

Tevi in tehnica constructiilor civile:

Dimensiune - Greutate - Distanțe
de sprijin

Tevi: Dimensiuni si Greutate

Teava filetata	DIN EN 10255	(Inlocuieste DIN 2440)			
		Diametrul nominal (Tol)	Φ Exterior (mm)	Grosime perete e (mm)	Greutate teava (kg/m)
1/4	13.5	2.35	0.65	0.06	0.71
3/8	17.2	2.35	0.86	0.12	0.98
1/2	21.3	2.65	1.22	0.2	1.42
3/4	26.9	2.65	1.58	0.37	1.95
1	33.7	3.25	2.44	0.58	3.02
1 1/4	42.4	3.25	3.14	1.01	4.15
1 1/2	48.3	3.25	3.61	1.37	4.98
2	60.3	3.65	5.1	2.21	7.31
2 1/2	76.1	3.65	6.52	3.72	10.24
3	88.9	4.05	8.47	5.13	13.6
4	114.3	4.5	12.19	8.71	20.89
5	139.7	4.85	16.13	13.27	29.4
6	165.1	4.85	19.17	18.97	38.13

Tevi: Dimensiuni si Greutate

Teava inox	DIN EN 10220, trasa (Inlocuieste DIN 2448)			
Φ Exterior (mm)	Grosime perete (mm)	Greutate teava (kg/m)	Cant. de apa (l/m)	Teava + Apa (kg/m)
10,2	1,6	0,34	0,04	0,38
13,5	1,8	0,52	0,08	0,60
16,0	1,8	0,63	0,12	0,75
17,2	1,8	0,68	0,15	0,83
20,0	2,0	0,89	0,20	1,09
21,3	2,0	0,95	0,24	1,19
25,0	2,0	1,13	0,35	1,48
26,9	2,3	1,40	0,39	1,79
30,0	2,6	1,76	0,48	2,24
31,8	2,6	1,87	0,56	2,43
33,7	2,6	1,99	0,64	2,63
38,0	2,6	2,27	0,84	3,11
42,4	2,6	2,55	1,09	3,64
44,5	2,6	2,69	1,21	3,90
48,3	2,6	2,93	1,46	4,39
51,0	2,6	3,10	1,65	4,75
57,0	2,9	3,87	2,06	5,93
60,3	2,9	4,11	2,33	6,44
63,5	2,9	4,33	2,61	6,95
70,0	2,9	4,80	3,24	8,04
76,1	2,9	5,24	3,88	9,12
82,5	3,2	6,26	4,55	10,81
88,9	3,2	6,76	5,35	12,11
101,6	3,6	8,70	7,0	15,70
108,0	3,6	9,27	7,98	17,25
114,3	3,6	9,83	9,01	18,84
127,0	4,0	12,13	11,12	23,26
133,0	4,0	12,73	12,27	25,00
139,7	4,0	13,39	13,62	27,01
152,4	4,5	16,41	16,15	32,56
159,0	4,5	17,15	17,67	34,82

Tevi: Dimensiuni si Greutate

Teava inox	DIN 2463			
Φ Exterior (mm)	Grosime perete (mm)	Greutate teava (kg/m)	Cant. de apa (l/m)	Teava + Apa (kg/m)
15,0	1,0	0,35	0,13	0,48
18,0	1,5	0,61	0,18	0,79
21,3	2,0	0,95	0,24	1,19
22,0	1,2	0,62	0,30	0,92
26,9	2,0	1,23	0,41	1,64
28,0	1,2	0,79	0,51	1,31
33,7	2,0	1,56	0,69	2,26
35,0	1,5	1,24	0,80	2,04
42,0	1,5	1,5	1,19	2,69
42,4	2,0	1,99	1,16	3,15
48,3	2,0	2,28	1,54	3,82
54,0	1,5	1,94	2,04	3,98
60,3	2,0	2,88	2,49	5,36
76,1	2,0	3,65	4,08	7,74
88,9	2,0	4,29	5,66	9,95
108,0	2,0	5,23	8,49	13,72
114,3	2,0	5,54	9,56	15,09
133,0	3,0	9,62	12,67	22,29
139,7	3,0	10,11	14,04	24,15
159,0	3,0	11,54	18,39	29,93
168,3	3,0	12,23	20,69	32,92
219,1	3,0	15,99	35,67	51,65

Tevi: Dimensiune si Greutate

Teava cupru	DIN EN 1057		Inlocuieste DIN	1786
Φ Exterior (mm)	Grosime perete (mm)	Greutate teava (kg/m)	Cant. de apa (l/m)	Teava + Apa (kg/m)
10,0	1,0	0,25	0,05	0,30
12,0	1,0	0,31	0,08	0,39
15,0	1,0	0,39	0,13	0,53
18,0	1,0	0,48	0,20	0,68
22,0	1,0	0,59	0,31	0,91
28,0	1,5	1,12	0,49	1,61
35,0	1,5	1,41	0,80	2,22
42,0	1,5	1,71	1,19	2,90
54,0	2,0	2,93	1,96	4,89
64,0	2,0	3,49	2,83	6,32
76,1	2,0	4,17	4,08	8,25
88,9	2,0	4,89	5,66	10,55
108,0	2,5	7,42	8,33	15,76
133,0	3,0	10,98	12,67	23,65
159,0	3,0	13,17	18,39	31,56
219,0	3,0	18,24	35,63	53,87
267,0	3,0	22,29	53,50	75,80

Tevi: Dimensiune si Greutate

HDPE - Rohr

DIN 8074

Da = diametru exterior, e= grosime perete

Da (mm)	Rand 1		Rand 2		Rand 3		Rand 4		Rand 5	
	e (mm)	Greut. (kg/m)	e (mm)	Greut. (kg/m)	e (mm)	Greut. (kg/m)	e (mm)	Greut. (kg/m)	e (mm)	Greut. (kg/m)
10									2.0	0.05
12									2.0	0.06
16									2.0	0.08
20									2.0	0.11
25							2.00	0.14	2.3	0.16
32							2.00	0.18	3.0	0.26
40					2.0	0.23	2.30	0.26	3.7	0.40
50					2.0	0.29	2.90	0.41	4.6	0.62
63			2.0	0.36	2.5	0.45	3.60	0.64	5.8	0.99
75	2.0	0.44	2.4	0.52	2.9	0.62	4.30	0.91	6.9	1.40
90	2.2	0.58	2.8	0.73	3.5	0.9	5.10	1.29	8.2	2.00
110	2.7	0.86	3.5	1.11	4.3	1.36	6.30	1.95	10.0	2.98
125	3.1	1.13	3.9	1.41	4.9	1.76	7.10	2.50	11.4	3.87
140	3.5	1.43	4.4	1.78	5.4	2.17	8.00	3.15	12.8	4.86
160	3.9	1.82	5.0	2.31	6.2	2.85	9.10	4.10	14.6	6.34
180	4.4	2.31	5.6	2.91	7.0	3.61	10.20	5.17	16.4	8.01
200	4.9	2.85	6.2	3.59	7.7	4.42	11.40	6.42	18.2	9.88
225	5.5	3.60	7.0	4.55	8.7	5.62	12.80	8.11	20.5	12.51
250	6.1	4.44	7.8	5.64	9.7	6.96	14.20	9.99	22.8	15.46
280	6.9	5.62	8.7	7.04	10.8	8.68	15.90	12.53	25.5	19.37
315	7.7	7.06	9.8	8.93	12.2	11.03	17.90	15.87	28.7	24.52
355	8.7	8.99	11.1	11.39	13.7	13.96	20.10	20.09	32.3	31.11
400	9.8	11.41	12.4	14.34	15.4	17.68	22.70	25.56	36.4	39.50

Distanța de sprijin pentru tevi de **Otel, Cupru, PPR** în instalații tehnice la construcțiile civile

Distanța nominală (DN)	Distanța nominală (Tol)	Diametru Exterior (mm)	Recomandare Sikla Tubulatură izolată plină cu apă			DIN 1988-2 Tubulatură plină cu apă			
			Tub metal EN 10220 DIN 2448	Tub metal EN 10255 DIN 2440	Tub Cu EN 1057 DIN 1786	Tub metal EN 10255 DIN 2440	Tub Cu EN 1057 DIN 1786	Tub PVC La 20°C La 40°C	
		12.0			1.00		1.25		
10		13.5	1.00						
		15.0			1.10		1.25		
		16.0						0.80	0.50
10	3/8"	17.2		1.20		2.25			
		18.0			1.20		1.50		
15		20.0	1.20					0.90	0.60
15	1/2"	21.3		1.50		2.75			
		22.0			1.30		2.00		
20		25.0	1.40					0.95	0.65
20	3/4"	26.9		2.00		3.00			
		28.0			1.50		2.25		
25		30.0	1.80						
		32.0						1.05	0.70
25	1"	33.7		2.50		3.50			
		35.0			1.60		2.75		
32		38.0	2.20						
		40.0						1.05	0.70
		42.0			1.80		3.00		
32	1 1/4"	42.4		2.90		3.75			
40		44.5	2.40						
40	1 1/2"	48.3		3.30		4.25			
		50.0						1.40	1.10
		54.0			2.00		3.50		
50		57.0	3.10						
50	2"	60.3		4.00		4.75			

