Conical 	$$H = \frac{D - B}{2\tan\alpha}$$ $$V = \frac{\pi(D^3 - B^3)}{24\tan\alpha}$$
Pyramidal 	$$H = \frac{A - a}{2\tan\alpha_{side}} = \frac{B - b}{2\tan\alpha_{end}}$$ $$V = \frac{H[2(AB + ab) + Ab + aB]}{6}$$
Transition 	$$H = \frac{D - B}{2\tan\alpha}$$ $$V \approx \left[\frac{\pi D^2}{12} + \frac{BL}{3} + \frac{D(B + 2L)}{12}\right]H$$