



MOMENTOS DE INERCIA Y RESISTENCIA – SECCIONES SIMPLES –

SECCIÓN	MOMENTO DE INERCIA	MOMENTO DE RESISTENCIA
	$J = \frac{bh^3}{12}$	$W = \frac{bh^2}{6}$
	$J = \frac{bh^3}{12}$	$W = \frac{hb^2}{6}$
	$J = \frac{h^4}{12}$	$W = \frac{h^3}{6}$
	$J = \frac{\pi a^3 b}{4}$	$W = \frac{\pi a^2 b}{4}$
	$J = \frac{\pi}{4}(a^3 b - a_1^3 b_1) = \frac{\pi}{4} a^2 (a + 3b)$	$W = \frac{\pi a}{4} a (a + 3b) d$
	$J = \frac{bh^3}{36}$	$W = \frac{bh^2}{24} \text{ para...} e = \frac{2}{3} h$
	$J = \frac{5\sqrt{3}}{16} R^4 = 0.5413R^4$	$W = \frac{5}{8} R^3$
		$W = 0.5413R^3$
	$J = \frac{6b^2 + 6bb_1 + b_1^2}{36(2b + b_1)} h^3$	$W = \frac{6b^2 + bb_1 + b_1^2}{12(3b + 2b_1)} h^2 \text{ para...} e = \frac{1}{3} \cdot \frac{3b + 2b_1}{2b + b_1}$
	$J = \frac{b(h^3 - h_1^3) + b_1(h_1^3 - h_2^3)}{12}$	$W = \frac{b(h^3 - h_1^3) + b_1(h_1^3 - h_2^3)}{6h}$
	$J = \frac{BH^3 + bh^3}{12}$	$W = \frac{BH^3 + bh^3}{6H}$
	$J = \frac{BH^3 - bh^3}{12}$	$W = \frac{BH^3 - bh^3}{6H}$
	$J = \frac{\pi d^4}{64}$	$W = \frac{\pi d^3}{32} = 0.1d^3$
	$J = \frac{\pi}{64}(D^4 - d^4)$	$W = \frac{\pi}{32} \cdot \frac{D^4 - d^4}{D}$