZE:				0	194,174	31,832	5,921	13,895	0	0	4,018	625	0	908	32,419	1,106	3,520	76,413	364,832
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	23	0	0	0	0	0	0	0	0	0	0	0	0	23
	15.00	14.88	0.296	0	189	89	0	1,636	0	0	0	0	0	0	163	0	588	494	3,160
	18.00	17.95	0.362	0	205	936	0	1,775	0	0	0	0	103	0	3,564	242	141	1,073	8,039
	---	---	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	590	0	289	38	0	0	917
	23.20	23.11	0.478	0	0	0	0	108	0	0	0	0	5,039	0	6,609	168	0	4,485	16,409
	24.10	24.05	0.500	0	22	0	0	0	0	0	0	0	0	0	0	0	0	184	206
TOTAL TONS PER SIZE:				0	417	1,048	0	3,519	0	0	0	0	5,731	0	10,624	448	729	6,236	28,753

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

2002
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	0	194	0	0	0	0	0	0	0	0	0	0	0	932	1,126
TOTAL TONS PER SIZE:				0	0	194	0	0	0	0	0	0	0	0	0	0	0	932	1,126
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	88,426	0	5,921	0	0	0	0	0	0	0	0	0	0	19,161	113,509
	10.50	15,24	5,69	0	49,433	0	0	0	0	0	0	0	0	0	0	0	0	10,376	59,809
	11.60	16,91	6,35	0	55,903	31,673	0	10,056	0	0	0	483	0	908	17,542	116	316	39,476	156,472
	12.60	---	6,88	0	137	16	0	0	0	0	0	0	0	0	0	0	0	196	349
	13.50	19,44	7,37	0	13	143	0	3,534	0	0	0	0	0	0	4,925	0	28	4,492	13,135
	15.10	22,32	8,56	0	263	0	0	207	0	0	4,018	0	0	0	9,756	720	3,176	2,474	20,614
	---	---	9,65	0	0	0	0	0	0	0	0	0	0	0	196	260	0	0	456
	19.20	---	10,92	0	0	0	0	99	0	0	0	142	0	0	0	10	0	238	489
TOTAL TONS PER SIZE:				0	194,174	31,832	5,921	13,895	0	0	4,018	625	0	908	32,419	1,106	3,520	76,413	364,832
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	23	0	0	0	0	0	0	0	0	0	0	0	0	23
	15.00	22,16	7,52	0	189	89	0	1,636	0	0	0	0	0	0	163	0	588	494	3,160
	18.00	26,70	9,19	0	205	936	0	1,775	0	0	0	0	103	0	3,564	242	141	1,073	8,039
	---	---	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	590	0	289	38	0	0	917
	23.20	34,39	12,14	0	0	0	0	108	0	0	0	0	5,039	0	6,609	168	0	4,485	16,409
	24.10	35,80	12,70	0	22	0	0	0	0	0	0	0	0	0	0	0	0	184	206
TOTAL TONS PER SIZE:				0	417	1,048	0	3,519	0	0	0	0	5,731	0	10,624	448	729	6,236	28,753

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.)					L80	L85	High				Other				TOTAL	
				H40	J55 K55	N80	M65	L80	13Cr (a)	13Cr (a)	C90	C95	T95	Collapse 95 (b)	P110	Q125	RY (c)	All Other	ALL GRADES
5 1/2	14.00	13.71	0.244	224	37,636	109	0	2	0	0	0	0	0	0	0	0	0	28	38,000
	15.50	15.36	0.275	0	95,072	972	0	1,168	0	0	0	0	0	0	0	0	0	3,342	100,554
	17.00	16.89	0.304	0	49,828	131,594	0	22,418	84	0	0	0	0	111	23,473	0	1,850	29,289	258,647
	20.00	19.83	0.361	0	86	10,674	0	9,664	0	0	0	247	0	0	20,905	42	7,246	3,442	52,306
	23.00	22.56	0.415	0	0	388	0	749	0	0	1,379	44	7	0	8,660	883	3,310	0	15,421
	26.00	25.54	0.476	0	0	0	0	287	0	0	0	0	1,395	0	2,265	519	520	1,687	6,672
	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	574	0	0	144	0	709	1,427
	32.60	32.57	0.625	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	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	185	0	0	0	0	0	0	0	0	0	0	0	0	0	185
	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:				224	182,807	143,737	0	34,288	84	0	1,379	291	1,977	111	55,303	1,588	12,927	38,497
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	53	53
	---	---	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	53	53
6 5/8	20.00	19.51	0.288	0	40	0	0	185	0	0	0	0	0	0	0	0	0	255	481
	24.00	23.60	0.352	0	912	207	0	1,020	390	0	0	0	0	0	0	0	0	261	2,791
	28.00	27.67	0.417	0	0	0	0	2,536	0	0	0	449	0	0	1,764	0	4,103	31	8,884
	32.00	31.23	0.475	0	0	0	0	6,708	0	0	0	0	0	0	55	288	189	12	7,252
	---	---	0.523	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	953	207	0	10,449	390	0	0	449	0	0	1,819	288	4,293	560	19,408

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											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	224	37,636	109	0	2	0	0	0	0	0	0	0	0	0	28	38,000	
	15.50	22,88	6,99	0	95,072	972	0	1,168	0	0	0	0	0	0	0	0	0	3,342	100,554	
	17.00	25,13	7,72	0	49,828	131,594	0	22,418	84	0	0	0	0	111	23,473	0	1,850	29,289	258,647	
	20.00	29,52	9,17	0	86	10,674	0	9,664	0	0	0	247	0	0	20,905	42	7,246	3,442	52,306	
	23.00	33,57	10,54	0	0	388	0	749	0	0	1,379	44	7	0	8,660	883	3,310	0	15,421	
	26.00	38,02	12,09	0	0	0	0	287	0	0	0	0	1,395	0	2,265	519	520	1,687	6,672	
	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	574	0	0	144	0	709	1,427	
	32.60	48,49	15,88	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
	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	185	0	0	0	0	0	0	0	0	0	0	0	0	0	185	
	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:				224	182,807	143,737	0	34,288	84	0	1,379	291	1,977	111	55,303	1,588	12,927	38,497	473,214
	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	53	53	
---		---	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	53	53
168.28	20.00	29,06	7,32	0	40	0	0	185	0	0	0	0	0	0	0	0	0	255	481	
	24.00	35,13	8,94	0	912	207	0	1,020	390	0	0	0	0	0	0	0	0	261	2,791	
	28.00	41,18	10,59	0	0	0	0	2,536	0	0	0	449	0	0	1,764	0	4,103	31	8,884	
	32.00	46,50	12,07	0	0	0	0	6,708	0	0	0	0	0	0	55	288	189	12	7,252	
	---	---	13,28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL TONS PER SIZE:				0	953	207	0	10,449	390	0	0	449	0	0	1,819	288	4,293	560	19,408	

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.)	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
7	17.00	16.72	0.231	42,411	119	0	0	0	0	0	0	0	0	0	0	0	0	423	42,952
	20.00	19.56	0.272	375	33,587	0	0	0	0	0	0	0	0	0	0	0	0	0	33,962
	23.00	22.65	0.317	0	95,637	21,300	0	16,750	0	0	0	0	0	3,743	7,637	0	1,634	23,540	170,242
	26.00	25.69	0.362	2,503	9,643	16,005	0	46,454	0	0	0	348	0	266	29,156	0	4,218	6,250	114,844
	29.00	28.75	0.408	0	9	10,166	0	33,716	0	0	0	1,785	431	637	31,045	9	5,405	3,158	86,361
	32.00	31.70	0.453	0	0	546	0	6,788	0	0	0	439	2,553	0	8,886	965	6,625	1,728	28,530
	35.00	34.61	0.498	0	0	9	0	190	0	0	0	604	106	0	2,404	3,155	2,459	169	9,095
	38.00	37.29	0.540	0	0	0	0	0	0	0	0	0	0	0	572	688	30	1	1,291
	41.00	40.39	0.590	0	0	0	0	0	0	0	0	0	0	0	289	422	0	0	711
	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	99	0	0	0	99
	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	128	0	0	128
	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:				45,288	138,995	48,027	0	103,898	0	0	0	3,175	3,089	4,646	80,087	5,367	20,372	35,269	488,214
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	921	257	0	405	0	0	0	0	0	0	5,020	0	0	6	6,608
	29.70	29.06	0.375	0	0	99	0	3,317	0	0	0	0	0	0	35,479	46	0	123	39,065
	33.70	33.07	0.430	0	0	2,650	0	588	0	0	236	0	0	1	14,822	420	69	761	19,548
	39.00	38.08	0.500	0	0	12	0	511	0	0	6	0	0	531	27,805	9,762	0	1,233	39,860
	42.80	42.43	0.562	0	0	0	0	331	0	0	0	0	483	0	9	583	0	0	1,405
	45.30	44.71	0.595	0	109	0	0	0	0	0	0	0	0	0	0	46	503	0	658
	47.10	46.77	0.625	0	0	0	0	188	0	0	0	0	401	0	398	503	0	0	1,489
	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	96	0	0	0	917	0	1,013
	59.00	---	0.811	0	0	0	0	0	0	0	676	144	0	0	0	0	1,958	0	2,778
TOTAL TONS PER SIZE:				0	1,030	3,018	0	5,340	0	0	918	144	979	532	83,534	11,360	3,446	2,123	112,424
7 3/4	46.10	45.54	0.595	0	0	0	0	0	0	0	0	0	58	0	202	11,509	0	3,164	14,933
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	0	58	0	202	11,509	0	3,164	14,933

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 (mm)	NOMINAL WEIGHT (lb/ft)	PLAIN END WEIGHT (kg/m)	WALL THICKNESS (mm)	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	
177,80	17.00	24,89	5,87	42,411	119	0	0	0	0	0	0	0	0	0	0	0	0	423	42,952	
	20.00	29,12	6,91	375	33,587	0	0	0	0	0	0	0	0	0	0	0	0	0	33,962	
	23.00	33,70	8,05	0	95,637	21,300	0	16,750	0	0	0	0	3,743	7,637	0	1,634	23,540	170,242		
	26.00	38,21	9,19	2,503	9,643	16,005	0	46,454	0	0	0	348	0	266	29,156	0	4,218	6,250	114,844	
	29.00	42,78	10,36	0	9	10,166	0	33,716	0	0	0	1,785	431	637	31,045	9	5,405	3,158	86,361	
	32.00	47,20	11,51	0	0	546	0	6,788	0	0	0	439	2,553	0	8,886	965	6,625	1,728	28,530	
	35.00	51,52	12,65	0	0	9	0	190	0	0	0	604	106	0	2,404	3,155	2,459	169	9,095	
	38.00	55,52	13,72	0	0	0	0	0	0	0	0	0	0	0	572	688	30	1	1,291	
	41.00	60,14	14,99	0	0	0	0	0	0	0	0	0	0	0	289	422	0	0	711	
	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	99	0	0	0	99	
	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	128	0	0	128
	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:				45,288	138,995	48,027	0	103,898	0	0	0	3,175	3,089	4,646	80,087	5,367	20,372	35,269	488,214
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	921	257	0	405	0	0	0	0	0	0	5,020	0	0	6	6,608	
	29.70	43,28	9,53	0	0	99	0	3,317	0	0	0	0	0	0	35,479	46	0	123	39,065	
	33.70	49,22	10,92	0	0	2,650	0	588	0	0	236	0	0	1	14,822	420	69	761	19,548	
	39.00	56,69	12,70	0	0	12	0	511	0	0	6	0	0	531	27,805	9,762	0	1,233	39,860	
	42.80	63,14	14,27	0	0	0	0	331	0	0	0	0	483	0	9	583	0	0	1,405	
	45.30	66,55	15,11	0	109	0	0	0	0	0	0	0	0	0	0	46	503	0	658	
	47.10	69,64	15,88	0	0	0	0	188	0	0	0	0	401	0	398	503	0	0	1,489	
	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	96	0	0	0	917	0	1,013	
	59.00	---	20,60	0	0	0	0	0	0	0	676	144	0	0	0	0	1,958	0	2,778	
	TOTAL TONS PER SIZE:				0	1,030	3,018	0	5,340	0	0	918	144	979	532	83,534	11,360	3,446	2,123	112,424
196,00	46.10	67,74	15,11	0	0	0	0	0	0	0	0	0	58	0	202	11,509	0	3,164	14,933	
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	0	0	58	0	202	11,509	0	3,164	14,933	

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