



[철강중량 계산공식]

관련기호	표 준	약식(일반계산기용)	비 고
원형관	$W=0.02466(D-t)t$	$(\text{외경}-\text{두께}) \times \text{두께} \times 0.02466$	W=중량, t=두께, D=외경
각관	$W=0.0157(A+B-3.287 \times t)t$	$\{3.287 \times \text{두께}(A+B)\} \times 0.0157 \times \text{두께}$	길이
철판	$7.85 \times t(\text{mm}) \times \text{너비}(\text{m}) \times \text{길이}(\text{m})$	$\text{가로} \times \text{세로} \times \text{두께} \times 7.85 \times 0.000001$	
무늬철판		$\text{두께} \times (7.85+1.672) \times \text{가로} \times \text{세로}$	
C형강	$0.785 \times t(H+2A+2C-6.574t) \times 1/100$		
원형강	$0.785 \times D^2 \times 0.7854 \times 1/100$		D=지름
각강	$0.785 \times A^2 \times 1/100$		A=변
6각강	$0.785 \times B^2 \times 0.8660 \times 1/100$		B=대변길이
ㄱ형강	$0.785 \times t(2A-t)+0.215(r1^2 - 2r2^2) \times 1/100$		
ㄷ형강	$0.785 \times Ht1-2t^2 (B-t1)+0.615(r1^2 - r2^2) \times 1/100$		
H형강	$0.785 \times t1(H-2t^2)+2Bt^2 +0.858r^2$		
경량H형강	$0.785 \times t1(H-2t^2)+2Bt^2 \times 1/100$		
EGI철강	$(7.85 \times \text{두께})+(0.04 \times \text{가로} \times \text{세로})$		아연부착량추가