

DIN 2448 DİKİŞSİZ ÇELİK ÇEKME BORU BOYUT VE AĞIRLIKLARI

d1 mm	S mm	1.6 0.063	1.8 0.071	2 0.079	2.3 0.091	2.6 0.102	2.9 0.114	3.2 0.126	3.6 0.142	4 0.157	4.5 0.177	5 0.197	5.6 0.22	6.3 0.248	7.1 0.28	8 0.315	8.8 0.346	10 0.394	11 0.433	12.5 0.492	14.2 0.559	16 0.63	17.5 0.689	20 0.787	22.5 0.874	25 0.984	28 1.102	30 1.181	32 1.26	36 1.417	40 1.575	45 1.172	50 1.969	55 2.165	60 2.362	65 2.5597	70 2.745	75 2.953	80 3.15	85 3.346	90 3.543	100 3.937				
10.2	1.8	0.339	0.373	0.404	0.448	0.487																																								
13.5	1.8		0.519	0.567	0.635	0.699	0.758	0.813	0.879																																					
16	1.8		0.630	0.691	0.777	0.859	0.937	1.01	1.10	1.18																																				
17.2	1.8		0.684	0.750	0.845	0.936	1.02	1.10	1.21	1.30	1.41																																			
19	2			0.838	0.947	1.05	1.15	1.25	1.37	1.48	1.61	1.73																																		
20	2			0.888	1.00	1.12	1.22	1.33	1.46	1.58	1.72	1.85																																		
21.3	2			0.952	1.08	1.20	1.32	1.43	1.57	1.71	1.86	2.01																																		
25	2			1.13	1.29	1.44	1.58	1.72	1.90	2.07	2.28	2.47	2.68	2.91																																
25.4	2			1.15	1.31	1.46	1.61	1.75	1.94	2.11	2.31	2.52	2.73	2.97																																
26.9	2			1.23	1.40	1.56	1.72	1.87	2.07	2.26	2.49	2.70	2.94	3.20	3.47																															
30	2.3				1.57	1.76	1.94	2.11	2.34	2.56	2.83	3.08	3.37	3.68	4.01																															
31.8	2.3				1.67	1.87	2.07	2.26	2.50	2.74	3.03	3.30	3.62	3.96	4.32	4.70																														
33.7	2.3				1.78	1.99	2.20	2.41	2.67	2.93	3.24	3.54	3.88	4.26	4.66	5.07																														
38	2.6					2.27	2.51	2.75	3.05	3.35	3.72	4.07	4.47	4.93	5.41	5.92	6.34																													
42.4	2.6					2.55	2.82	3.09	3.44	3.79	4.21	4.61	5.08	5.61	6.18	6.79	7.29	7.99																												
44.5	2.3					2.69	2.98	3.26	3.63	4.00	4.44	4.87	5.37	5.94	6.55	7.20	7.75	8.51	9.09																											
48.3	2.6					2.93	3.25	3.56	3.97	4.37	4.86	5.34	5.90	6.53	7.21	7.95	8.57	9.45	10.1	11.0																										
51	2.6					3.10	3.44	3.77	4.21	4.64	5.16	5.67	6.27	6.94	7.69	8.48	9.16	10.1	10.9	11.9	12.9																									
54	2.6					3.30	3.65	4.01	4.47	4.93	5.49	6.04	6.68	7.41	8.21	9.08	9.81	10.9	11.7	12.8	13.9																									
57	2.9						3.87	4.25	4.74	5.23	5.83	6.41	7.10	7.88	8.74	9.67	10.5	11.6	12.5	13.7	15.0	16.2																								
60.3	2.9						4.11	4.51	5.03	5.55	6.19	6.82	7.55	8.39	9.32	10.3	11.2	12.4	13.4	14.7	16.1	17.5	18.5																							
63.5	2.9						4.33	4.76	5.32	5.87	6.55	7.21	8.00	8.89	9.88	10.9	11.9	13.2	14.2	15.7	17.3	18.7	19.9																							
70	2.9						4.80	5.27	5.90	6.51	7.27	8.01	8.89	9.90	11.0	12.2	13.3	14.8	16.0	17.7	19.5	21.3	22.7	24.7																						
73	2.9						5.01	5.51	6.16	6.81	7.60	8.38	9.31	10.4	11.5	12.8	13.9	15.5	16.8	18.7	20.6	22.5	24.0	26.1																						
76.1	2.9						5.24	5.75	6.44	7.11	7.95	8.77	9.74	10.8	12.1	13.4	14.6	16.3	17.2	19.6	21.7	23.7	25.3	27.7																						
82.5	2.9							6.26	7.00	7.74	8.66	9.56	10.6	11.8	13.2	14.7	16.0	17.9	19.4	21.6	23.9	26.2	28.1	30.8	33.0																					
88.9	3.2							6.76	7.57	8.38	9.37	10.3	11.5	12.8	14.3	16.0	17.4	19.5	21.1	23.6	26.2	28.8	30.8	34.0	36.5	39.4																				
101.6	3.6								8.70	9.63	10.8	11.9	13.3	14.8	16.50	18.5	20.1	22.6	24.6	27.5	30.6	33.8	36.3	40.2	43.5	47.2	50.8	53.0	54.9																	
108	3.6								9.27	10.3	11.5	12.7	14.1	15.8	17.20	19.7	21.5	24.2	26.3	29.4	32.8	36.3	39.1	43.4	47.0	51.2	55.2	57.7	60.0	63.9																
114.3	3.6								9.83	10.9	12.2	13.5	15.0	16.8	18.10	21.0	22.9	25.7	28.0	31.4	35.1	38.8	41.8	46.5	50.4	55.5	59.6	62.7	64.9	69.5																
127	4									12.1	13.6	15.00	16.8	18.8	21.00	23.50	25.7	28.9	31.5	35.3	39.5	43.8	47.3	52.8	57.4	62.9	68.4	71.8	75.0	80.8	85.8															
133	4									12.7	14.3	15.8	17.6	19.7	22.0	24.7	27.0	30.3	33.1	37.1	41.6	46.2	49.8	55.7	60.7	66.6	72.5	76.2	79.7	86.1	91.7															
139.7	4									13.4	15.0	16.6	18.5	20.7	23.2	26.0	28.4	32.0	34.9	39.2	433.9	48.8	52.7	59.0	64.3	70.7	77.1	81.2	85.0	92.1	98.4	105														
152.4	4.5										16.4	18.2	20.3	22.7	25.4	28.5	31.2	35.1	38.4	43.1	48.4	53.8	58.2	65.3	71.3	78.5	85.9	90.6	95.0	103	111	119	126													
159	4.5										17.1	19.0	21.2	23.7	26.6	29.8	32.6	36.7	40.1	45.2	50.7	56.4	61.1	68.6	74.9	82.6	90.5	95.4	100	109	117	127	134													
168.3	4.5										18.2	20.1	22.5	25.2	28.2	31.6	34.6	39.0	42.7	48.0	54.0	60.1	65.1	73.1	80.0	88.3	96.9	102	108	117	127	137	146	154												
177.8	5											21.3	23.8	26.6	29.9	33.5	36.7		41.4	45.2	51.0	57.3	63.8	69.2	77.8	85.2	94.2	103	109	115	126	136	147	158	167											
193.7	5.6												26.0	29.1	32.7	36.6	40.1	45.3	49.6	55.9	62.9	70.1	76.0	85.7	93.9	104	114	121	128	140	152	165	177	188												
219.1	6.3													33.1	37.1	41.6	45.6	51.6	56.5	63.7	71.8	80.1	87.0	98.2	108	120	132	148	148	163	177	193	209	223	235	247	257									
244.5	6.3													37.0	41.6	46.7	51.2	57.8	63.3	71.5	80.6	90.2	98.0	111	122	135	149	159	168	185	202	221	240	257	273	288	301	314	325							
273	6.3													41.4	46.6	52.3	57.3	64.9	71.1	80.3	90.6	101	110	125	137	153	169	180	190	210	230	253	275	296	315	333	350	366	381	394						
323.9	7.1														55.5	62.3	684	77.4	84.9	96.0	108	121	132	150	165	184	204	217	230	256	280	310	338	365	390	415	438	460	481	501	519	552				
355.6	8															68.6	75.3	85.2	93.5	106	120	134	146																							