

# Closed Bridge Socket type 803



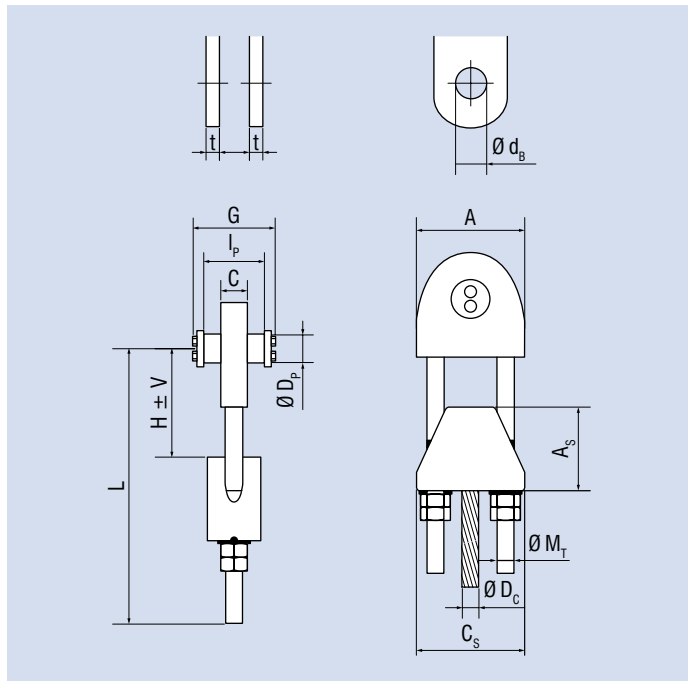
**European technical assessment:** Part of ETA-11/0160.

**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			40	60	90	115	150	195	240	PV 300	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
Min. screw-in length		mm	30	40	45	63	63	72	78	84	90
Total weight		kg	14.1	25.3	41.7	82.4	82.4	113.8	149.1	194.9	258.9

## Threaded Rods

Corrosion protection: Zink/Nickel-coated

Diameter outer thread	Ø M <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

## Connection Plate

Material: S355

Plate thickness	t	mm	15	20	25	35	35	35	40	40	45
Diameter drilled hole	Ø d <sub>b</sub>	mm	42	47	57	70	70	78	86	96	109

## Spade End

Corrosion protection: hot-dip galvanized

Dimension	A	mm	155	190	220	260	260	290	325	350	380
Dimension	C	mm	30	40	50	70	70	70	80	80	90
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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## Pins

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  $\gamma_M=1,0$

Length pin	G	mm	105	130	161	205	205	226	246	263	300
Length pin shank	L <sub>p</sub>	mm	71	91	113	153	153	160	180	182	202
Outer diameter	Ø D <sub>p</sub>	mm	39	44	54	67	67	75	83	93	106

Size			420	490	560	640	720	810	910	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	
Min. screw-in length		mm	102	108	113	120	128	135	150	158	
Total weight		kg	343.6	433	499.3	633.3	755.9	912.1	1133.9	1285.9	

## Threaded Rods

Corrosion protection: Zink/Nickel-coated

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Size			420	490	560	640	720	810	910	1010	
Diameter outer thread	$\varnothing M_r$	mm	68	72	76	80	85	90	100	105	
Pitch outer thread		mm	6	6	6	6	6	6	6	6	
<b>Other Sockets</b>											
Corrosion protection: hot-dip galvanized											
Height total	$A_s$	mm	325	350	375	400	425	450	475	500	
Width total	$C_s$	mm	420	450	480	510	550	580	630	650	
<b>Connection Plate</b>											
Material: S355											
Plate thickness	t	mm	50	55	55	60	60	65	70	75	
Diameter drilled hole	$\varnothing d_b$	mm	118	127	136	145	154	171	182	191	
<b>Spade End</b>											
Corrosion protection: hot-dip galvanized											
Dimension	A	mm	420	450	480	510	550	580	630	650	
Dimension	C	mm	100	110	110	120	120	130	140	150	
Dimension	H	mm	435	455	470	540	555	570	600	620	
<b>Full locked Cables</b>											
Nomin. strand diameter	$\varnothing D_c$	mm	65	70	75	80	85	90	95	100	
<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 $\gamma_M = 1,0$											
Length pin	G	mm	322	352	354	381	393	423	455	485	
Length pin shank	$L_p$	mm	224	244	246	266	268	288	310	310	
Outer diameter	$\varnothing D_p$	mm	115	124	133	142	151	168	179	188	