Regime	Impacting phase (i-phase)	Spreading phase (s-phase)	$D_{ m max}/D_0$
I Inertial i-phase, dissipation in s-phase unbounded: small Oh, small We			$\sqrt{1 + 0.13We\left(1 - \frac{0.99}{\sqrt{Re}}\left(1 - 0.67We^{1/4}\right)\right)}$
Inertial i-phase, dissipation in s-phase vertically bounded: small <i>Oh</i> , large <i>We</i>			$\sqrt{1 + 0.0539We\left(1 - \frac{24.95}{\sqrt{Re}}\left(1 - 1.29Re^{1/10} + 0.28Re^{-1/10}\sqrt{We}\right)\right)}$
Inertial i-phase, dissipation in s-phase fully bounded: moderate <i>Oh</i> , large <i>We</i>			$\sqrt{1 + 0.165We\left(1 - \frac{23.1}{\sqrt{Re}}\left(1 - 1.27Re^{1/10} + 0.35Re^{3/10}\right)\right)}$
Viscous i-phase, no s-phase: large Oh		no s-phase	$\sqrt{1 + 0.165We\left(1 - 0.928\left(1 + 0.06Re + \frac{0.0081}{Re}\right)\right)}$