

# Open Bridge Sockets type 804



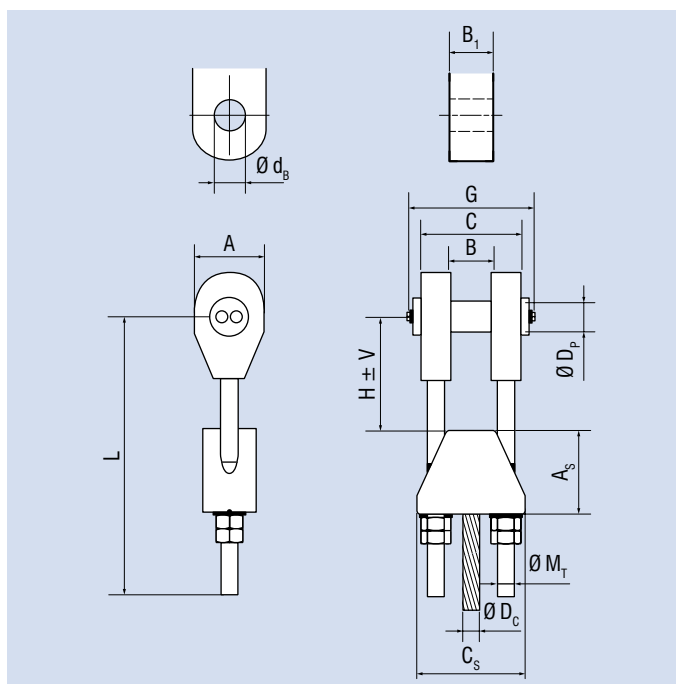
**European technical assessment:** Part of ETA-11/0160.

**Design:** Subject to technical modifications!

**Technical details:** Dimensions without corrosion protection!

Total weight without potting material.

Socketing according to technical approval ETA-11/0160



Size			PV 40	PV 60	PV 90	PV 115	PV 150	PV 195	PV 240	PV 300	PV 360
Total length	L	mm	525	579	624	725	725	781	825	981	1035
Take-up	V	mm	± 150	± 150	± 150	± 150	± 150	± 150	± 150	± 200	± 200
Total weight		kg	14.9	26.6	43.5	83.6	83.6	115.8	157.6	204.1	269.6

## Threaded Rods

Corrosion protection: Zink/Nickel-coated

Diameter outer thread	ØM <sub>T</sub>	mm	20	27	30	42	42	48	52	56	60
Pitch outer thread		mm	2.5	3	3.5	4.5	4.5	5	5	5.5	5.5

## Other Sockets

Corrosion protection: hot-dip galvanized

Height total	A <sub>s</sub>	mm	100	125	150	200	200	225	250	275	300
Width total	C <sub>s</sub>	mm	155	190	220	260	260	290	325	350	380

## Pins

Corrosion protection: hot-dip galvanized

Material: Produced in stainless steel: mechanical properties according to EN 10025-2, partial safety coefficient  $\gamma_{M1}=1,1$ ; produced in unalloyed steel: mechanical properties S355J2 according to EN 10025; partial safety coefficient  $\gamma_{M1}=1,0$

Pin length	G	mm	162	197	236	290	290	329	359	394	429
Pin diameter	ØD <sub>p</sub>	mm	39	44	54	67	67	75	83	93	106

## Connection Plate

Material: S355

Diameter drilled hole	Ød <sub>b</sub>	mm	42	47	57	70	70	78	86	96	109
Reinforcing plate thickness	B <sub>1</sub>	mm	60	70	80	90	90	115	125	145	155

## Spade End

Corrosion protection: hot-dip galvanized

Dimension	A	mm	94	110	127	148	148	165	200	215	235
Dimension	B	mm	65	75	85	95	95	120	130	150	160
Dimension	C	mm	125	155	185	235	235	260	290	310	340
Dimension	H	mm	230	250	265	295	295	315	325	395	415

## Full locked Cables

Nomin. strand diameter	Ø D <sub>c</sub>	mm	21	26	31	35	40	45	50	55	60
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Size			PV 420	PV 490	PV 560	PV 640	PV 720	PV 810	PV 910	PV 1010	
Total length	L	mm	1093	1147	1187	1342	1389	1437	1514	1566	
Take-up	V	mm	± 200	± 200	± 200	± 250	± 250	± 250	± 250	± 250	
Total weight		kg	355.8	449.4	522.3	663.7	790.1	969	1188.5	1357.2	

## Threaded Rods

Corrosion protection: Zink/Nickel-coated

Diameter outer thread	ØM <sub>T</sub>	mm	68	72	76	80	85	90	100	105	
Pitch outer thread		mm	6	6	6	6	6	6	6	6	

# Open Bridge Sockets type 804

Size			PV 420	PV 490	PV 560	PV 640	PV 720	PV 810	PV 910	PV 1010	
<b>Other Sockets</b>											
Corrosion protection: hot-dip galvanized											
Height total	A <sub>s</sub>	mm	325	350	375	400	425	450	475	500	
Width total	C <sub>s</sub>	mm	420	450	480	510	550	580	630	650	
<b>Pins</b>											
Corrosion protection: hot-dip galvanized											
Material: Produced in stainless steel: mechanical properties according to EN 10025-2, partial safety coefficient $\gamma_M=1,1$ ; produced in unalloyed steel: mechanical properties S355J2 according to EN 10025; partial safety coefficient $\gamma_M=1,0$											
Pin length	G	mm	476	506	541	588	618	658	708	743	
Pin diameter	ØD <sub>p</sub>	mm	115	124	133	142	151	168	179	188	
<b>Connection Plate</b>											
Material: S355											
Diameter drilled hole	Ød <sub>b</sub>	mm	118	127	136	145	154	171	182	191	
Reinforcing plate thickness	B <sub>1</sub>	mm	170	175	205	225	250	265	280	285	
<b>Spade End</b>											
Corrosion protection: hot-dip galvanized											
Dimension	A	mm	250	270	290	310	330	365	385	405	
Dimension	B	mm	175	180	210	230	255	270	285	290	
Dimension	C	mm	375	400	430	470	495	530	565	590	
Dimension	H	mm	435	455	470	540	555	570	600	620	
<b>Full locked Cables</b>											
Nomin. strand diameter	Ø D <sub>c</sub>	mm	65	70	75	80	85	90	95	100	