

Virsbolt 120/120+

General Product Description

Virsbolt 120 and 120+ are mostly used for mining applications.

Virsbolt 120 and 120+ is delivered in thickness of 2 mm, and the bolts are delivered in bundles of 100 bolts per bundle.

The bolts have a load capacity of 120 kN. Virsbolt 120+ is made of special steel and has gone through a precise annealing process to give the bolts excellent elongation characteristics whilst maintaining good load bearing capacity. This gives Virsbolt 120+ better capacity to follow rock deformation with squeezing ground or high strain concentration areas. The products are available within the length range of 1.5 - 4.0 meters.

Advantages using Virsbolt:

- Provides immediate and full support action
- Accommodates large rock movements and still maintain its high load bearing capacity
- High deformability to accommodate ground movements in tension as well as in shear

Dimension Range

Virsbolt, which is JENNMAR's expandable rock bolts comes in a variety of dimensions and load carrying specifications. Please contact your local sales person for more information.

Product	Virsbolt 120/120+
Profile diameter (mm)	27.5
Original tube diameter (mm)	41
Upper bushing diameter (mm)	28
Bushing head diameter (mm)	30 / 37
Standard length ¹⁾ (m)	1.5 - 4.0

¹⁾ Other lengths upon request.

Mechanical Properties

Product	Wall Thickness (mm)	Minimum yield load (kN)	Typical Elongation A (%), not guaranteed	Elongation A (min %)	Typical breaking load (kN), not guaranteed	Minimum breaking load (kN)	Weight (kg/m)
Virsbolt 120	2.0	100	20	15	130	120	2.0
Virsbolt 120+	2.0	100	30	25	130	120	2.0

Tolerances

Tolerances according to JENNMAR's specifications.

Please contact your local sales person for more information regarding tolerances.

Delivery Conditions

Dry/oiled/ plastic coated. Virsbolt 120 and 120+ are delivered bundled in bundles of 100 bolts per bundle as standard. Delivery requirements can be found in our brochure Virsbolt, expandable rock bolt for rock reinforcement or at www.jennmar.se.

Fabrication and Other Recommendations

Product	Virsbolt 120/120+
Recommended hole diameter (mm)	32 - 39
Recommended inflation pressure (bar)	300

Contact Information

info@jennmar.se