t	Liquid sheet thickness, m
u	Injected fluid velocity axial component at the injector exit, m. s^{-1}
u_d	Droplet velocity magnitude, m. s^{-1}
U_{rel}	Relative velocity magnitude between two droplets, m. s^{-1}
We_c	Weber collision number, dimensionless
x	Droplet characteristic dimension, m
y	Droplet distortion parameter, dimensionless

Greek symbols

Δp	Pressure drop at the injector exit, kg. s^{-2}. m^{-1}
ε	Turbulent energy dissipation rate, J. kg^{-1}. s^{-1}
θ	Injection angle, rad
μ_l	Liquid phase viscosity, kg. m^{-1}. s^{-1}
ρ_g	Gas phase density, kg. m^{-3}
ρ_l	Liquid phase density, kg. m^{-3}
σ	Droplet surface tension, kg. s^{-2}