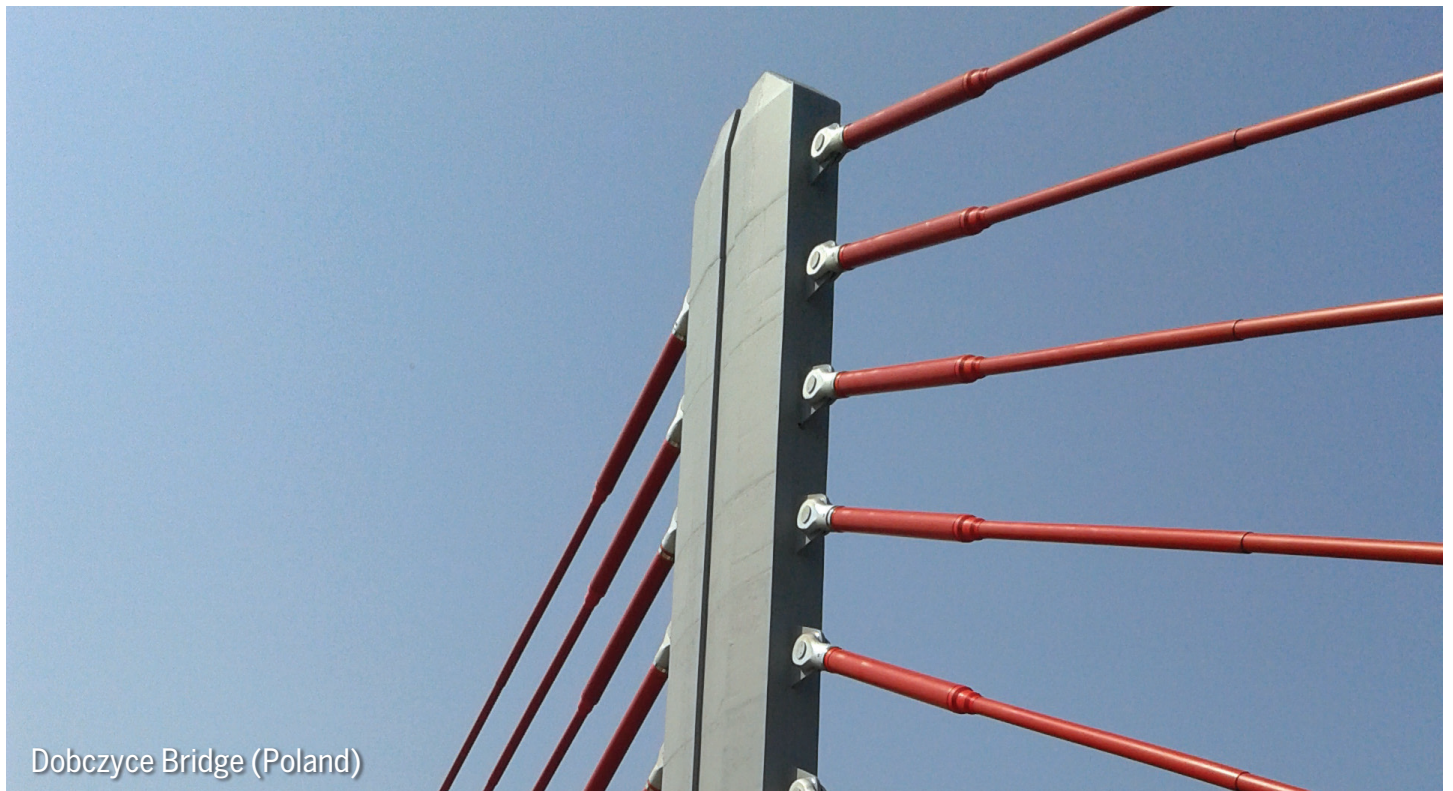
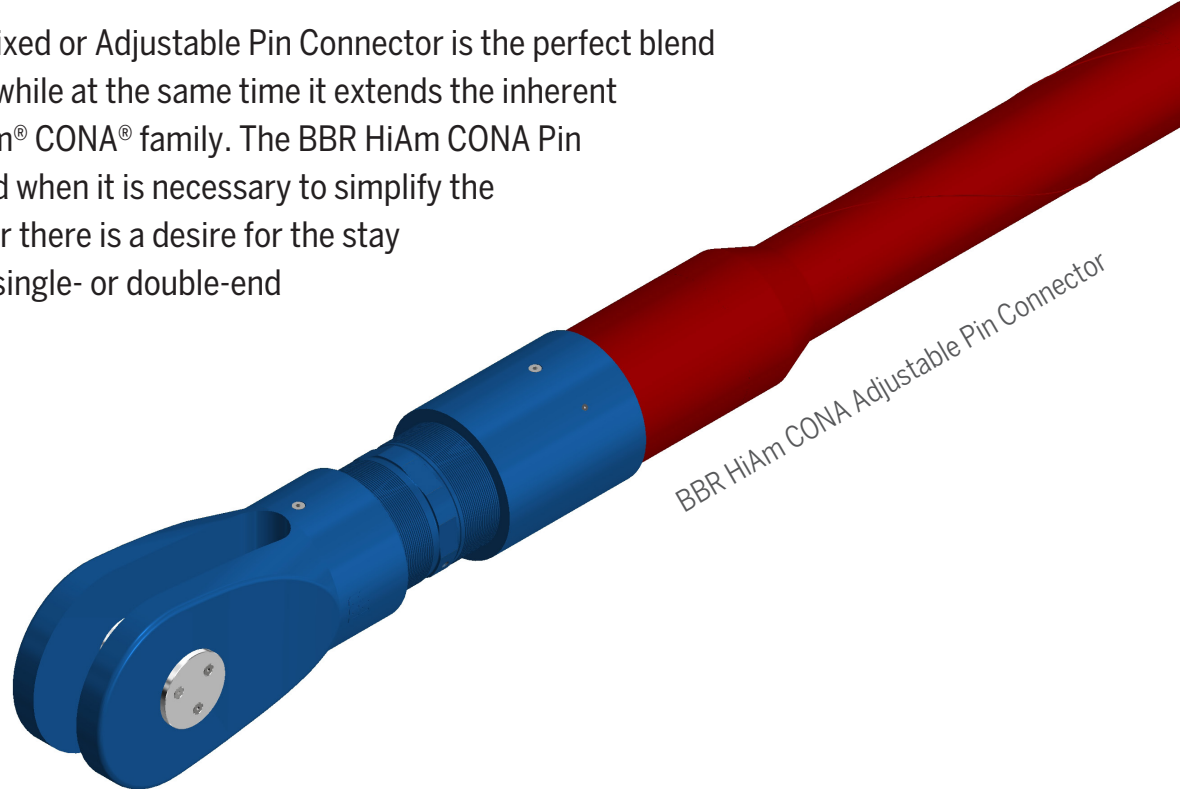


BBR HiAm CONA Pin Connector

Stay Cable Connector System



The BBR® HiAm CONA Fixed or Adjustable Pin Connector is the perfect blend of strength and beauty, while at the same time it extends the inherent benefits of the BBR HiAm® CONA® family. The BBR HiAm CONA Pin Connector is ideally used when it is necessary to simplify the end connection details or there is a desire for the stay cables to feature either single- or double-end fork connectors.



Dobczyce Bridge (Poland)

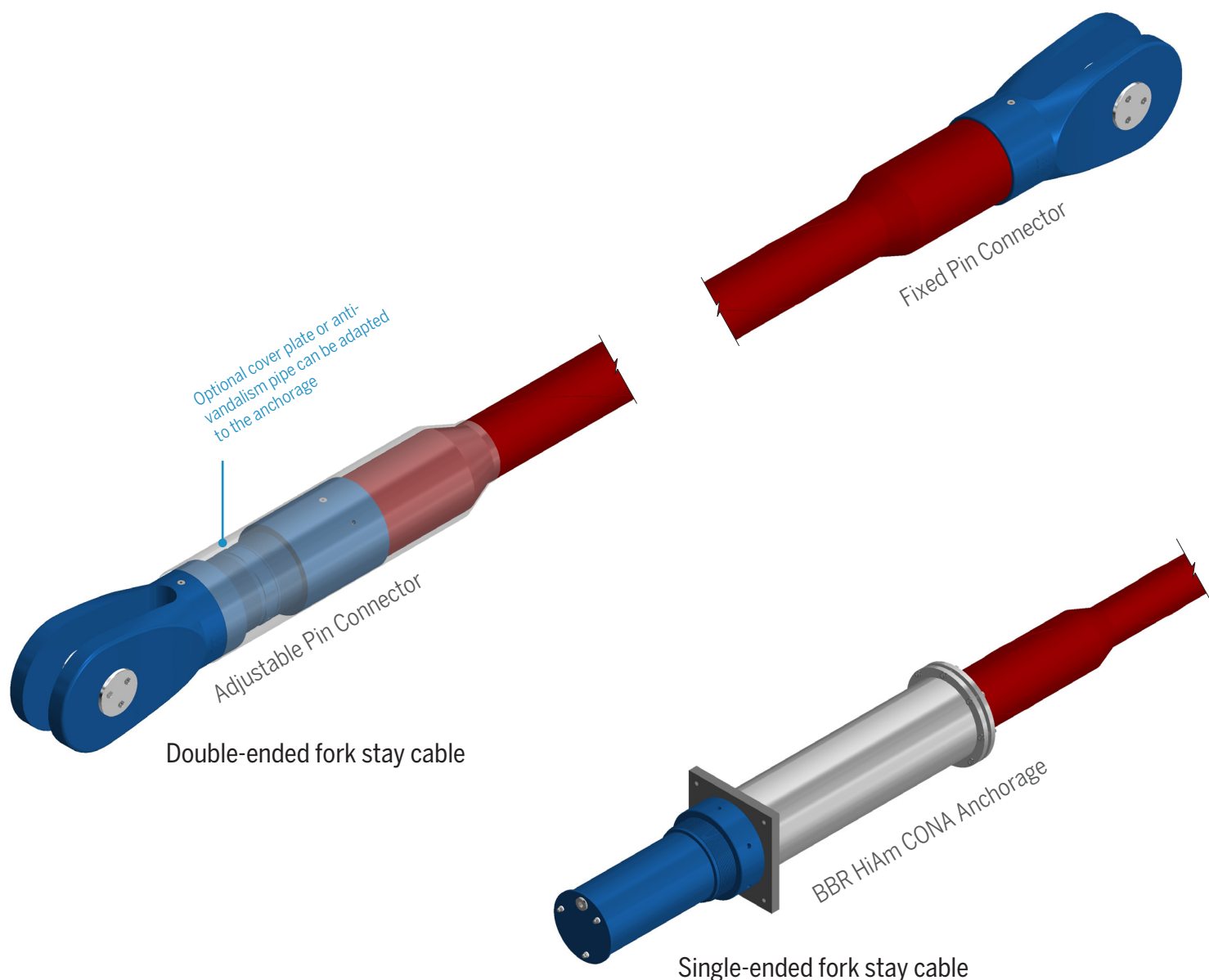


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BBR HiAm CONA Pin Connector

Stay Cable Connector System



Technical specifications

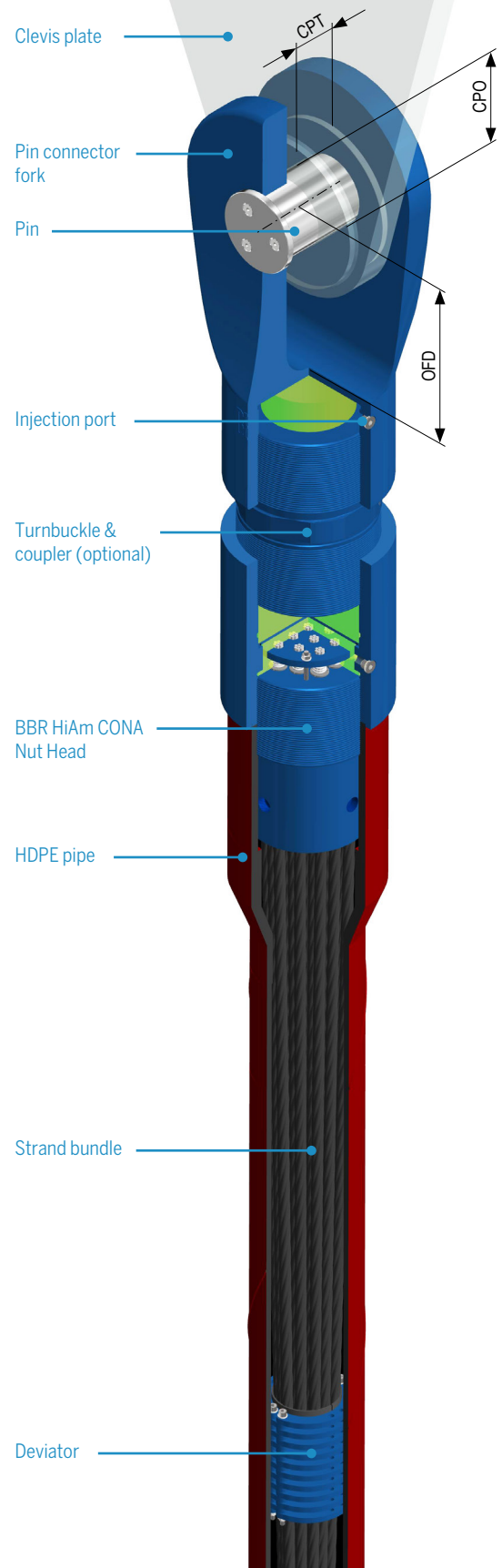
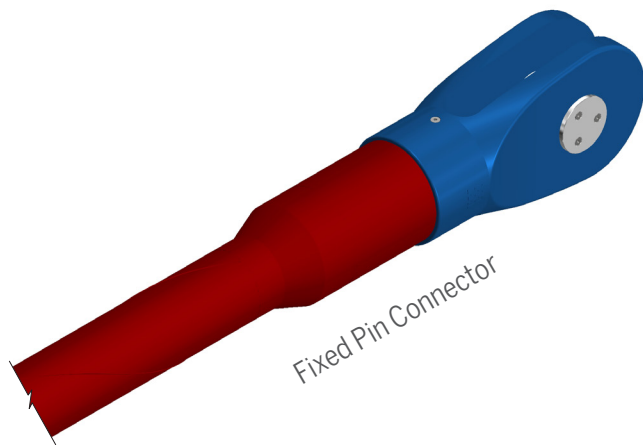
BBR HiAm CONA	Type ²			002 06	003 06	004 06	007 06	012 06	013 06	019 06	022 06	024 06	027 06	031 06
Pin Connector	Number of Strands	n		2	3	4	7	12	13	19	22	24	27	31
	Breaking Strength		[kN]	558	837	1,116	1,953	3,348	3,627	5,301	6,138	6,696	7,533	8,649
Anchorage ¹	Opening Diameter	CPO	[mm]	41	49	56	74	94	99	122	131	137	145	156
	Thickness	CPT	[mm]	36	43	49	63	80	83	99	106	110	117	124
	Front Distance	OFD	[mm]	125	145	163	204	251	265	320	353	364	391	426

¹ Dimensions for clevis plate made of steel S355. For different steel grade please contact your nearest BBR representative.

² Adjustable fork connector available up to size 37, larger sizes on request

BBR HiAm CONA Pin Connector

Stay Cable Connector System



037 06	042 06	043 06	048 06	055 06	061 06	069 06	073 06	085 06
37	42	43	48	55	61	69	73	85
10,323	11,718	11,997	13,392	15,345	17,019	19,251	20,367	23,715
170	180	182	192	205	215	229	236	255
133	144	145	153	164	172	182	188	203
461	494	504	533	583	621	673	694	757

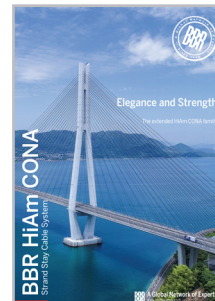
BBR HiAm CONA Pin Connector

Stay Cable Connector System



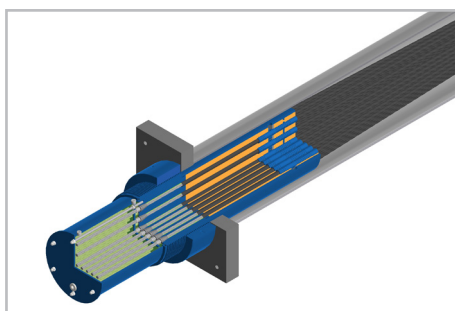
Features

- Aesthetically pleasing and very slender stay cable appearance utilising either a single- or double-ended fork connector
- Optional turnbuckle and coupler providing standard adjustable lengths of $\pm 50\text{mm}$ and $\pm 100\text{mm}$, other customisable lengths available on request
- Optimised for 15.7 mm diameter, 1,860 MPa strand
- System assessed and in compliance with the latest *fib* Bulletin 89, PTI and CIP (Setra) recommendations
- Superior axial and bending fatigue resistance with BBR Benchmark testing above and beyond international standards
- Utilises the same advanced corrosion protection system as featured on the BBR HiAm CONA anchorage
- Designed to withstand an out-of-plane rotational misalignment of up to $\pm 23\text{mrad}$ which is larger than any other solution in the market
- Cable to pylon connection is simplified leading to a smaller pylon
- Bending effects from service and wind loading are significantly reduced
- Stay cable installation either performed by initial preassembly on site and subsequent lifting into place or single strand installation
- Easy fine-tuning of cable during installation and any time during service
- Simplified inspection and very low maintenance

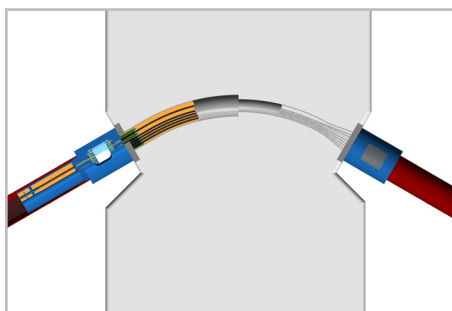


For further information download these brochures from our website.

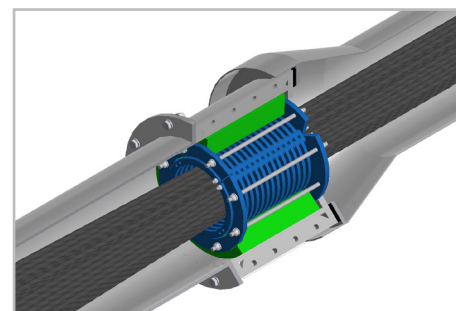
Compatible technologies



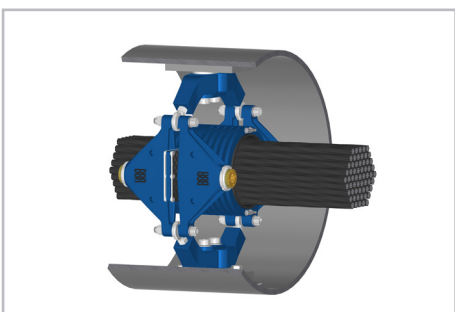
HiAm CONA Stay Cable



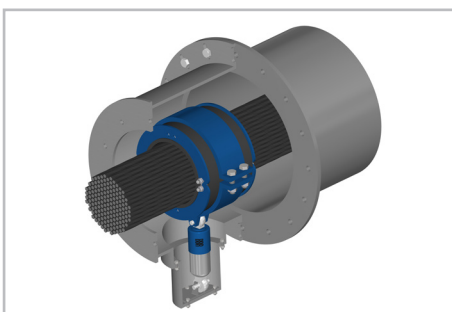
HiEx CONA Saddle



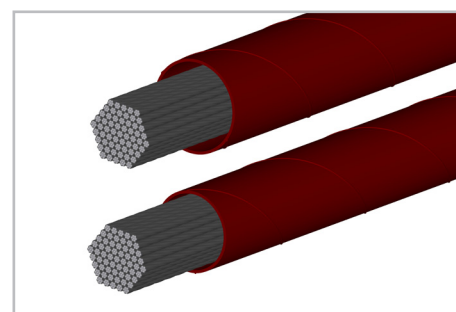
Guide deviator



Square Damper



Viscous Damper



Standard & Compact stay pipe