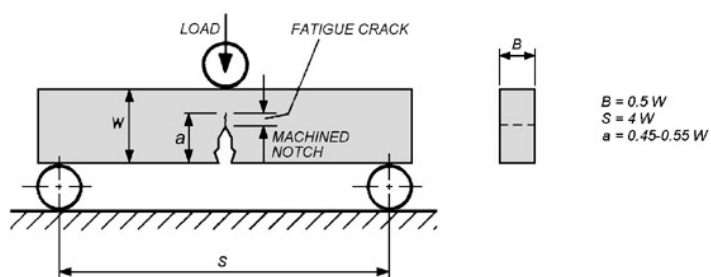


Appendix

Function $f\left(\frac{a}{W}\right)$:

$$f\left(\frac{a}{W}\right) = \frac{3\left(\frac{a}{W}\right)^{1/2} \left[1.99 - \frac{a}{W} \left(1 - \frac{a}{W}\right) \left\{ 2.15 - 3.93\left(\frac{a}{W}\right) + 2.7\left(\frac{a}{W}\right)^2 \right\} \right]}{2\left(1 + 2\frac{a}{W}\right) \left(1 - \frac{a}{W}\right)^{3/2}}$$



Drawing of the recommended single edge notch bend (SENB) specimen.