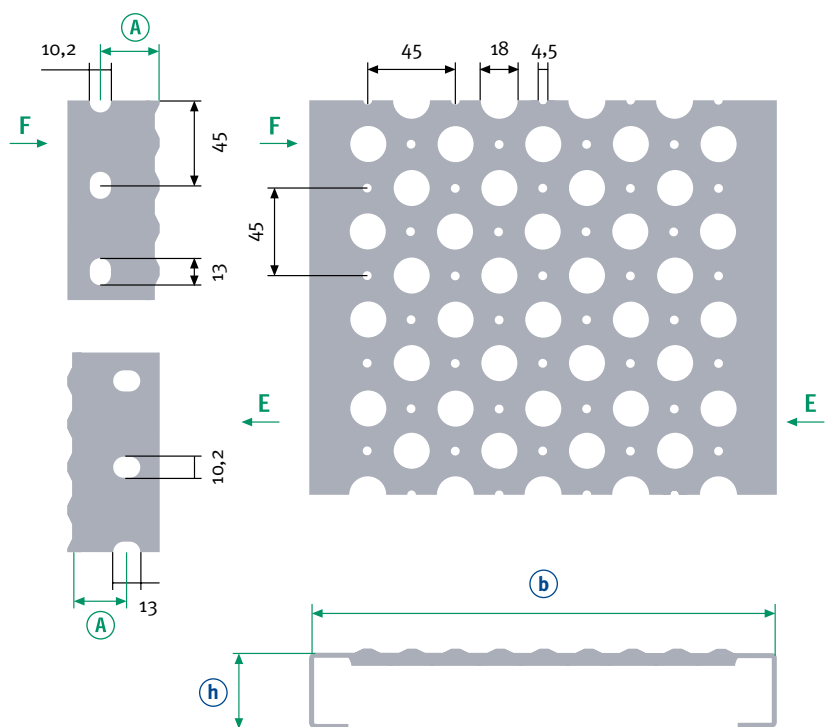
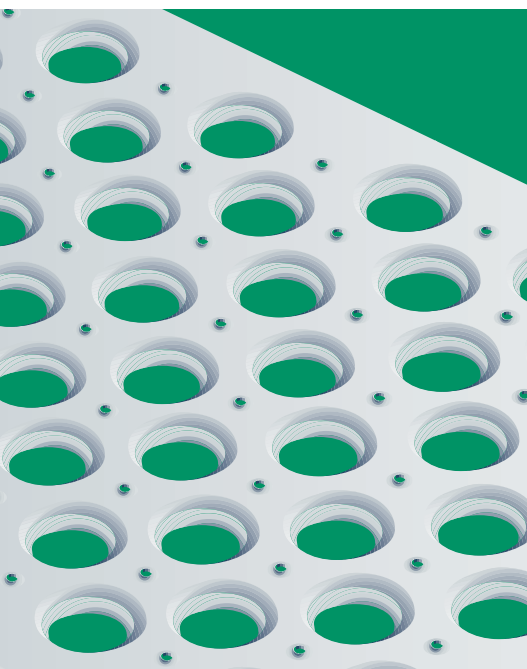


Load table (steel)

Code	Width (b) mm	Height (h) mm	Thickness mm	Mass kg/m	U - kPa D - mm FP - Kn	Span mm							
						900	1200	1500	1800	2100	2400	2700	3000
SC2254020	225	40	2	5.9	U D	13.14 1.3	7.25 2.3	4.52 3.6	3.04 5.0	2.15 6.5	1.57 8.1	1.17 9.7	0.89 11.2
SC3004020	300	40	2	7.2	U D	9.99 1.3	5.49 2.2	3.41 3.4	2.27 4.7	1.59 6.1	1.15 7.5	0.85 8.8	0.63 10.0
SC2254020 / SC3004020					FP D	1.53 1.1	1.12 1.9	0.88 3.0	0.72 4.2	0.61 5.7	0.53 7.4	0.47 9.3	0.42 11.4
SC2254030	225	40	3	8.5	U D	18.18 1.4	10.01 2.4	6.22 3.6	4.17 5.0	2.93 6.5	2.13 8.0	1.58 9.5	1.18 10.9
SC3004030	300	40	3	10.8	U D	13.88 1.3	7.62 2.3	4.72 3.4	3.15 4.7	2.20 6.1	1.58 7.5	1.16 8.8	0.86 9.9
SC2254030 / SC3004030					FP D	2.13 1.1	1.55 1.9	1.22 3.0	1.00 4.2	0.85 5.7	0.74 7.4	0.65 9.4	0.59 11.5
SC2255020	225	50	2	6.2	U D	22.15 1.1	12.31 2.0	7.75 3.1	5.27 4.3	3.78 5.8	2.81 7.3	2.15 8.9	1.67 10.6
SC3005020	300	50	2	7.5	U D	16.90 1.1	9.37 1.9	5.89 2.9	3.99 4.1	2.85 5.4	2.11 6.8	1.6 8.3	1.24 9.8
SC2255020 / SC3005020					FP D	2.56 0.9	1.86 1.6	1.46 2.5	1.21 3.5	1.03 4.8	0.89 6.2	0.79 7.8	0.71 9.6
SC2255030	225	50	3	8.9	U D	31.33 1.1	17.34 2.0	10.91 3.1	7.42 4.4	5.32 5.8	3.95 7.3	3.01 9.0	2.34 10.6
SC3005030	300	50	3	11.3	U D	23.80 1.1	13.19 1.9	8.28 2.9	5.61 4.1	4.00 5.4	2.95 6.8	2.24 8.3	1.72 9.8
SC2255030 / SC3005030					FP D	3.62 0.9	2.63 1.6	2.07 2.5	1.70 3.5	1.45 4.8	1.26 6.2	1.11 7.8	1.00 9.6

1. U = Uniformly distributed load in kilopascals
2. D = Deflection in mm
3. FP = Foot print load in kilonewtons
and is based on a 200 x 200 mm load area
4. Material Yield $F_y = 170$ MPa



(A) = 30 mm