



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.
- Clean the holes from dust and fragments using an air pump and a brush.
- 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 ₀)	mm	6
Clearance Diameter (d _i)	mm	8
Length (L)	mm	55
Anchor Depth (h _{ef})	mm	25.6- 35
Embed Depth (h _{nom})	mm	35- 45
Drilling Depth (h _o)	mm	41- 51
Min. Thickness of Base Material (h _{min})	mm	100
Max. Thickness of Part to be fixed (t _{fix})	mm	15
Cross section above cone		
Min tensile strength (f _{uk})	N/mm ²	700
Yield strength (f _{yk})	N/mm ²	580
Threaded part		
Min tensile strength (f _{uk})	N/mm ²	600
Yield strength (f _{yk})	N/mm ²	420
Stressed cross section (A _s)	mm ²	20.1
Elastic section modulus (W _{el})	mm ³	12.71
Characteristic bending moment (M _{ork,s})	N.m	9
Recommended bending moment (M)	N.m	3.7

