

- The shape factors and inclination factors are also same as used in Vesic's theory

Shape of the footing	$S_c$	$S_q$	$S_v$
Strip	1	1	1
Rectangle	$1 + (B/L)(N_q/N_c)$	$1 + (B/L) \tan \phi'$	$1 + 0.4(B/L)$
Circle and square	$1 + (N_q/N_c)$	$1 + \tan \phi'$	0.6

The depth factors are given below

$$D_c = 1 + 0.2 (D_f/B) \tan (45^\circ + \phi'/2)$$

$$D_q = d_\gamma = 1 \quad \text{for } \phi' < 10^\circ$$

$$D_q = d_\gamma = 10 + 0.1 (D_f/B) \tan (45^\circ + \phi'/2) \quad \text{for } \phi' > 10^\circ$$