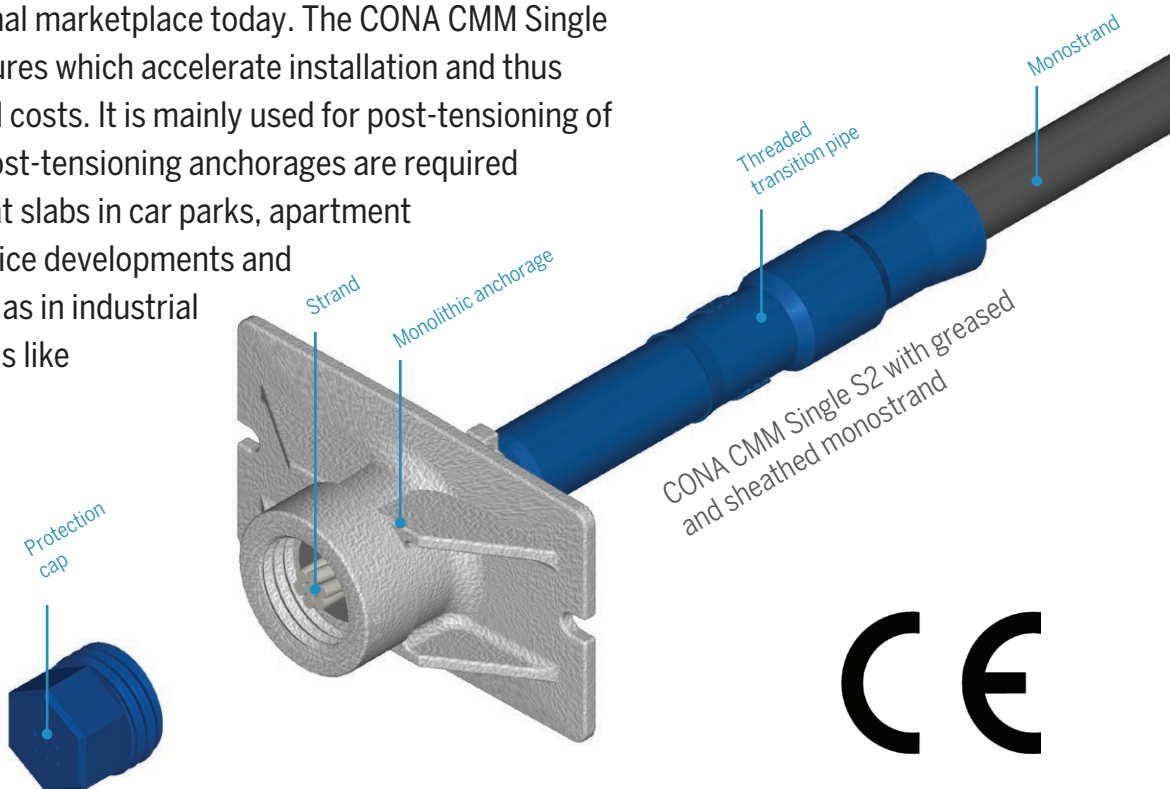


BBR VT CONA CMM Single S2

Monostrand unbonded or bonded post-tensioning system



The European assessed CONA® CMM Single S2 is an advanced next-generation version of the highly successful CONA CMM series featuring bonded or unbonded monostrand post-tensioning and is the only one of its type on the international marketplace today. The CONA CMM Single S2 anchorage offers features which accelerate installation and thus reduce labor and material costs. It is mainly used for post-tensioning of thin slabs, where small post-tensioning anchorages are required - such as in suspended flat slabs in car parks, apartment buildings, commercial office developments and shopping centers, as well as in industrial slab-on-grade applications like distribution warehouses.



BBR VT CONA CMM Single S2

Monostrand unbonded or bonded post-tensioning system



Features

- Compact light-weight anchorages available in two sizes, optimized for either 12.9 mm or 15.7 mm diameter, 1,860 MPa strand
- No anti-bursting or splitting reinforcement required at the anchorage
- Application of full post-tensioning force at very low concrete strengths ($f_{cm,0} = 18/22$ MPa)
- Advanced proprietary monolithic anchorage for very small tendon centre spacings and concrete edge distances
- Even smaller spacings are achievable when local anti-bursting reinforcement is added using an innovative support chair to centralize the reinforcement, which can be either stirrups or a helix cage
- Monolithic coupling anchorage with an integrated, preinstalled wedge
- An intermediate anchorage permits continuous strand on sequentially stressed concrete structures without using a coupling anchorage
- Superior corrosion protection ensured with a threaded transition pipe
- In unbonded applications, greased/waxed and individually HDPE sheathed monostrands are used
- In bonded applications, round corrugated galvanized steel or plastic duct are filled with high performance BBR grout
- Restressable & exchangeable tendons perfectly suited for long-term inspection and maintenance
- European Technical Assessment and CE marking

Available tendon sizes

Type of strands*

in	05		06	
mm	12.5	12.9	15.3	15.7
mm ²	93	100	140	150
MPa	1,860	1,860	1,860	1,860

Tendon sizes

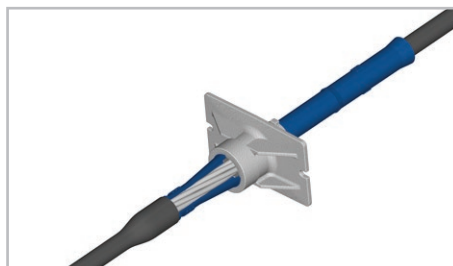
Strands	Characteristic ultimate resistance of tendon [kN]			
01	173	186	260	279

* 1,770 MPa tensile strength strand is also available

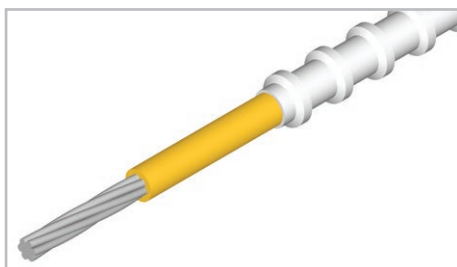
Compatible technologies



Coupler T



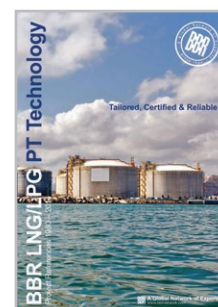
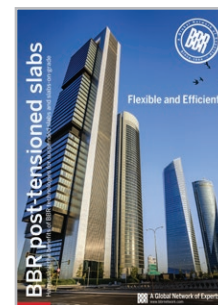
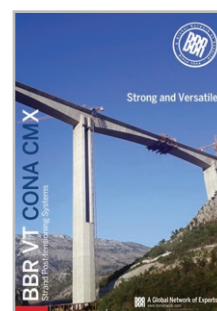
Intermediate anchorage C



Plastic Duct (round)



Plain strand & monostrand



For further information download these brochures from our website.