

Rebar bolt Ø25/M24 with bend (Z-bolt)



Bolt for suspension of ladders for light fixtures. The bolt is normally mounted in a sleeve / transition sleeve of the same capacity, and is designed to accommodate deviations up to 150mm from the centreline. The equipment is clamped to the bolt or screwed directly onto the thread. For equipment that is to be screwed onto the bolt thread dimension need to be specified.

Stock programme:

M24x1000

Other lengths on request

Technical information:

Material: Stainless rebar 14404/1.4362 B500NCR acc. NS 3576-5

Duplex 1.4462 on request

Thread length: M24x100mm

Weight: 3,9 kg/m

Dimensions:	Tension area mm ² , A _s Thread-stem	Yield, ReH N/mm ² Min:	Tensile, Rm N/mm ² f _u	Ductility, AGT % min
M24x3,0 – Ø25	353-491	500	600	8

Minimum load capacity:

A_s x ReH

A_s x Rm

Thread:

Yield: 177 kN

Tensile strength: 212 kN

Stem:

Yield: 246 kN

Tensile strength: 295 kN

Minimal deformation (straightening) below 25 kN tension.

At 50 kN the deformation is lower than 25 mm.

Accessories:

Nut: according to DIN 934-A4-80

Washer: according to ISO 7089 A4

Sleeve M16/M24x80 B1000 Ø35 A4/1.4404 or M24x80 B1000 Ø45 A4-80/1.4404

Loctite thread sealant