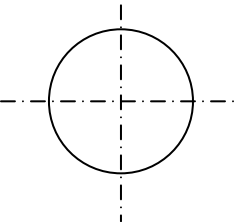
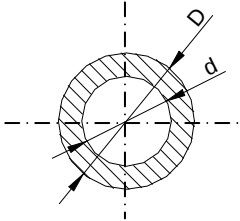
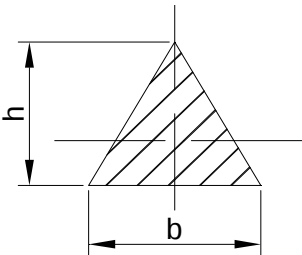
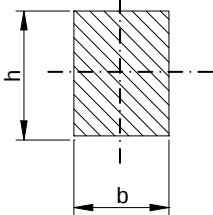


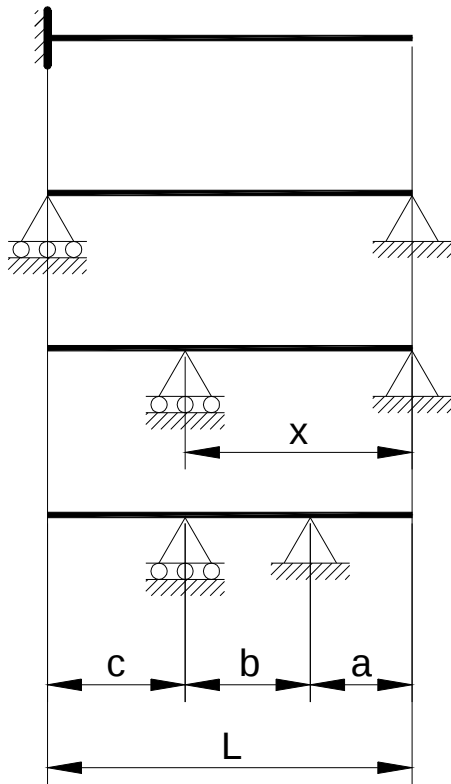
Formulário para Resistência dos Materiais I

$\sigma = \frac{M}{I_y} z$	$\sigma = \frac{M}{I_z} y$	$\sigma = \frac{M}{I_y} z + \frac{N}{A}$	$\sigma = \frac{M}{I_z} y + \frac{N}{A}$
$\sigma = \frac{M}{I_y} z + \frac{M}{I_z} y + \frac{N}{A}$	$ \sigma_{\text{ext}} \leq \bar{\sigma} $	$\sigma_{\text{ext}} = \frac{M}{W_y}$	$\sigma_{\text{ext}} = \frac{M}{W_z}$
$\sigma_{\text{ext}} = \frac{M}{I_y} z_{\text{ext}}$	$\sigma_{\text{ext}} = \frac{M}{I_z} y_{\text{ext}}$	$\sigma_{\text{ext}} = \frac{M}{I_y} z_{\text{ext}} + \frac{N}{A}$	$\sigma_{\text{ext}} = \frac{M}{I_z} y_{\text{ext}} + \frac{N}{A}$

Seção Transversal	I_y	I_z	W_y	W_z
	$\frac{\pi d^4}{64}$	$\frac{\pi d^4}{64}$	$\frac{\pi d^3}{32}$	$\frac{\pi d^3}{32}$
	$\frac{\pi(D^4 - d^4)}{64}$	$\frac{\pi(D^4 - d^4)}{64}$	$\frac{\pi(D^4 - d^4)}{32D}$	$\frac{\pi(D^4 - d^4)}{32D}$
	$\frac{ah^3}{36}$	$\frac{ha^3}{48}$	$\frac{ah^2}{24}$	$\frac{ha^2}{6}$
			$\frac{ah^2}{12}$	
	$\frac{bh^3}{12}$	$\frac{hb^3}{12}$	$\frac{bh^2}{6}$	$\frac{hb^2}{6}$

VIGAS PARA A ANALOGIA DE MOHR

Viga Real



Viga Análoga

