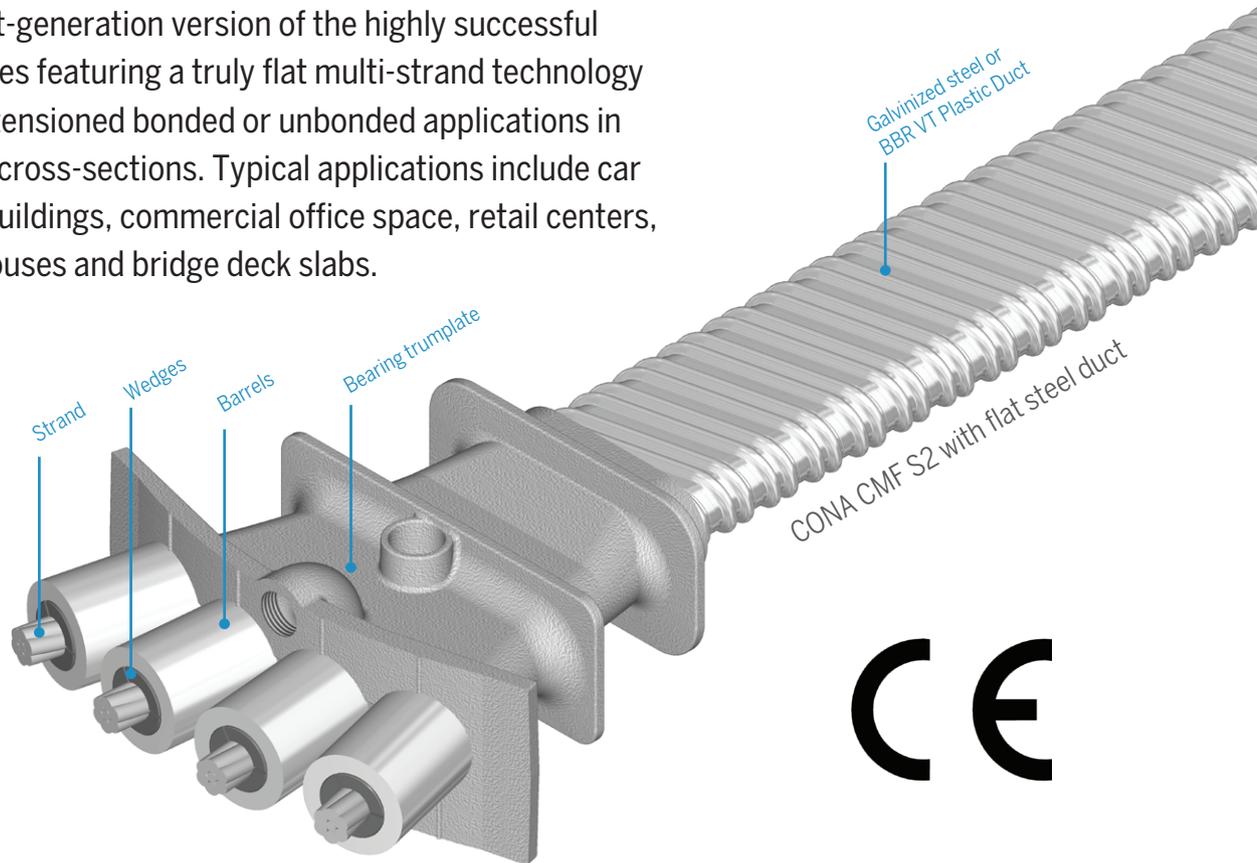


BBR VT CONA CMF S2

Flat anchorage internal bonded or unbonded post-tensioning system



The European assessed CONA® CMF S2 post-tensioning system is an advanced next-generation version of the highly successful CONA CMF flat series featuring a truly flat multi-strand technology for internally post-tensioned bonded or unbonded applications in ultra thin concrete cross-sections. Typical applications include car parks, apartment buildings, commercial office space, retail centers, distribution warehouses and bridge deck slabs.



BBR VT CONA CMF S2

Flat anchorage internal bonded or unbonded post-tensioning system



Features

- Anchorages available with configurations from 2 up to 6 strands
- Compact lightweight anchorages optimized for either 12.9 mm or 15.7 mm diameter, 1,860 MPa strand
- Application of full post-tensioning force at very low concrete strengths $f_{cm,0} = 21/26$ MPa
- Advanced proprietary load transfer element for very small tendon center spacings, concrete edge distances and slab thickness'
- Fixed coupler for joining tendons
- Corrugated flat tendon duct utilizing either galvanized steel or plastic material
- For bonded applications the ducts are filled with high performance BBR grout
- In unbonded applications, greased/waxed and individually HDPE sheathed monostrands are used
- Alternatively, the ducts can be injected with grease/wax or circulating dry air
- Restressable & exchangeable tendons perfectly suited to long-term inspection and maintenance
- European Technical Assessment and CE marking

Available tendon sizes

Type of strands*

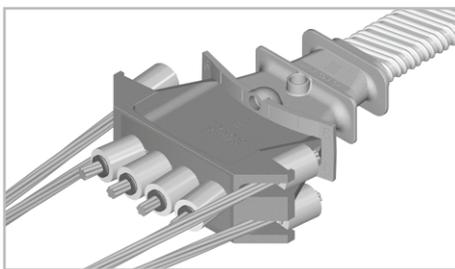
in	05		06	
mm	12.5	12.9	15.3	15.7
mm ²	93	100	140	150
MPa	1,860	1,860	1,860	1,860

Tendon sizes

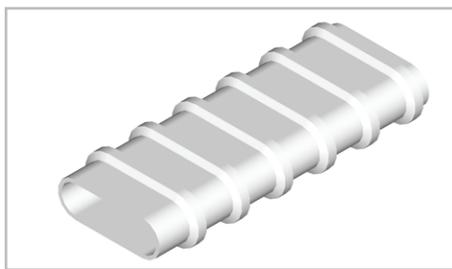
Strands	Characteristic ultimate resistance of tendon [kN]			
02	346	372	521	558
03	519	558	781	837
04	692	744	1,042	1,116
05	865	930	1,302	1,395
06	1,038	1,116	-	-

* 12.5 mm and 15.3 mm diameter strand, and 1,770 MPa tensile strength strand is also available

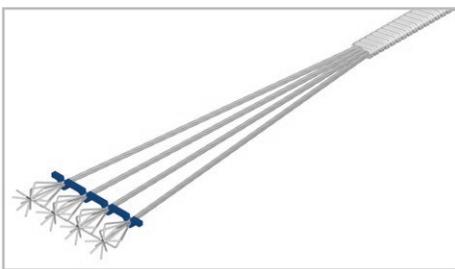
Compatible technologies



Coupler K (fixed)



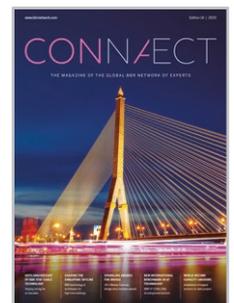
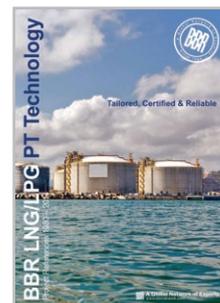
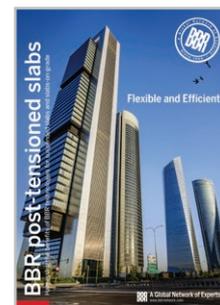
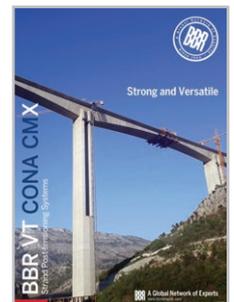
BBR VT Plastic Duct (flat)



CONA CMO - Bonded onion anchorage



Plain strand & monostrand



For further information download these brochures from our website.