

STEEL STRUCTURE ENGINEERING

ANCHOR BOLT REQUIRED BURIED LENGTH

INPUT DATA PGM RUN V1.2

* Item Name	E-1004	* Description	PES21
* Concrete COmpressive Strength,Cc	210	Kg/cm ² * Bolting Factor,C	1.4
Bolt Size	M58x3	Bolt Glade	F10T

RESULT OF CALCULATION

1. 체결토크, $Ta=0.35*k$ $(1+1/Q)*As*d$	1,405.6	Kg-cm	2. 내력, $\sigma_y=$	39.5	Kgf/mm ²
3. 체결축력, $Ft=0.7*\sigma_y*As$	65,617.3	Kgf	4. Required Buried Length, $L1=(2*Ft/(\pi$ $*Cy)*0.5$	446	mm

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