

番号	断面	A	I	Z
1		$bh$	$\frac{1}{12}bh^3$	$\frac{1}{6}bh^2$
2		$b(h_2 - h_1)$	$\frac{1}{12}b(h_2^3 - h_1^3)$	$\frac{1}{6} \cdot \frac{b(h_2^3 - h_1^3)}{h_2}$
3		$h^2$	$\frac{1}{12}h^4$	$\frac{1}{6}h^3$
4		$h_2^2 - h_1^2$	$\frac{1}{12}(h_2^4 - h_1^4)$	$\frac{1}{6} \cdot \frac{h_2^4 - h_1^4}{h_2}$
5		$h^2$	$\frac{1}{12}h^4$	$\frac{\sqrt{2}}{12}h^3$
6		$h_2^2 - h_1^2$	$\frac{1}{12}(h_2^4 - h_1^4)$	$\frac{\sqrt{2}}{12} \cdot \frac{h_2^4 - h_1^4}{h_2}$
7		$\frac{1}{2}bh$	$\frac{1}{36}bh^3$	$e_1 = \frac{2}{3}h, e_2 = \frac{1}{3}h$ $Z_1 = \frac{1}{24}bh^2, Z_2 = \frac{1}{12}bh^2$
8		$h(b + \frac{1}{2}b_1)$	$\frac{6b^2 + 6bb_1 + b_1^2}{36(2b + b_1)}h^3$	$e_1 = \frac{1}{3} \cdot \frac{3b + 2b_1}{2b + b_1}h$ $Z_1 = \frac{6b^2 + 6bb_1 + b_1^2}{12(3b + 2b_1)}h^2$

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9		$A = b_2h_2 - b_1h_1$ $I = \frac{1}{12}(b_2h_2^3 - b_1h_1^3)$ $Z = \frac{1}{6} \cdot \frac{b_2h_2^3 - b_1h_1^3}{h_2}$		
10		$A = b_1h_1 + b_2h_2$ $I = \frac{1}{12}(b_1h_1^3 + b_2h_2^3)$ $Z = \frac{1}{6} \cdot \frac{b_1h_1^3 + b_2h_2^3}{h_2}$		
11		$A = b_1h_1 + b_2h_2$ $I = \frac{1}{3}(b_2e_2^3 - b_1h_3^3 + b_2e_1^3)$ $e_2 = \frac{b_1h_1^2 + b_2h_2^2}{2(b_1h_1 + b_2h_2)}$		
12		$\frac{\pi}{4}d^2$	$\frac{\pi}{64}d^4$	$\frac{\pi}{32}d^3$
13		$\frac{\pi}{4}(d_2^2 - d_1^2)$	$\frac{\pi}{64}(d_2^4 - d_1^4)$	$\frac{\pi}{32} \cdot \frac{d_2^4 - d_1^4}{d_2} \approx 0.8 d_m^2 t$ ( $t/d_m$ が小さいとき)
14		$\frac{\pi}{2}r^2$	$(\frac{\pi}{8} - \frac{8}{9\pi})r^4$ $= 0.1098 r^4$	$e_1 = 0.5766 r$ $e_2 = 0.4244 r$ $Z_1 = 0.1908 r^3$ $Z_2 = 0.2587 r^3$
15		$\pi ab$	$\frac{\pi}{4}a^3b$	$\frac{\pi}{4}a^2b$

A = 断面図  
I = 断面二次モーメント  
Z = 断面係数