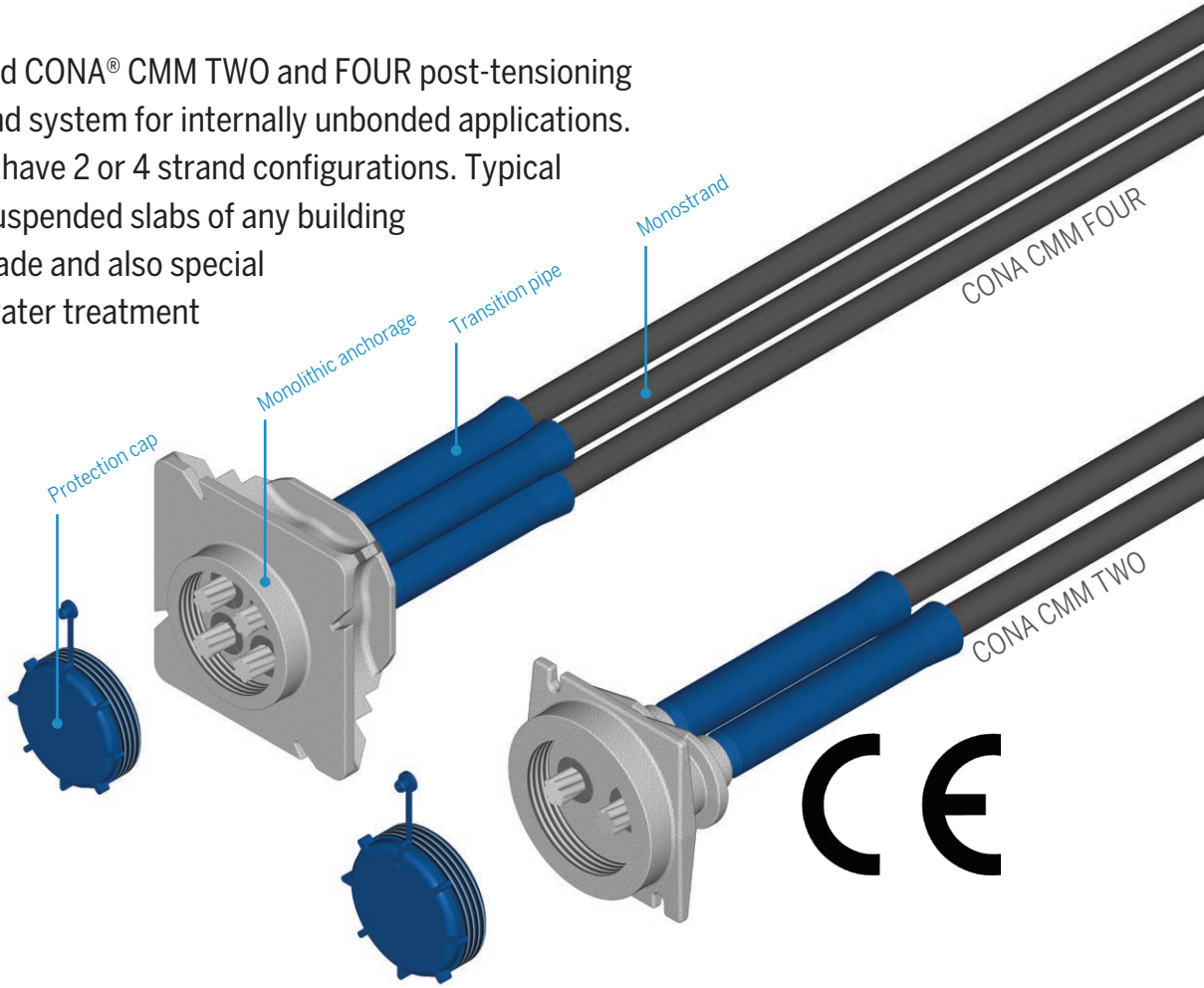
BBR VT CONA CMM TWO/FOUR

Monostrand unbonded post-tensioning system

The European assessed CONA® CMM TWO and FOUR post-tensioning system is a monostrand system for internally unbonded applications. The standard tendons have 2 or 4 strand configurations. Typical applications include suspended slabs of any building structure, slabs-on-grade and also special applications such as water treatment plants and silos.




Salzburg Shopping Centre (Austria)

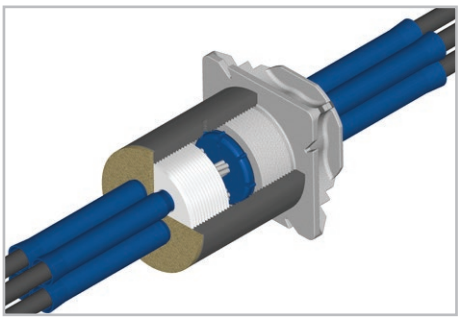
BBR VT CONA CMM TWO/FOUR

Monostrand unbonded post-tensioning system

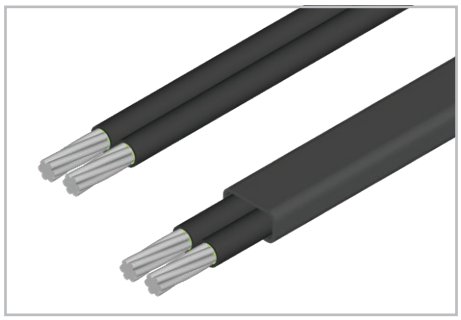
Features

- Available in either 2 or 4 strand configurations
- Optimised for compacted strand – 15.2 mm diameter, 165 mm² area, 1,820 MPa, F_{pk} = 300 kN
- Compact light-weight system ideal for suspended slabs and building applications
- Advanced proprietary monolithic anchorage for very small tendon centre spacings and concrete edge distances
- Application of full post-tensioning force at very low concrete strengths ($f_{cm,0}$ = 20/24 MPa)
- High level of corrosion protection ensured with individual transition pipes and greased/waxed and HDPE sheathed monostrands
- Fixed couplers for joining tendons (CMM FOUR only)
- Restressable & exchangeable tendons perfectly suited for long-term inspection and maintenance
- European Technical Assessment and CE marking

Compatible technologies



Coupler H



Strand bundle

Project application

Strojarska Towers (Croatia)

Available tendon sizes

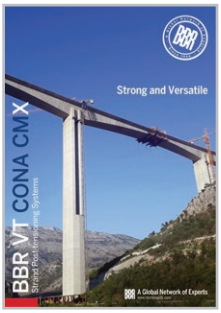
Type of strands*

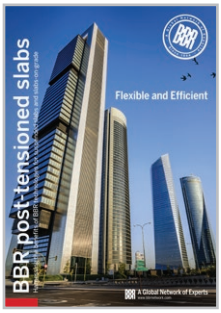
in	05		06		06C
mm	12.5	12.9	15.3	15.7	15.2
mm²	93	100	140	150	165
MPa	1,860	1,860	1,860	1,860	1,820

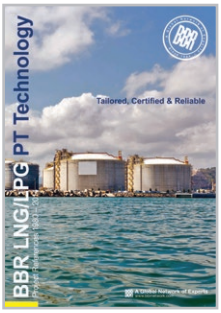
Tendon sizes

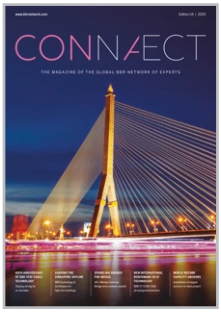
Strands	Characteristic ultimate resistance of tendon [kN]				
02	346	372	521	558	601
04	692	744	1,042	1,116	1,201

* 1,770 MPa tensile strength strand is also available









For further information download these brochures from our website.

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