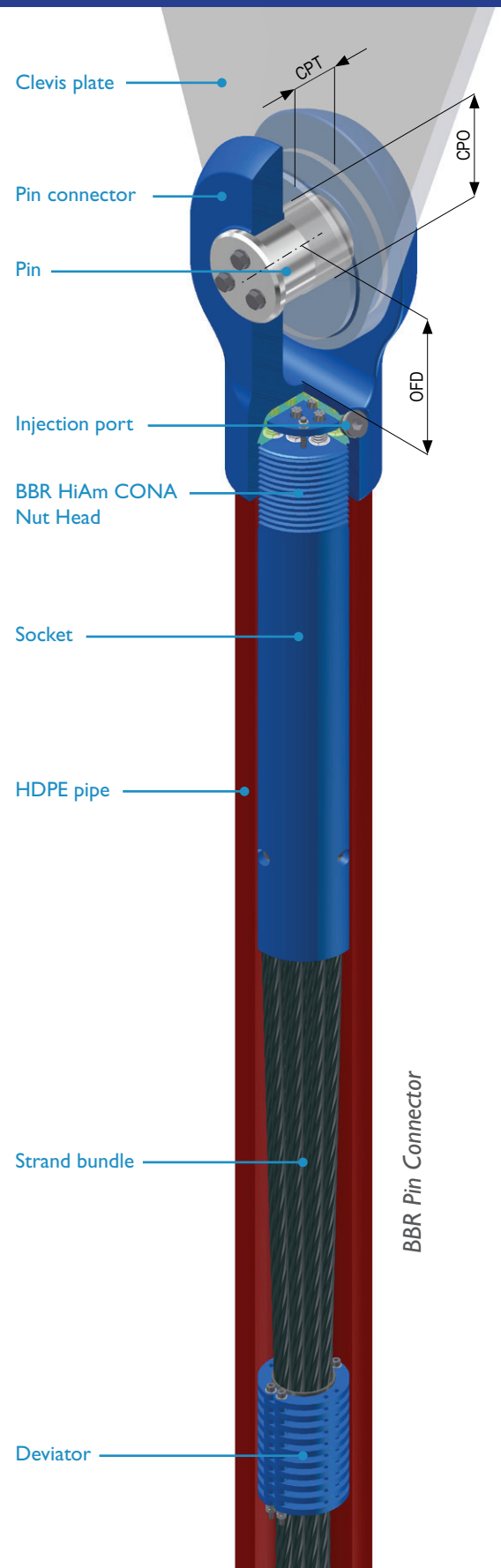


# BBR Pin Connector

## Stay Cable Connector System



The BBR® HiAm CONA 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 a beneficial solution for stay cable structures where it is necessary to simplify the end connection detail or to have a certain rotational capability along a specific axis.



# BBR Pin Connector

## Stay Cable Connector System



### Features

- Aesthetically pleasing design suitable for architecturally sensitive applications
- Cable to pylon connection is simplified leading to a smaller pylon
- Bending effects due to service loads and wind actions are significantly reduced
- Construction tolerances and misalignments are mostly absorbed due to the connector's free rotational capability
- Stay cable installation either performed by initial preassembly on site and subsequent lifting into place or single strand installation
- Optional access window for in-situ wedge inspection
- The same fatigue resistance performance and advanced corrosion protection as used on the BBR HiAm CONA stay cable system
- Easy inspection and low maintenance



For further information download these brochures from our website.

### Technical specifications

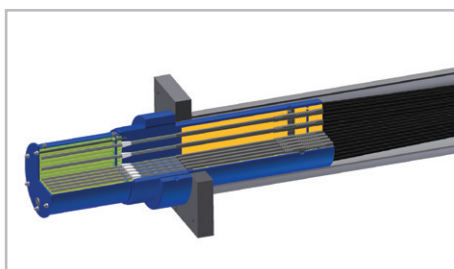
BBR HiAm CONA	Type		002 06	003 06	004 06	007 06	012 06	013 06	019 06	022 06	024 06	027 06
Pin Connector	Number of strands	n	2	3	4	7	12	13	19	22	24	27
	Breaking Strength	[kN]	558	837	1,116	1,953	3,348	3,627	5,301	6,138	6,696	7,533
Anchorage <sup>1</sup>	Opening Diameter	CPO [mm]	55	66	74	94	121	124	148	157	165	173
	Thickness	CPT [mm]	30	37	43	57	74	77	93	100	104	111
	Front Distance	OFD [mm]	112	131	147	186	238	244	291	308	340	340

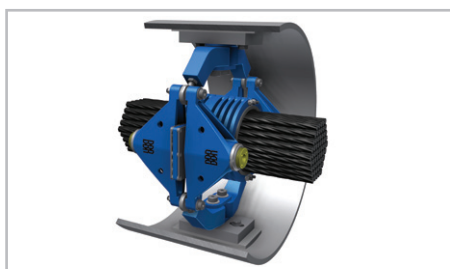
BBR HiAm CONA	Type		031 06	037 06	042 06	043 06	048 06	055 06	061 06	069 06	073 06
Pin Connector	Number of strands	n	31	37	42	43	48	55	61	69	73
	Breaking Strength	[kN]	8,649	10,323	11,718	11,997	13,392	15,345	17,019	19,251	20,367
Anchorage <sup>1</sup>	Opening Diameter	CPO [mm]	185	200	212	215	226	241	253	268	275
	Thickness	CPT [mm]	118	129	138	139	147	158	166	176	182
	Front Distance	OFD [mm]	362	392	415	421	442	472	495	524	538

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

### Compatible technologies



HiAm CONA Stay Cable



Square Damper & Viscous Damper



Standard & Compact stay pipe