Refname	DD:sdfTol
Label	Stress distribution factor (Function) based on Pbtol
Symbol	$J_{ m tol}$
Units	Unitless
Equation	$J_{\mathrm{tol}} = \ln \left(\ln \left(\frac{1}{1 - P_{\mathrm{btol}}} \right) \frac{\left(\frac{a}{1000} \frac{b}{1000} \right)^{m-1}}{k \left(E \cdot 1000 \left(\frac{h}{1000} \right)^2 \right)^m LDF} \right)$
Description	J_{tol} is the stress distribution factor (Function) based on Pbtol (Unitless) P_{btol} is the tolerable probability of breakage (Unitless) a is the plate length (long dimension) (m) b is the plate width (short dimension) (m) m is the surface flaw parameter $\left(\frac{\mathrm{m}^{12}}{\mathrm{N}^7}\right)$ k is the surface flaw parameter $\left(\frac{\mathrm{m}^{12}}{\mathrm{N}^7}\right)$ E is the modulus of elasticity of glass (Pa) h is the minimum thickness (m) LDF is the load duration factor (Unitless)