

Seamless hot-worked tubes of carbon and alloy-free steel with special properties

GOST 30564-98
DSTU 3667-97

Used for pipeline construction.

Pipe dimensions and weight

Outside diameter, mm	Weight per meter, kg, for wall thickness, mm															
	3,5	4,0	4,5	5,0	5,5	6,0	6,5	7,0	7,5	8,0	8,5	9,0	9,5	10,0	11,0	12,0
45	3,58	4,04	4,49	-	-	-	-	-	-	-	-	-	-	-	-	-
50	4,01	4,54	5,05	5,55	6,04	-	-	-	-	-	-	-	-	-	-	-
57	4,62	5,23	5,83	6,41	6,99	7,55	8,10	-	-	-	-	-	-	-	-	-
60	4,88	5,52	6,16	6,78	7,39	7,99	-	-	-	-	-	-	-	-	-	-
63,5	5,18	5,87	6,55	7,21	7,87	8,51	-	-	-	-	-	-	-	-	-	-
70	5,74	6,51	7,27	8,02	8,75	9,47	-	-	-	-	-	-	-	-	-	-
73	6,00	6,81	7,60	8,39	9,16	9,91	10,66	11,39	12,12	12,82	13,52	14,21	14,88	15,54	16,82	18,05
76	6,26	7,10	7,94	8,76	9,56	10,36	11,14	11,91	12,67	13,42	14,15	14,87	15,58	16,28	17,63	18,94
83	6,86	7,79	8,71	9,62	10,51	11,39	12,26	13,12	13,96	14,80	15,62	16,43	17,22	18,00	19,53	21,01
89	7,38	8,39	9,38	10,36	11,33	12,28	13,23	14,16	15,07	15,98	16,88	17,76	18,63	19,48	21,16	22,70
95	-	8,98	10,04	11,10	12,14	13,17	14,19	15,19	16,18	17,16	18,13	19,09	20,03	20,96	22,79	24,56
102	-	9,67	10,82	11,96	13,09	14,21	15,31	16,40	17,48	18,55	19,60	20,64	21,67	22,69	24,69	26,63
108	-	10,26	11,49	12,70	13,90	15,09	16,27	17,44	18,59	19,73	20,86	21,97	23,08	24,17	26,31	28,41
114	-	-	-	13,44	14,72	15,98	17,23	18,47	19,70	20,91	22,12	23,31	24,48	25,65	27,94	30,19
121	-	-	-	14,30	15,67	17,02	18,35	19,68	20,99	22,29	23,58	24,86	26,12	27,37	29,84	32,26
127	-	-	-	15,04	16,48	17,90	19,32	20,72	22,10	23,48	24,84	26,19	27,53	28,85	31,47	34,03
133	-	-	-	15,78	17,29	18,79	20,28	21,75	23,21	24,66	26,10	27,52	28,93	30,33	33,10	35,81
140	-	-	-	16,65	18,24	19,83	21,40	22,96	24,51	26,04	27,57	29,08	30,57	32,06	35,00	37,88
146	-	-	-	17,39	19,06	20,72	22,36	24,00	25,62	27,23	28,82	30,41	31,98	33,54	36,62	39,66
152	-	-	-	18,13	19,87	21,60	23,32	25,03	26,73	28,41	30,08	31,74	33,39	35,05	38,25	41,43
159	-	-	-	-	-	22,64	24,45	26,24	28,02	29,79	31,55	33,29	35,03	36,75	40,15	43,50
168	-	-	-	-	-	23,97	25,89	27,79	29,69	31,57	33,44	35,29	37,13	38,97	42,59	46,17
180	-	-	-	-	-	-	-	29,87	31,91	33,93	35,95	37,95	39,95	41,93	45,85	49,72
194	-	-	-	-	-	-	-	32,28	34,50	36,70	38,89	41,06	43,23	45,38	49,64	53,86
203	-	-	-	-	-	-	-	33,84	36,16	38,47	40,77	43,06	45,33	47,60	52,09	56,52
219	-	-	-	-	-	-	-	36,60	39,12	41,63	44,13	46,61	49,08	51,54	56,43	61,26
245	-	-	-	-	-	-	-	41,09	43,93	46,76	49,58	52,38	55,17	57,95	63,48	68,95
273	-	-	-	-	-	-	-	45,92	49,11	52,28	55,45	58,60	61,73	64,86	71,07	77,24
299	-	-	-	-	-	-	-	-	-	57,41	60,90	64,37	67,83	71,27	78,13	84,93
325	-	-	-	-	-	-	-	-	-	62,54	66,35	70,14	73,92	77,68	85,18	92,63
351	-	-	-	-	-	-	-	-	-	-	-	75,91	80,01	84,10	92,23	100,32
377	-	-	-	-	-	-	-	-	-	-	-	81,68	86,10	90,51	99,29	108,02

Pipe dimensions and weight (continued)

Outside diameter, mm	Weight per meter, kg, for wall thickness, mm														
	13,0	14,0	15,0	16,0	17,0	18,0	19,0	20,0	22,0	24,0	25,0	26,0	28,0	30,0	32,0
83	22,44	23,82	-	-	-	-	-	-	-	-	-	-	-	-	-
89	24,37	25,90	27,37	-	-	-	-	-	-	-	-	-	-	-	-
95	26,29	27,97	29,59	-	-	-	-	-	-	-	-	-	-	-	-
102	28,53	30,38	32,18	-	-	-	-	-	-	-	-	-	-	-	-
108	30,46	32,46	34,40	-	-	-	-	-	-	-	-	-	-	-	-
114	32,38	34,53	36,62	38,67	40,67	-	-	-	-	-	-	-	-	-	-
121	34,62	36,94	39,21	41,63	43,60	-	-	-	-	-	-	-	-	-	-
127	36,55	39,01	41,43	43,80	46,12	-	-	-	-	-	-	-	-	-	-
133	38,47	41,09	43,65	46,17	48,63	-	-	-	-	-	-	-	-	-	-
140	40,72	43,50	46,24	48,93	51,57	54,16	56,70	-	-	-	-	-	-	-	-
146	42,64	45,57	48,46	51,30	54,08	56,82	59,51	-	-	-	-	-	-	-	-
152	44,56	47,65	50,68	53,66	56,60	59,48	62,32	-	-	-	-	-	-	-	-
159	46,81	50,06	53,27	56,43	59,53	62,59	65,60	-	-	-	-	-	-	-	-
168	49,69	53,17	56,60	59,98	63,31	66,59	69,82	73,00	79,21	-	-	-	-	-	-
180	53,54	57,31	61,04	64,71	68,34	71,91	75,44	78,92	85,72	-	-	-	-	-	-
194	58,03	62,15	66,22	70,24	74,21	78,13	82,00	85,82	93,32	-	-	-	-	-	-
203	60,91	65,25	69,55	73,79	77,98	82,12	86,22	90,26	98,20	-	-	-	-	-	-
219	66,04	70,78	75,46	80,10	84,69	89,23	93,71	98,15	106,88	115,42	119,61	-	-	-	-
245	74,38	79,76	85,08	90,36	95,59	100,77	105,90	110,98	120,99	130,80	135,64	-	-	-	-
273	83,36	89,42	95,44	101,41	107,33	113,20	119,02	124,79	136,18	147,38	152,90	158,38	169,18	179,78	190,19
299	91,69	98,40	105,06	111,67	118,23	124,74	131,20	137,61	150,29	162,77	168,93	175,05	187,13	199,02	210,71
325	100,03	107,38	114,68	121,93	129,13	136,28	143,38	150,44	164,39	178,16	184,96	191,72	205,09	218,25	231,23
351	108,36	116,35	124,29	132,19	140,03	147,82	155,57	163,26	178,50	193,54	200,99	208,39	223,04	237,49	251,74
377	116,70	125,33	133,91	142,45	150,93	159,36	167,75	176,08	192,61	208,93	217,02	225,06	240,99	256,73	272,26

It is possible to make tube with dimensions not specified in this table.

Lengths supplied:

- off-gage length of 4 to 12.5 m;
- specific cut length within off-gage length;
- multiple specific cut length within off-gage length.

Steel hardness:

Steel grade	Chemical compound according to
10, 20, 35, 45	GOST 1050
20X, 30X, 10Г2, 15XM, 30XMA	GOST 4543
10Г2	GOST 4543
10Г2A	GOST 30564
09Г2С	GOST 19281

Obligatory requirements:

- hydraulic pressure test or non-destructive check;
- collapse test (for tubes with wall thickness of no more than 15% of outer diameter).

At customer's request it is possible to carry out:

- non-destructive check;
- bend-over test;
- impact-bending test (for tubes with wall thickness of 5 to 22 mm);
- macrostructure control (for tubes with wall thickness of no less than 10 mm);
- chamfering (for tubes with wall thickness of 5 to 20 mm).