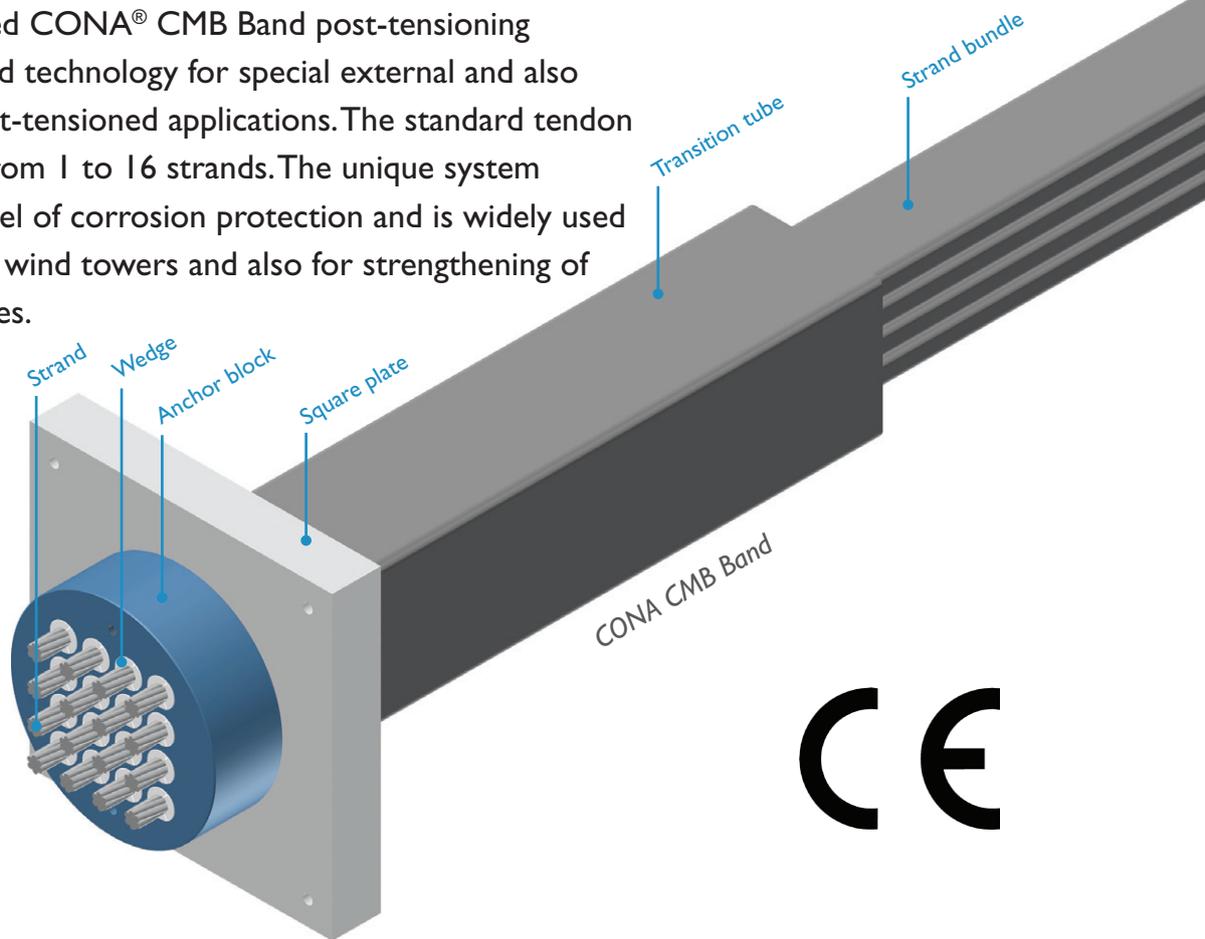


# BBR VT CONA CMB - B Band

Band post-tensioning system



The European approved CONA® CMB Band post-tensioning system is a multi-strand technology for special external and also internal unbonded post-tensioned applications. The standard tendon configurations range from 1 to 16 strands. The unique system design offers a high level of corrosion protection and is widely used for the prestressing of wind towers and also for strengthening of railway and road bridges.



CE



Lavant Bridge (Austria)

# BBR VT CONA CMB - Band

Band post-tensioning system



## Features

- Standard tendon sizes from 1 up to 16 strands
- Strands are configured in either 2 or 4 strand flat horizontal bands, stacked vertically up to 16 strands
- Optimised for compacted strand – 15.2mm diameter, 165mm<sup>2</sup> area, 1,820 MPa,  $F_{pk} = 300kN$
- High level of corrosion protection ensured with transition tube and greased/waxed and HDPE sheathed monostrands. An additional extruded smooth rectangular plastic sheath for extra durability is also available
- Bands pre-cut and rolled onto a transportable drum for rapid deployment and tendon placement on-site
- Ideal for strengthening of bridges, buildings and tank wrapping. Convenient flat band profile for transfer of transversal forces at deviator/saddle points
- Restressable & exchangeable tendons perfectly suited for long-term inspection and maintenance
- European Technical Approval and CE marking

## Available tendon sizes

Type of strands\*

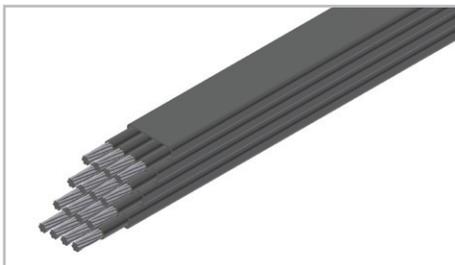
	06	06C
in		
mm	15.3	15.7
mm <sup>2</sup>	140	150
MPa	1,860	1,820

Tendon sizes

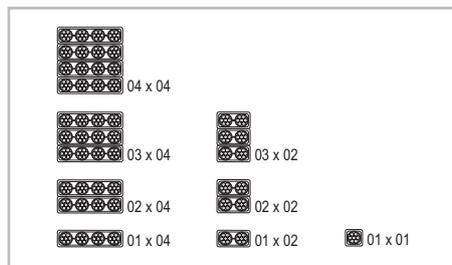
Strands	Characteristic ultimate resistance of tendon [kN]		
01	260	279	300
02	521	558	601
04	1,042	1,116	1,201
06	1,562	1,674	1,802
08	2,083	2,232	2,402
12	3,125	3,348	3,604
16	4,166	4,464	4,805

\* 1,770 MPa tensile strength strand is also available

## Band configurations



Strand bundle



Strand configuration

## Special applications



Motorway Bridge (Hungary)



Wind Towers (Germany)



For further information download these brochures from our website.