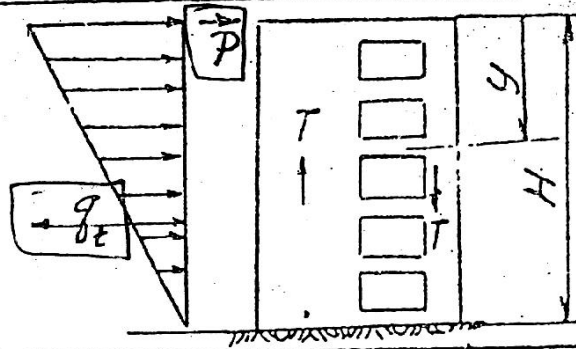


$$T = \frac{q H^2}{100 a k} \text{ coef}$$

or

$$T = \frac{PH}{100 a k} \text{ coef}$$

$$k = 1 + \frac{I_1 + I_2}{a^2} \left(\frac{1}{A_1} + \frac{1}{A_2} \right)$$



Triangular load

Concentrated

| $\frac{x}{H}$ | .5 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 8.0 | 10.0 | 15.0 | 20.0 |
|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| .1 | 0.28 | 0.86 | 1.66 | 1.84 | 1.75 | 1.59 | 1.43 | 1.18 | 1.01 | 0.78 | 0.67 |
| .2 | 0.56 | 1.71 | 3.37 | 3.80 | 3.70 | 3.45 | 3.19 | 2.79 | 2.53 | 2.20 | 2.00 |
| .3 | 0.84 | 2.58 | 5.14 | 5.93 | 5.93 | 5.69 | 5.42 | 4.98 | 4.70 | 4.36 | 4.22 |
| .4 | 1.11 | 3.41 | 6.95 | 8.23 | 8.46 | 8.34 | 8.13 | 7.76 | 7.51 | 7.20 | 7.08 |
| .5 | 1.36 | 4.23 | 8.76 | 10.63 | 11.22 | 11.34 | 11.28 | 11.06 | 10.88 | 10.69 | 10.54 |
| .6 | 1.59 | 4.97 | 10.50 | 13.06 | 14.12 | 14.55 | 14.72 | 14.76 | 14.71 | 14.57 | 14.50 |
| .7 | 1.79 | 5.62 | 12.08 | 15.36 | 16.96 | 17.81 | 18.27 | 18.70 | 18.84 | 18.88 | 18.85 |
| .8 | 1.95 | 6.14 | 13.39 | 17.34 | 19.51 | 20.90 | 21.63 | 22.55 | 23.00 | 23.39 | 23.47 |
| .9 | 2.05 | 6.48 | 14.30 | 18.77 | 21.40 | 23.11 | 24.29 | 25.78 | 26.64 | 27.66 | 28.04 |
| 1.0 | 2.09 | 6.61 | 14.64 | 19.33 | 22.17 | 24.08 | 25.45 | 27.28 | 28.43 | 30.03 | 30.85 |
| 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | 0.0 |
| .1 | 1.13 | 3.51 | 7.32 | 8.99 | 9.62 | 9.86 | 9.95 | 9.99 | 10.00 | 10.0 | 10.0 |
| .2 | 2.23 | 6.95 | 14.54 | 17.89 | 19.19 | 19.68 | 19.87 | 19.98 | 20.00 | 20.0 | 20.0 |
| .3 | 3.30 | 10.26 | 21.54 | 26.60 | 28.62 | 29.43 | 29.76 | 29.95 | 29.99 | 30.0 | 30.0 |
| .4 | 4.29 | 13.38 | 28.20 | 35.00 | 37.82 | 39.02 | 39.55 | 39.90 | 39.97 | 40.0 | 40.0 |
| .5 | 5.20 | 16.23 | 34.38 | 42.95 | 46.68 | 48.37 | 49.17 | 49.77 | 49.93 | 50.0 | 50.0 |
| .6 | 5.99 | 18.74 | 39.94 | 50.26 | 55.00 | 57.3 | 58.49 | 59.49 | 59.82 | 60.0 | 60.0 |
| .7 | 6.65 | 20.84 | 44.69 | 56.68 | 62.50 | 65.54 | 67.25 | 68.87 | 69.50 | 69.9 | 70.0 |
| .8 | 7.15 | 22.45 | 48.43 | 61.90 | 68.79 | 72.64 | 74.98 | 77.48 | 78.65 | 79.7 | 79.9 |
| .9 | 7.47 | 23.48 | 50.90 | 65.48 | 73.26 | 77.87 | 80.85 | 84.38 | 86.32 | 88.5 | 89.3 |
| 1.0 | 7.58 | 23.84 | 51.80 | 66.83 | 75.02 | 80.00 | 83.33 | 87.50 | 90.00 | 93.3 | 95.0 |

