

# BEAM **G**accessories™

## Anchor Bolt without sleeve



ISO 9001:2015  
No.: 92200062

ISO 14001:2015  
No.: 142200063

ISO 45001:2018  
No.: 452200064

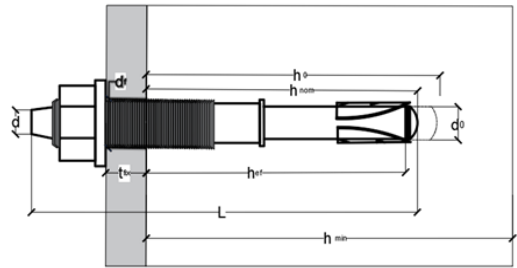


### DESCRIPTION

Anchor bolt is a heavy-duty anchor made of galvanized steel suitable for fixing hangers, brackets, channels, or other metal profiles to concrete walls. It is used for high heights and loads.

### METHOD OF USE

- Drill a hole deeper than the bolt length but with the same diameter.
- Tap the anchor into the hole.
- Tighten the nut until the anchor is secured.



### TECHNICAL DATA

TYPE	UNIT	M6 VALUE
Material	-	Steel
Coating	-	Zinc Plated
Threaded Diameter (d)	mm	6
Drill Diameter (d <sub>0</sub> )	mm	6
Clearance Diameter (d <sub>1</sub> )	mm	8
Length (L)	mm	55
Anchor Depth (h <sub>erf</sub> )	mm	25.6- 35
Embed Depth (h <sub>nom</sub> )	mm	35- 45
Drilling Depth (h <sub>0</sub> )	mm	41- 51
Min Thickness of Base Material (h <sub>min</sub> )	mm	100
Max Thickness of Part to be Fixed (T <sub>fix</sub> )	mm	15- 20
<b>Cross section above cone</b>		
Min tensile strength (f <sub>uk</sub> )	N/mm <sup>2</sup>	700
Yield strength (f <sub>yk</sub> )	N/mm <sup>2</sup>	580
<b>Threaded part</b>		
Min tensile strength (f <sub>uk</sub> )	N/mm <sup>2</sup>	600
Yield strength (f <sub>yk</sub> )	N/mm <sup>2</sup>	420
Stressed cross section (A <sub>s</sub> )	mm <sup>2</sup>	20.1
Elastic section modulus (W <sub>el</sub> )	mm <sup>3</sup>	12.71
Characteristic bending moment (M <sub>ork,s</sub> )	N.m	9
Recommended bending moment (M)	N.m	3.7