

# X-Pandabolt®



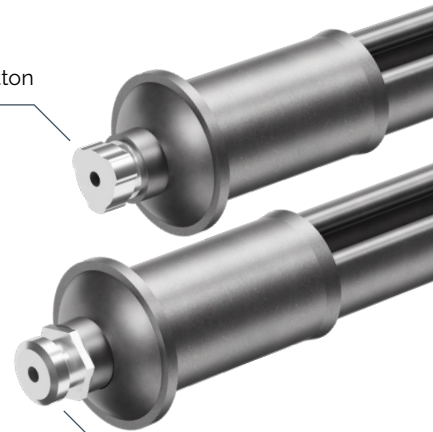
The X-Pandabolt is a hydraulically expanded rockbolt that releases the internal pressure once installation has been completed. With no internal pressure, the body of the X-Pandabolt is able to withstand greater deformation than that of a Hydrabolt and therefore withstands greater lateral movement of the rock in which the X-Pandabolt is installed.

X-Pandabolts are fitted with an integral load indicator that confirms X-Pandabolt has been correctly installed by popping forward once the X-Pandabolt has been adequately pressurized; secondly the color of the load indicator identifies which length of X-Pandabolt has been installed.

## + Main benefits

- Quick and easy to install
- Wide expansion range
- Pressurizing done remotely
- Not affected by blasting vibrations
- No resin or grout required
- No parts to lose in transport
- Not susceptible to rock strength
- Deforms to accommodate movement of the rock once installed
- Load distributed evenly over entire length of hole
- Provides immediate support

Tri-lobe button



Round button

## Technical specifications

### X-Pandabolt range

Model	Nominal diameter (mm)	Hole size range (mm)	Nominal load capacity (kN)	Typical bond length (mm)
X-Pandabolt 2708	Ø26	Ø32 – 36	78	800
X-Pandabolt 2710	Ø26	Ø32 – 36	98	800
X-Pandabolt 2910	Ø29	Ø34 – 40	98	800

X-Pandabolt lengths range from 0.9 to 3.0 meters in increments of 0.3 meters.  
Non-standard lengths can be accommodated upon request.

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