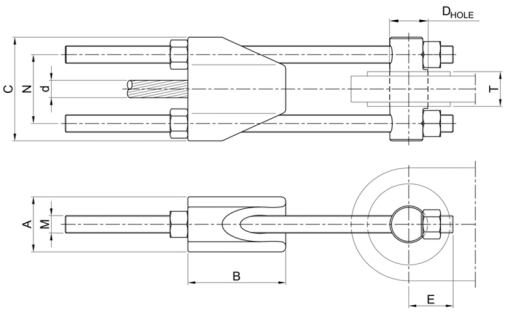
HIGH STRENGTH STEEL ADJUSTABLE BRIDGE SOCKET **BRC**



PRODUCT CODE	d_{max} (mm)	N_{uk} (1) (kN)	N_{Rd} (2) (kN)	A (mm)	B (mm)	C (mm)	D_{HOLE} (mm)	E (mm)	M (mm)	N (mm)	T_{min} (mm)	T_{max} (mm)	Adj. (mm)	Mass (kg)
BRC 12	15	160	107	40	66	80	32	37	16 x 2	56	16	22	± 150	3,5
BRC 16	19	280	187	55	88	104	38	45	20 x 3	72	24	30	± 150	7,0
BRC 20	24	440	293	65	110	126	47	55	24 x 3	86	30	37	± 150	11
BRC 24	28	620	413	80	132	150	56	65	27 x 3	102	38	45	± 150	18
BRC 28	32	850	567	90	154	174	66	78	33 x 4	118	50	56	± 150	27
BRC 32	36	1150	767	105	176	198	72	85	36 x 3	134	55	60	± 200	39
BRC 36	40	1400	933	120	198	220	80	94	39 x 3	148	65	70	± 200	50
BRC 40	44	1750	1167	130	220	242	91	104	42 x 3	162	70	75	± 200	70
BRC 44	48	2100	1400	140	242	268	97	114	48 x 3	180	80	85	± 200	92
BRC 48	52	2500	1667	150	264	292	107	125	52 x 3	196	90	95	± 200	114
BRC 52	56	2950	1967	170	286	316	117	136	56 x 4	212	95	105	± 200	139
BRC 56	60	3400	2267	180	308	338	122	144	60 x 4	226	105	110	± 200	164
BRC 60	64	3900	2600	190	330	358	131	150	60 x 4	238	115	120	± 200	181
BRC 64	68	4500	3000	200	352	384	141	165	68 x 4	256	125	130	± 250	228
BRC 68	72	5000	3333	220	374	408	151	176	72 x 4	272	130	135	± 250	270
BRC 72	76	5600	3733	230	396	434	157	184	76 x 4	290	140	145	± 250	310
BRC 76	80	6300	4200	240	418	456	171	198	80 x 4	304	150	155	± 250	359
BRC 80	84	7000	4667	250	440	480	182	210	85 x 4	320	155	165	± 250	496
BRC 84	88	7700	5133	270	462	504	191	221	90 x 6	336	165	170	± 250	561
BRC 88	92	8500	5667	280	484	530	202	233	95 x 6	354	175	180	± 250	638
BRC 92	96	9300	6200	290	506	560	212	251	105 x 6	376	185	190	± 250	761
BRC 96	100	10100	6733	300	528	584	222	263	110 x 6	392	190	200	± 250	852
BRC 100	104	10900	7267	310	550	608	232	274	115 x 6	408	195	205	± 300	949
BRC 104	108	11800	7867	330	572	632	242	286	120 x 6	424	205	215	± 300	1063
BRC 108	112	12700	8467	340	594	652	252	293	120 x 6	436	210	225	± 300	1125
BRC 112	116	13900	9267	350	616	682	272	317	130 x 6	458	215	230	± 300	1314
BRC 116	120	14900	9933	360	638	702	282	324	130 x 6	470	225	240	± 300	1387
BRC 120	124	15900	10600	380	660	726	292	336	135 x 6	486	230	250	± 300	1533
BRC 124	128	17000	11333	390	682	750	303	348	140 x 6	502	240	255	± 300	1674
BRC 128	132	18100	12067	400	704	774	313	360	145 x 6	518	250	265	± 300	1822
BRC 132	136	19200	12800	410	726	800	323	372	150 x 6	536	255	270	± 300	1981
BRC 136	140	20400	13600	430	748	830	333	389	160 x 6	558	265	280	± 300	2232
BRC 140	144	21600	14400	440	770	858	343	406	170 x 6	578	270	290	± 300	2479
BRC 144	148	22900	15267	450	792	890	353	423	180 x 6	602	280	300	± 300	2749
BRC 148	152	24300	16200	460	814	914	363	435	185 x 6	618	290	310	± 300	2948
BRC 152	156	25600	17067	480	836	938	373	446	190 x 6	634	300	320	± 300	3178
BRC 156	160	26900	17933	490	858	962	383	458	195 x 6	650	310	330	± 300	3398

d_{max} Max Strand Diameter

N_{uk} Characteristic Breaking Strength

N_{Rd} Design Resistance

D_{HOLE} Hole Diameter

Adj. Adjustment

(1) Characteristic Breaking Strength $F_{uk} = N_{uk}$ (2) Design Resistance $F_{Rd} = (F_{uk} / 1.5) / \gamma_R$ $F_{Rd} = N_{Rd}$

For European Standard EN 1993-1-11: $\gamma_R = 1.0$

Upon request, we can suggest the effective diameter and the breaking strength of the cable for the specific project.