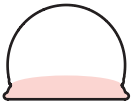
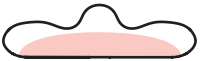
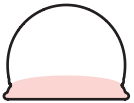
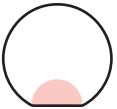
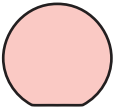
Regime	Impacting phase (i-phase)	Spreading phase (s-phase)
I Inertial i-phase, dissipation in s-phase unbounded: small *Oh*, small *We*	 $\lambda_i(t) \sim \sqrt{\nu t}$, $\Omega_{\nu,i}(t) \sim D_\mathrm{f}(t)^2 \lambda_i(t)$	 $\lambda_s(t) \sim \sqrt{\nu t}$, $\Omega_{\nu,s}(t) \sim D_\mathrm{f}(t)^2 \lambda_s(t)$
II Inertial i-phase, dissipation in s-phase vertically bounded: small *Oh*, large *We*	 $\lambda_i(t) \sim \sqrt{\nu t}$, $\Omega_{\nu,i}(t) \sim D_\mathrm{f}(t)^2 \lambda_i(t)$	 $\lambda_s(t < \tau_\rho Re^{1/5}) \sim \sqrt{\nu t}$, $\lambda_s(t > \tau_\rho Re^{1/5}) \sim D_0 Re^{-2/5}$, $\Omega_{\nu,s}(t) \sim D_\mathrm{f}(t)^2 \lambda_s(t)$
III Inertial i-phase, dissipation in s-phase fully bounded: moderate *Oh*, large *We*	 $\lambda_i(t) \sim \sqrt{\nu t}$, $\Omega_{\nu,i}(t) \sim D_\mathrm{f}(t)^2 \lambda_i(t)$	 $\lambda_s(t < \tau_\rho Re^{1/5}) \sim \sqrt{\nu t}$, $\lambda_s(t > \tau_\rho Re^{1/5}) \sim D_0 Re^{-2/5}$, $\Omega_{\nu,s}(t < \tau_\rho Re^{2/5}) \sim D_\mathrm{f}(t)^2 \lambda_s(t)$, $\Omega_{\nu,s}(t > \tau_\rho Re^{2/5}) \sim D_0^3$
IV Viscous i-phase, no s-phase: large *Oh*	 $\lambda_i(t < \tau_\nu) \sim \sqrt{\nu t}$ $\lambda_i(t > \tau_\nu) \sim D_0$ $\Omega_{\nu,i}(t) \sim D_\mathrm{f}(t)^2 \lambda_i(t)$	no spreading phase