

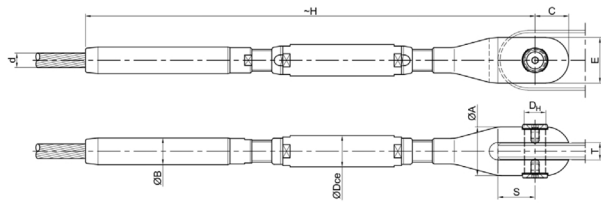
HIGH STRENGTH STEEL

TURNBUCKLE  
S355J2

TBC



PRODUCT CODE	$N_{ik}^{(1)}$ (kN)	$N_{Rd}^{(2)}$ (kN)	$d_{max}$ (mm)	$\varnothing A$ (mm)	-H (mm)	C (mm)	E (mm)	$D_{H1}$ (mm)	Dce (mm)	B (mm)	S (mm)	T (mm)	Adj. (mm)
TBC 6	34	20	6	25	220	16	23	10	19	12	16	8	± 20
TBC 8	60	36	8	32	284	21	30	13	24	15	21	10	± 25
TBC 10	94	56	10	38	347	25	35	15	29	18	25	12	± 30
TBC 12	135	81	12	47	414	31	44	19	35	23	31	15	± 35
TBC 14	184	110	14	51	475	35	48	21	39	30	36	15	± 40
TBC 16	240	144	16	60	538	41	57	25	45	30	42	18	± 45
TBC 18	304	182	18	69	599	46	65	28	50	37	45	22	± 50
TBC 20	380	228	20	74	662	50	70	30	54	37	51	22	± 55
TBC 22	460	276	22	81	739	55	76	33	59	40	56	25	± 65
TBC 24	545	327	24	87	800	59	83	36	64	47	62	25	± 70
TBC 26	640	384	26	92	862	63	88	38	69	47	68	25	± 75
TBC 28	745	447	28	103	938	69	98	41	78	53	71	30	± 80
TBC 30	856	514	30	109	1005	75	104	45	84	61	79	30	± 85
TBC 32	970	582	32	116	1069	79	111	48	90	61	83	32	± 90
TBC 34	1096	658	34	124	1135	85	118	51	96	67	88	35	± 95
TBC 36	1230	738	36	132	1187	90	126	54	98	67	93	37	± 100
TBC 38	1371	823	38	139	1250	94	133	56	104	74	96	40	± 105
TBC 40	1520	912	40	144	1318	98	138	59	110	74	104	40	± 110
TBC 42	1676	1006	42	154	1388	106	148	64	116	80	111	42	± 115



$d_{max}$

Max Strand Diameter

$N_{ik}$

Characteristic Breaking Strength

$N_{Rd}$

Design Resistance

Adj.

Adjustment

(1) Characteristic Breaking Strength  $F_{ik} = N_{ik}$  (2) Design Resistance  $F_{Rd} = (F_{ik} / 1.5) / \gamma_R$   $F_{Rd} = N_{Rd}$   
For European Standard EN 1993-1-1:  $\gamma_R = 1.0$

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