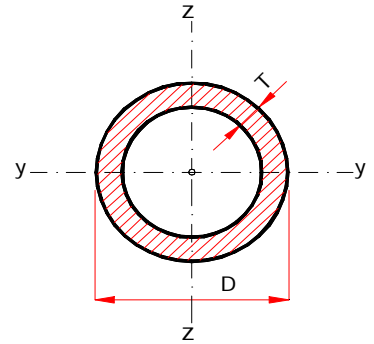


Profile tubulare rotunde



Formate la cald, in executie sudata sau fara sudura

extras din DIN EN 10210-2, ed. noiembrie 1997 (inlocuieste DIN 59410)

Formate la rece, in executie sudata

extras din DIN EN 10219-2, ed. noiembrie 1997 (inlocuieste DIN 59411)

Dimensiuni		A	M	Caracteristici sectionale			Valori de calcul			
D	T			I	W	i	W _{pl}	M _{pl}	I _T	C ₁
mm	mm	cm ²	kg/m	cm ⁴	cm ³	cm	cm ³	kNm	cm ⁴	cm ³
1	2	3	4	5	6	7	8	9	10	11
33.7	2.6	2.54	1.99	3.09	1.84	1.10	2.52	0.60	6.19	3.67
	3.2	3.07	2.41	3.6	2.14	1.08	2.99	0.72	7.21	4.28
	4.0	3.73	2.93	4.2	2.49	1.06	3.55	0.85	8.38	4.97
42.4	2.6	3.25	2.55	6.5	3.05	1.41	4.12	0.99	12.9	6.10
	3.2	3.94	3.09	7.6	3.59	1.39	4.93	1.18	15.2	7.19
	4.0	4.83	3.79	9.0	4.24	1.36	5.92	1.42	18.0	8.48
48.3	2.6	3.73	2.93	9.8	4.05	1.62	5.44	1.31	19.6	8.10
	3.2	4.53	3.56	11.6	4.80	1.60	6.52	1.56	23.2	9.59
	4.0	5.57	4.37	13.8	5.70	1.57	7.87	1.89	27.5	11.4
60.3	3.2	5.74	4.51	23.5	7.78	2.02	10.4	2.50	46.9	15.6
	4.0	7.07	5.55	28	9.34	2.00	12.7	3.05	56.3	18.7
	5.0	8.69	6.82	34	11.10	1.96	15.3	3.67	67.0	22.2
76.1	3.2	7.33	5.75	49	12.80	2.58	17.0	4.08	97.6	25.6
	4.0	9.06	7.11	59	15.50	2.55	20.8	4.99	118	31.0
	5.0	11.20	8.77	71	18.60	2.52	25.3	6.07	142	37.3
88.9	3.2	8.62	6.76	79	17.80	3.03	23.5	5.64	158	35.6
	4.0	10.7	8.38	96	21.70	3.00	28.9	6.94	193	43.3
	5.0	13.2	10.30	116	26.20	2.97	35.2	8.45	233	52.4
	6.0	15.6	12.30	135	30.40	2.94	41.3	9.91	270	60.7
	6.3	16.3	12.80	140	31.50	2.93	43.1	10.30	280	63.1
101.6	4.0	12.3	9.63	146	28.80	3.42	38.1	9.14	293	57.6
	5.0	15.2	11.9	177	34.90	3.39	46.7	11.2	355	69.9
	6.3	18.9	14.8	215	42.30	3.38	57.3	13.8	430	84.7
114.3	4.0	13.9	10.9	211	36.90	3.90	48.7	11.7	422	73.9
	5.0	17.2	13.5	257	45.00	3.87	59.8	14.4	514	89.9
	6.3	21.4	16.8	313	54.70	3.82	73.6	17.7	625	109
	8.0	26.7	21.0	379	66.40	3.77	90.6	21.7	759	133
139.7	4.0	17.1	13.4	393	56.20	4.80	73.7	17.7	786	112
	5.0	21.2	16.6	481	68.80	4.77	90.8	21.8	961	138
	6.3	26.4	20.7	589	84.30	4.72	112.0	26.9	1177	169
	8.0	26.0	26.0	720	103.00	4.66	139.0	33.4	1441	206
	12.5	50.0	39.2	1020	146.00	4.52	203.0	48.7	2040	292
168.3	5.0	25.7	20.1	856	102.00	5.78	133.0	31.9	1712	203
	6.3	32.1	25.2	1053	125.00	5.73	165.0	39.6	2107	250
	8.0	40.3	31.6	1297	154.00	5.67	206.0	49.4	2595	308
	10.0	49.7	39.0	1564	186.00	5.61	251.0	60.2	3128	372
	12.5	61.2	48.0	1868	222.00	5.53	304.0	73.0	3737	444
177.8	6.3	33.9	26.6	1250	141.00	6.07	185.0	44.4	2499	281
	8.0	42.7	33.5	1541	173.00	6.01	231.0	55.4	3083	347
	10.0	52.7	41.4	1862	209.00	5.94	282.0	67.7	3724	419
	12.5	64.9	51.0	2230	251.00	5.86	342.0	82.1	4460	502

Profile tubulare rotunde p.2

1	2	3	4	5	6	7	8	9	10	11
193.7	6.3	37.10	29.1	1630	168	6.63	221	53.0	3260	337
	8.0	46.70	36.6	2016	208	6.57	276	66.2	4031	416
	10.0	57.70	45.3	2442	252	6.50	338	81.1	4883	504
	16.0	89.00	70.1	3554	367	6.31	507	122.0	7109	734
219.1	6.3	42.10	33.1	2386	218	7.53	285	68.4	4772	436
	8.0	53.10	41.6	2960	270	7.47	357	85.7	5919	540
	10.0	65.70	51.6	3598	328	7.40	438	105.0	7197	657
	16.0	102.00	80.1	5297	483	7.20	661	159.0	10593	967
	20.0	127.00	98.2	6261	572	7.07	795	191.0	12523	1143
244.5	6.3	47.10	37.0	3346	274	8.42	358	85.9	6692	547
	8.0	59.40	46.7	4160	340	8.37	448	108	8321	681
	10.0	73.70	57.8	5073	415	8.30	550	132	10146	830
	12.5	91.10	71.5	6947	503	8.21	673	162	12295	1006
	16.0	115.00	90.2	7533	616	8.10	837	201	15066	1323
	20.0	141.00	111.0	8957	733	7.97	1011	243	17914	1465
	25.0	172.00	135.0	10517	860	7.81	1210	290	21034	1721
273	6.3	52.80	41.4	4696	344	9.43	448	108	9392	688
	8.0	66.60	52.3	5852	429	9.37	562	135	11703	857
	10.0	82.60	64.9	7154	524	9.31	692	166	14308	1048
	12.5	102.00	80.3	8697	637	9.22	849	204	17395	1274
	16.0	129.00	101.0	10707	784	9.10	1058	254	21414	1569
	20.0	159.00	125.0	12798	938	8.97	1283	308	25597	1875
323.9	25.0	195.00	153.0	15127	1108	8.81	1543	370	320234	2216
	8.0	79.40	62.3	9910	612	11.2	799	192	19820	1224
	10.0	98.60	77.4	12158	751	11.1	986	237	24317	1501
	12.5	122.00	96.0	14847	917	11.0	1213	291	29693	1833
	16.0	155.00	121.0	18390	1136	10.9	1518	364	36780	2271
	20.0	191.00	150.0	22139	1367	10.8	1850	444	44278	2734
355.6	25.0	235.00	184.0	26400	1630	10.6	2239	537	52800	3260
	8.0	87.40	68.6	13201	742	12.3	967	232	26403	1485
	10.0	109.00	85.2	16223	912	12.2	1195	287	32447	1825
	12.5	135.00	106.0	19852	1117	12.1	1472	353	39704	2233
	16.0	171.00	154.0	24663	1387	12.0	1847	443	49326	2774
	20.0	211.00	166.0	29792	1676	11.9	2255	541	59583	3351
406.4	25.0	260.00	204.0	35677	2007	11.7	2738	657	71353	4013
	10.0	125.00	97.8	24476	1205	14.0	1572	377	48952	2409
	12.5	155.00	121.0	30031	1478	13.9	1940	466	60061	2956
	16.0	196.00	154.0	37449	1843	13.8	2440	586	74898	3686
	20.0	243.00	191.0	45432	2236	13.7	2989	717	90864	4472
	25.0	300.00	235.0	54702	2692	13.5	3642	874	109404	5384
	30.0	355.00	278.0	63224	3111	13.3	4259	1022	126447	6223
457	40.0	460.00	361.0	78186	3848	13.0	5391	1294	156373	7696
	10.0	140.00	110.0	35091	1536	15.8	1998	480	70183	3071
	12.5	175.00	137.0	43145	1888	15.7	2470	593	86290	3776
	16.0	222.00	174.0	53959	2361	15.6	3113	747	107919	4723
	20.0	275.00	216.0	65681	2874	15.5	3822	917	131363	5749
	25.0	339.00	266.0	79415	3475	15.3	4671	1121	158830	6951
	30.0	402.00	316.0	92173	4034	15.1	5479	1315	184346	8068
508	40.0	524.00	411.0	114949	5031	14.8	6977	1674	229898	10061
	50.0	639.00	502.0	134375	5881	14.5	8324	1790	268750	11761
	10.0	156.00	123.0	48520	1910	17.6	2480	595	97040	3820
	12.5	195.00	153.0	59755	2353	17.5	3070	737	119511	4705
	16.0	247.00	194.0	74909	2949	17.4	3874	930	149818	5898
	20.0	307.00	241.0	91428	3600	17.3	4766	1144	182856	7199
	25.0	379.00	298.0	110918	4367	17.1	5837	1401	221837	8734
	30.0	451.00	354.0	129173	5086	16.9	6864	1647	258346	10171
610	40.0	588.00	462.0	162188	6385	16.6	8782	2108	324376	12771
	50.0	719.00	565.0	190885	7515	16.3	10530	2264	381770	15030
	10.0	188.00	148.0	84847	2782	21.2	3600	864	169693	5564
610	12.5	235.00	184.0	104755	3435	21.1	4463	1071	209509	6869
	16.0	299.00	234.0	131781	4321	21.0	5647	1355	263563	8641

Profile tubulare rotunde p.3										
1	2	3	4	5	6	7	8	9	10	11
610	20.0	371	291	161490	5295	20.9	6965	1672	322979	10589
	25.0	459	361	196906	6456	20.7	8561	2055	393813	12912
	30.0	547	429	230476	7557	20.5	10101	2424	460952	15113
	40.0	716	562	292333	9585	20.2	13017	3124	584666	19169
	50.0	880	691	347570	11396	19.9	15722	3380	695140	22791
711	10.0	220	173	135301	3806	24.8	4914	1179	270603	7612
	20.0	434	341	259351	7295	24.4	9552	2292	518702	14591
	25.0	539	423	317357	8927	24.3	11770	2825	634715	1785
	30.0	642	504	372790	10486	24.1	13922	3341	745580	20973
	40.0	843	662	476242	13396	23.8	18031	4327	952485	26793
	50.0	1038	815	570312	16043	23.4	21888	4706	1140623	32085
762	60.0	1227	963	655583	18441	23.1	25500	5483	1311166	36882
	10.0	236	185	167028	4386	26.6	5655	1357	334057	8768
	16.0	375	294	260973	6850	26.4	8906	2137	521947	13699
	20.0	466	366	321083	8427	26.2	11014	2643	642166	16855
	25.0	579	454	393461	10327	26.1	13584	3260	786922	20654
	30.0	690	542	462853	12148	25.9	16084	3860	925706	24297
	40.0	907	712	593011	15565	25.6	20873	5010	1186021	31129
813	50.0	1118	878	712207	18693	25.2	25389	5459	1424414	37386
	10.0	252	198	203364	5003	28.4	6448	1548	406728	10006
	16.0	401	314	318222	7828	28.2	10165	2440	636443	15657
	20.0	498	391	391909	9641	28.0	12580	3019	783819	19282
	25.0	619	486	480856	11829	27.9	15529	3727	961713	23658
914	30.0	738	579	566374	13933	27.7	18402	4416	1132748	27866
	10.0	284	223	290147	6349	32.0	8172	1961	580294	12698
	16.0	451	354	455142	9959	31.8	12904	3097	910284	19919
	25.0	698	548	690317	15105	31.4	19763	4743	1380634	30211
1016	30.0	833	656	814775	17829	31.3	23453	5629	1629550	35658
	10.0	316	248	399850	7871	35.6	10121	2429	799699	15742
	16.0	503	395	628479	12372	35.4	16001	3840	1256959	24743
	25.0	778	611	956086	18821	35.0	24557	5894	1912173	37641
1067	30.0	929	729	1130352	22251	34.9	29175	7002	2260704	44502
	10.0	332	261	463792	8693	37.4	11173	2682	927585	17387
	16.0	528	415	729600	13676	37.0	17675	4242	1459213	27352
	25.0	818	642	1111355	20831	36.9	27149	6516	2222711	41663
1168	30.0	977	767	1314864	24646	36.7	32270	7745	2629727	49292
	10.0	364	286	609843	10443	40.9	13410	3218	1219686	20885
	16.0	579	455	960774	16452	40.7	21235	5096	1921547	32903
1219	25.0	898	705	1466717	25115	40.4	32666	7840	2933434	50230
	10.0	380	298	694014	11387	42.7	14617	3508	1388029	22773
	16.0	605	475	1094091	17951	42.5	23157	5558	2188123	35901
	25.0	938	736	1671873	27430	42.2	35646	8555	3343746	54860

Nota

Setul de date a fost colationat cu cea mai mare atentie.

Pentru eventuale erori de redactare nu preluam nici o raspundere.

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