

Conduit 90-Degree Bend Take-Up Calculator

Calculate a stub-up bend mark from the finished stub height and the take-up recorded for the selected bender.

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<https://www.elecatrrix.com/conduit-bending/conduit-90-bend-takeup-calculator/>

Inputs

Input	Value	Unit
Desired stub height	18	in
Bender take-up used	6	in
Take-up source reference	bender-record-a	

Results

Result	Value	Unit
Bend mark from end	24	in
Desired stub height	18	in
Bender take-up used	6	in

Calculation details

Detail	Value	Unit
Calculation basis	The mode applies the entered take-up using the local stub-up reference convention: bend mark equals desired stub height plus entered take-up.	
Layout boundary	Entered take-up record only; verify the bender, conduit size, sign convention, source reference, and field markings separately.	

Formulas

$$M_{\text{bend}} = H_{\text{stub}} + U_{\text{take-up}}$$

$$U_{\text{take-up}} = \text{entered bender or field reference}$$

Warnings and limitations

Supplied take-up record only; verify the bender, conduit size, sign convention, source reference, and field markings separately.