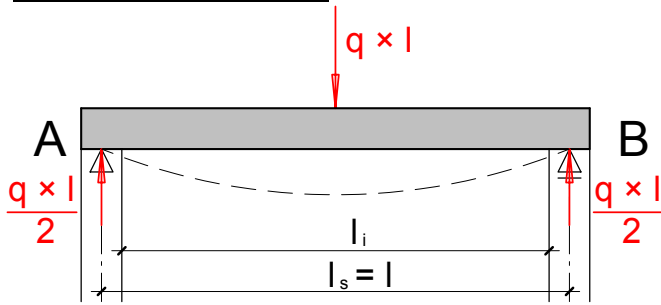


**Einfacher Balken:**



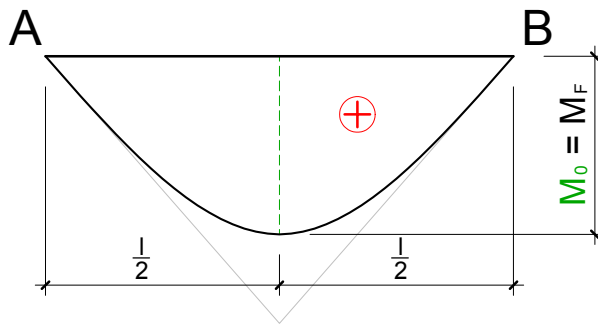
$$l_s = 1.05 \cdot l_i$$

$$M_0 = \frac{q \cdot l^2}{8}$$

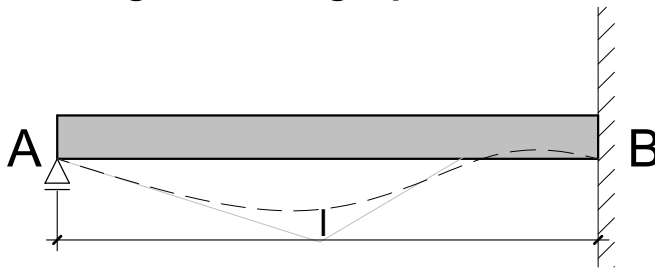
$$M_F = \frac{q \cdot l^2}{8} = M_{\max}$$

$$M_A = 0$$

$$M_B = 0$$



**A frei aufliegend, B eingespannt:**



$$M_0 = \frac{q \cdot l^2}{8}$$

$$M_F = \frac{q \cdot l^2}{14}$$

$$M_M = \frac{M_B}{2} + M_0 = \frac{q \cdot l^2}{16}$$

$$M_A = 0$$

$$M_B = -\frac{q \cdot l^2}{8}$$

