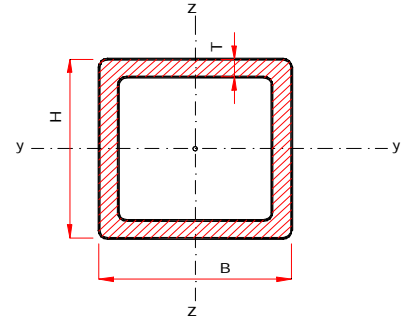


Profile tubulare patrate



Formate la cald, in executie sudata sau fara sudura
extras din DIN EN 10210-2, ed. noiembrie 1997 (inlocuieste DIN 59410)

Dimensiuni		A	M	Caracteristici sectionale			Valori de calcul			
H = B	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
40	3.0	4.34	3.41	9.78	4.89	1.50	5.97	1.43	15.7	7.10
	4.0	5.59	4.39	11.8	5.91	1.45	7.44	1.79	19.5	8.54
50	3.0	5.54	4.35	20.2	8.08	1.91	9.7	2.33	32.1	11.8
	4.0	7.19	5.64	25.0	9.99	1.86	12.3	2.95	40.4	14.5
60	3.0	6.74	5.29	36.2	12.10	2.32	14.3	3.43	56.9	17.7
	4.0	8.79	6.90	45.4	15.10	2.27	18.3	4.39	72.5	22.0
	5.0	10.70	8.42	53.3	17.80	2.23	21.9	5.26	86.4	25.7
70	3.0	7.94	6.24	59.0	16.90	2.73	19.9	4.78	92.2	24.8
	4.0	10.40	8.15	74.7	21.30	2.68	25.5	6.12	118	31.2
	5.0	12.70	9.99	88.5	25.30	2.64	30.8	7.39	142	36.8
80	4.0	12.00	9.41	114	28.60	3.09	34.0	8.16	180	41.9
	5.0	14.70	11.60	137	34.20	3.05	41.1	9.86	217	49.8
	6.3	18.10	14.20	156	40.50	2.99	49.7	11.9	262	58.7
90	4.0	13.60	10.70	166	37.00	3.50	43.6	10.5	260	54.2
	5.0	16.70	13.10	200	44.40	3.45	53.0	12.7	316	64.8
	6.3	20.70	16.20	238	53.00	3.40	64.3	15.4	382	77.0
100	4.0	15.20	11.90	232	46.40	3.91	54.4	13.1	361	68.2
	5.0	18.70	14.70	279	55.90	3.86	66.4	15.9	439	81.8
	6.3	23.20	18.20	336	67.10	3.80	80.9	19.4	534	97.8
	8.0	28.20	22.20	498	83.00	4.68	97.6	23.4	777	122
120	6.3	28.20	22.20	603	100.00	4.62	120.0	28.8	950	147
	8.0	35.20	27.60	726	121.00	4.55	146.0	35.0	1160	176
	10.0	42.90	33.70	852	142.00	4.46	175.0	42.0	1382	206
	12.5	50.90	40.00	1416	202.00	5.27	246.0	59.0	2272	294
140	5.0	26.70	21.00	807	115.00	5.50	135.0	32.4	1253	170
	6.3	33.30	26.10	984	141.00	5.44	166.0	39.8	1540	206
	8.0	41.60	32.60	1195	171.00	5.36	204.0	49.0	1892	249
	10.0	50.90	40.00	1416	202.00	5.27	246.0	59.0	2272	294
150	5.0	28.70	22.60	1002	134.00	5.90	156.0	37.4	1550	197
	6.3	35.80	28.10	1223	163.00	5.85	192.0	46.1	1909	240
	8.0	44.80	35.10	1491	199.00	5.77	237.0	56.9	2351	291
	10.0	54.90	43.10	1773	236.00	5.68	286.0	68.6	2832	344
160	6.3	38.30	30.10	1499	187.00	6.26	220.0	52.8	2333	275
	8.0	48.00	37.60	1831	229.00	6.18	272.0	65.3	2880	335
	10.0	58.90	46.30	2186	273.00	6.09	329.0	79.0	3478	398
	12.5	72.10	56.60	2576	322.00	5.98	395.0	94.8	4158	467
180	6.3	43.30	34.00	2168	241.00	7.07	281.0	57.4	3361	355
	8.0	54.40	42.70	2661	296.00	7.00	349.0	83.8	4162	434
	10.0	66.90	52.50	3193	355.00	6.91	424.0	102	5048	518
	12.5	82.10	64.40	3790	421.00	6.80	511.0	123	6070	613
200	6.3	48.40	38.00	3011	301.00	7.89	350.0	84	4653	444
	8.0	60.80	47.70	3709	371.00	7.81	436.0	105	5778	545
	10.0	74.90	58.80	4471	447.00	7.72	531.0	127	7031	655
	12.5	92.10	72.30	5336	534.00	7.61	643.0	154	8491	778

Profile tubulare patrute p.2										
1	2	3	4	5	6	7	8	9	10	11
220	6.3	53.40	41.90	4049	368.00	8.71	427.0	102	6240	544
	8.0	67.20	52.70	5002	455.00	8.63	532.0	128	7765	669
	10.0	82.90	65.10	6050	550.00	8.54	650.0	156	9473	807
	12.5	102.00	80.10	7254	659.00	8.43	789.0	189	11481	963
250	6.3	61.00	47.90	6014	481.00	9.93	556.0	133	9238	712
	8.0	76.80	60.30	7455	596.00	9.86	694.0	167	11525	880
	10.0	94.90	74.50	9055	724.00	9.77	851.0	204	14106	1065
	16.0	147.00	115.00	13267	1061.00	9.50	1280.0	307	21138	1546
260	8.0	80.00	62.80	8423	648.00	10.30	753.0	181	13006	956
	10.0	89.90	77.70	10242	788.00	10.20	924.0	222	15932	1159
	12.5	122.00	95.80	12365	951.00	10.10	1127.0	270	19409	1394
	16.0	153.00	120.00	15061	1159.00	9.91	1394.0	335	23942	1689
300	8.0	92.80	72.80	13128	875.00	11.90	1013.0	243	20194	1294
	10.0	115.00	90.20	16026	1068.00	11.80	1246.0	299	24807	1575
	12.5	142.00	112.00	19442	1296.00	11.70	1525.0	366	30333	1904
	16.0	179.00	141.00	23855	1590.00	11.50	1895.0	455	37622	2325
350	8.0	109.00	85.40	21129	1207.00	13.90	1392.0	334	32384	1789
	10.0	135.00	106.00	25884	1479.00	13.90	1715.0	412	39886	2185
	12.5	167.00	131.00	31541	1802.00	13.70	2107.0	506	48934	2654
	16.0	211.00	166.00	38942	2225.00	13.60	2630.0	631	60990	3264
400	10.0	155.00	122.00	39128	1956.00	15.90	2260.0	542	60092	2895
	12.5	192.00	151.00	47839	2392.00	15.80	2782.0	668	73906	3530
	16.0	243.00	191.00	59344	2967.00	15.60	3484.0	836	92442	4362

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			
H = B	T			I	W	i	W _{pl}	M _{pl}	I _T	C ₁
mm	mm									
1	2	3	4	5	6	7	8	9	10	11
40	2.0	2.94	2.31	6.94	3.47	1.54	4.13	0.99	11.3	5.23
	3.0	4.21	3.30	9.32	4.66	1.49	5.72	1.37	15.8	7.07
	4.0	5.35	4.20	11.1	5.54	1.44	7.01	1.68	19.4	8.48
50	2.0	3.74	2.93	14.1	5.66	1.95	6.66	1.60	22.6	8.51
	3.0	5.41	4.25	19.5	7.79	1.90	9.39	2.25	32.1	11.8
	4.0	6.95	5.45	23.7	9.49	1.85	11.7	2.81	40.4	14.4
60	5.0	8.36	6.56	27.0	10.8	1.80	13.7	3.29	47.5	16.6
	2.0	4.54	3.56	25.1	8.38	2.35	9.79	2.35	39.8	12.6
	3.0	6.61	5.19	35.1	11.7	2.31	14	3.36	57.1	17.7
70	4.0	8.55	6.71	43.6	14.5	2.26	17.6	4.22	72.6	22.0
	5.0	10.40	8.13	50.5	16.8	2.21	20.9	5.02	86.4	25.6
	3.0	7.81	6.13	57.5	16.4	2.71	19.4	4.66	92.4	24.7
80	4.0	10.10	7.97	72.1	20.6	2.67	24.8	5.95	119	31.1
	5.0	12.40	9.70	84.6	24.4	2.62	29.6	7.10	142	36.7
	3.0	9.01	7.07	87.8	22.0	3.12	25.8	6.19	140	33.0
90	4.0	11.70	9.22	111.0	27.8	3.07	33.1	7.94	180	41.8
	5.0	14.40	11.30	131.0	32.9	3.03	39.7	9.53	218	49.7
	6.3	17.20	13.50	149.0	37.1	2.94	46.1	11.10	261	57.9
	3.0	10.20	8.01	127.0	28.3	3.53	33	7.92	201	42.5
100	4.0	13.30	10.50	162.0	36.0	3.48	42.6	10.2	261	54.2
	5.0	16.40	12.80	193.0	42.9	3.43	51.4	12.3	316	64.7
	6.3	19.70	15.50	221.0	49.1	3.35	60.3	14.5	382	76.2
100	4.0	14.90	11.70	226.0	45.3	3.89	53.3	12.8	362	68.1
	5.0	18.40	14.40	271.0	54.2	3.84	64.6	15.5	441	81.7
	6.3	22.20	17.50	314.0	62.8	3.76	76.4	18.3	536	97

Profile tubulare patrute p.3										
1	2	3	4	5	6	7	8	9	10	11
120	4.0	18.10	14.20	402.0	67.0	4.71	78.3	18.8	637	101
	5.0	22.40	17.50	485.0	80.9	4.66	95.4	22.9	778	122
	6.3	27.30	21.40	572.0	95.3	4.58	114	27.4	955	146
	8.0	33.60	26.40	677.0	113.0	4.49	138	33.1	1163	175
140	4.0	21.30	16.80	652.0	93.1	5.52	108	25.9	1023	140
	5.0	26.40	20.70	791.0	113	5.48	132	31.7	1256	170
	6.3	32.30	25.40	941.0	134	5.39	160	38.4	1550	205
	8.0	40.00	31.40	1127.0	161	5.30	194	46.6	1901	248
	10.0	48.60	38.10	1312.0	187	5.20	230	55.2	2274	291
150	5.0	28.40	22.30	882.0	131	5.89	153	36.7	1554	197
	6.3	34.80	27.40	1174.0	156	5.80	185	44.4	1922	239
	8.0	43.20	33.90	1412.0	188	5.71	226	54.2	2364	289
	10.0	52.60	41.30	1653.0	220	5.61	269	64.6	2839	341
160	4.0	24.50	19.30	987.0	123	6.34	143	34.3	1541	185
	5.0	30.40	23.80	1202.0	150	6.29	175	42.0	1896	225
	6.3	37.40	29.30	1442.0	180	6.21	213	51.1	2346	275
	8.0	46.40	36.50	1741.0	218	6.12	260	62.4	2897	334
	10.0	56.60	44.40	2048.0	256	6.02	311	74.6	3490	395
180	6.3	42.40	33.30	2096.0	233	7.03	273	65.5	3383	354
	8.0	52.80	41.50	2546.0	283	6.94	336	80.6	4189	432
	10.0	64.60	50.70	3017.0	335	6.84	404	97.0	5074	515
	12.5	77.00	60.50	3466.0	378	6.65	467	112.0	6050	600
200	6.3	47.40	37.20	2922.0	292	7.85	341	81.8	4682	444
	8.0	59.20	46.50	3566.0	357	7.76	421	101	5815	544
	10.0	72.60	57.00	4251.0	425	7.65	508	122	7072	651
	12.5	87.00	68.30	4859.0	486	7.47	594	143	8502	765
220	8.0	65.60	51.50	4828.0	439	8.58	516	124	7815	668
	10.0	80.60	63.20	5782.0	526	8.47	625	150	9533	804
	12.5	97.00	76.20	6674.0	607	8.29	735	176	11530	951
250	6.3	60.00	47.10	5873.0	470	9.89	544	131	9290	711
	8.0	75.20	59.10	7229.0	578	9.80	676	162	11598	878
	10.0	92.60	72.70	8707.0	697	9.70	822	197	14197	1062
	12.5	112.00	88.00	10161.0	813	9.52	975	234	17283	1266
260	8.0	78.40	61.60	8178.0	629	10.20	734	176	13087	955
	10.0	96.60	75.80	9865.0	759	10.10	894	215	16035	1156
	12.5	117.00	91.90	11548.0	888	9.93	1063	255	19553	1381
300	6.3	73.60	57.80	10342.0	689	11.90	795	191	16218	1042
	8.0	91.20	71.60	12801.0	853	11.80	991	238	20312	1293
	10.0	113.00	88.40	15519.0	1035	11.70	1211	291	24966	1572
	12.5	137.00	108.00	18348.0	1223	11.60	1451	348	30601	1892
350	8.0	107.00	84.20	20681.0	1182	13.90	1366	328	32557	1787
	10.0	133.00	104.00	25189.0	1439	13.80	1675	402	40127	2182
	12.5	162.00	127.00	30045.0	1717	13.60	2020	485	49393	2642
400	10.0	153.00	120.00	38216.0	1911	15.80	2214	531	60431	2892
	12.5	187.00	147.00	45877.0	2294	15.70	2683	544	74598	3518

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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