

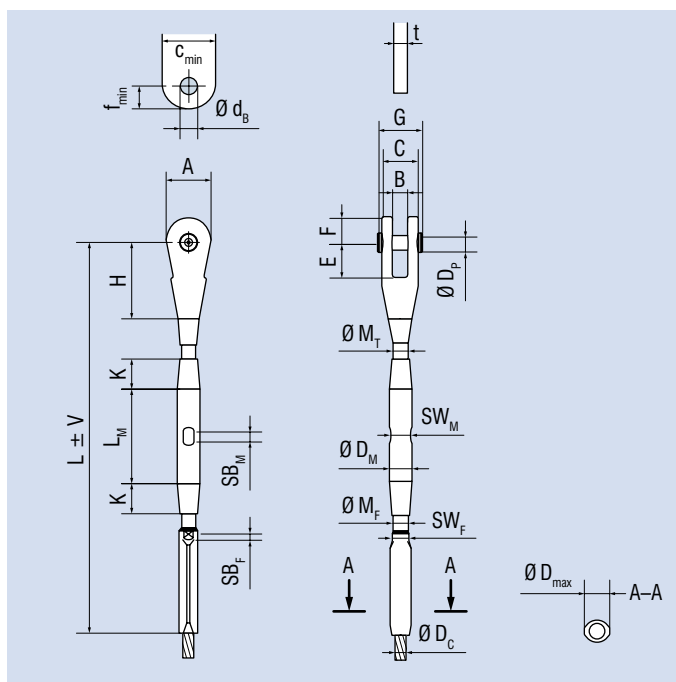
## Turnbuckle with Open Socket type 624

new

**Installation:** Please note installation manual!

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

Length  $L \pm V$  after swaging



Size			008	010	012	014	016	020	024	027	030	036	042	048
Total length	L	mm	217	268	319	380	423	531	632	709.5	792	941	1095	1246
Take-up	V	mm	± 18	± 22	± 26	± 30	± 34	± 42	± 50	± 56	± 64	± 76	± 88	± 100
Min. screw-in length		mm	9	11	13	15	17	21	25	28	32	38	44	50
Total weight		kg	0.2	0.4	0.7	1.1	1.6	3.2	5.2	7.5	10.4	16.7	25.8	37.9

### Threaded Rods

Corrosion protection: spray-galvanized

Material: structural grade carbon steel

Diameter outer thread	ØM <sub>r</sub>	mm	8	10	12	14	16	20	24	27	30	36	42	48
Length outer thread	L <sub>r</sub>	mm	44	53.5	63	75.5	83	104.5	124	137.5	155	183.5	214	244

### Locking Nut

Corrosion protection: hot-dip galvanized

Material: According to ETA-18/0878

Length	K	mm	17	21	25	31.5	33	42	50	55.5	62	73	86	98
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### Fork End

Corrosion protection: hot-dip galvanized

Material: According to ETA-18/0878

Dimension	A	mm	26	32	39	47	53	66	77	88	98	115	133	151
Dimension	B	mm	10	12	14	17	18	23	23.5	23.5	28.5	28.5	34	39
Dimension	C	mm	21	25.6	31	36	40	51	56.5	61.5	70.5	79.5	94	108
Dimension	E	mm	18.5	22.5	27.5	32	37	45	54	60	65	76	86	96
Dimension	F	mm	14.5	17.5	21.5	26	29	35	42	48	53	62	72	82
Dimension	H	mm	40.5	50	60.5	73	80	100	120	134	147	174	201	227

### Pins

Corrosion protection: hot-dip galvanized / spray-galvanized

Material: According to ETA-18/0878

Pin length	G	mm	29	34.5	40.5	45.5	52	65	70.5	78	90	99	116	130
Pin diameter	ØD <sub>p</sub>	mm	8	10	12	14	16	20	24	27	30	36	42	48

### Connection Plate

Material: S355

Min. width	c <sub>min</sub>	mm	27	33	40	48	54	66	84	105	106	145	166	187
Min. width quasi-static loads	c <sub>min</sub>	mm	25	31	38	45	53	66	78	88	98	115	135	153
Plate thickness	t	mm	8	10	12	15	15	20	20	20	25	25	30	35
Diameter drilled hole	Ød <sub>b</sub>	mm	9	11	13.5	16	18	22	26	30	33	39	45	51
Edge distance	f <sub>min</sub>	mm	14.5	17.5	21.5	26	29	35	42	48	53	62	72	82

### Coupler

Corrosion protection: hot-dip galvanized

Material: According to ETA-18/0878

## Turnbuckle with Open Socket type 624

Size			008	010	012	014	016	020	024	027	030	036	042	048
Length	$L_M$	mm	56	68	80	92	104	129	153	171	196	232	269	306
Outer diameter	$\varnothing D_M$	mm	12	15	18	21	24	30	36	40.5	45	54	63	72
Spanner flat width	$SB_M$	mm	12	12	12	12	16	16	16	16	20	20	20	20
Wrench size	$SW_M$	mm	11	13	16	19	22	27	32	36	40	49	57	65
<b>Fittings</b>														
Corrosion protection: spray-galvanized, thread bright														
Material: structural grade carbon steel														
Diameter outer thread	$\varnothing M_F$	mm	8	10	12	14	16	20	24	27	30	36	42	48
Spanner flat width	$SB_F$	mm	2.5	4	5	6	7.5	10	11.5	12	12	16	18	21
Wrench size	$SW_F$	mm	9	11	12	15	17	23	27	30	34	39	47	52
Max. diameter swaged part	$\varnothing D_{max}$	mm	13	15	16	20	22	30	34	39	44	50	59	66
<b>Tension Member</b>														
Nomin. strand diameter	$\varnothing D_c$	mm	5.5	7	8.4	9.9	11.5	14.5	17.4	19.8	21.9	26.4	30.9	35.4