

# Fire protection system

## STRAUB-GRIP-FIRE-FENCE

The original STRAUB fire protection system for applications where fire protection is required. The STRAUB FIRE-FENCE is the optimum solution for fire extinguishing equipment as well as for various systems with increased fire protection requirements such as in civil engineering (tunnels), for shipyards for seagoing vessels with various requirements and other applications. The STRAUB-FIRE-FENCE system is based on the standard types of the STRAUB-GRIP and STRAUB-FLEX series. In addition, an intumescent plastic is firmly bonded to the outside of the casing. In the event of fire, this swells and encloses the pipe coupling in a protective manner - while retaining full functionality.



### GRIP-FIRE-FENCE ø 25.0 - 48.3 mm

adMm	Clamping range [mm]	PN industry [bar]	PN shipbuilding [bar]	B [mm]	DV [mm]	C (mm)	X [mm]	R without strip insert [mm]	R with strip insert [mm]	Torque rate [Nm]	Allen head [mm]	Thread metric
25	24.5 - 25.5	64	16	54 / 78	51	18	58	5	5 - 10	10	6	8
26.9	26.4 - 27.4	58	16	54 / 78	54	18	61	5	5 - 10	10	6	8
28	27.5 - 28.5	50	16	54 / 78	55	18	62	5	5 - 10	10	6	8
30	29.5 - 30.5	42	16	54 / 78	57	18	65	5	5 - 10	10	6	8
33.7	33.2 - 34.2	39	16	54 / 78	61	18	70	5	5 - 10	10	6	8
35	34.5 - 35.5	37	16	54 / 78	62	18	71	5	5 - 10	12	6	8
38	37.5 - 38.5	36	16	54 / 78	65	18	74	5	5 - 10	12	6	8
40	39.5 - 40.5	35	16	54 / 78	67	18	76	5	5 - 10	12	6	8
42.4	41.9 - 42.9	33	16	54 / 78	70	18	79	5	5 - 10	12	6	8
44.5	44.0 - 45.0	30	16	54 / 78	72	18	81	5	5 - 10	12	6	8
48.3	47.8 - 48.8	28	16	54 / 78	75	18	86	5	5 - 10	12	6	8

### GRIP-FIRE-FENCE ø 54.0 - 168.3 mm

# Fire protection system

## STRAUB-GRIP-FIRE-FENCE

adMm	Clamping range [mm]	PN industry [bar]	PN shipbuilding [bar]	B [mm]	DV [mm]	C (mm)	X [mm]	R without strip insert [mm]	R with strip insert [mm]	Torque rate [Nm]	Allen head [mm]	Thread metric
54	53.5 - 54.5	24	16	71	81	24	92	5	5 - 15	15	6	8
57	56.4 - 57.6	23	16	71	84	24	95	5	5 - 15	15	6	8
60.3	59.7 - 60.9	23	16	71	87	24	98	5	5 - 15	15	6	8
63	62.4 - 63.6	23	16	71	90	24	101	5	5 - 15	15	6	8
66.6	64.9 - 67.3	22	16	71	94	24	105	5	5 - 15	15	6	8
70	68.9 - 70.7	22	16	71	97	24	109	5	5 - 15	15	6	8
73	72.3 - 73.7	21	16	71	100	24	112	5	5 - 15	15	6	8
76.1	75.3 - 76.9	35	16	106	110	40	127	5 - 10	5 - 25	20	8	10
79.5	78.7 - 80.3	32	16	106	113	40	130	5 - 10	5 - 25	20	8	10
84	83.2 - 84.8	29	16	106	117	40	135	5 - 10	5 - 25	20	8	10
88.9	88.0 - 89.8	26	16	106	122	40	139	5 - 10	5 - 25	20	8	10
95	94.0 - 96.0	24	16	106	127	40	144	5 - 10	5 - 25	25	8	10
98	97.0 - 99.0	24	16	106	131	40	148	5 - 10	5 - 25	25	8	10
100.6	99.6 - 101.6	23	16	106	134	40	151	5 - 10	5 - 25	25	8	10
101.6	100.6 - 102.6	23	16	106	135	40	151	5 - 10	5 - 25	25	8	10
104	103.0 - 105.0	23	16	106	137	40	153	5 - 10	5 - 25	25	8	10
104.8	103.8 - 105.8	23	16	106	138	40	155	5 - 10	5 - 25	25	8	10
108	106.9 - 109.1	22	16	106	142	40	159	5 - 10	5 - 25	25	8	10
114.3	113.2 - 115.4	22	16	106	148	40	165	5 - 10	5 - 25	25	8	10
118	116.9 - 119.1	22	16	106	152	40	171	5 - 10	5 - 25	25	8	10
125	123.7 - 126.3	21	16	121	162	53	179	5 - 10	5 - 30	40	10	12
127	125.7 - 128.3	21	16	121	164	53	181	5 - 10	5 - 30	40	10	12
129	127.7 - 130.3	21	16	121	166	53	183	5 - 10	5 - 30	40	10	12
130.2	128.9 - 131.5	21	16	121	167	53	184	5 - 10	5 - 30	40	10	12
133	131.7 - 134.3	21	16	121	170	53	187	5 - 10	5 - 30	40	10	12
139.7	138.3 - 141.1	20	16	121	176	53	194	5 - 10	5 - 30	40	10	12
141.3	139.9 - 142.7	20	16	121	178	53	195	5 - 10	5 - 30	40	10	12
144	142.6 - 145.4	20	16	121	181	53	188	5 - 10	5 - 30	50	10	12
154	152.5 - 155.5	18	16	121	191	53	208	5 - 10	5 - 30	50	10	12
159	157.4 - 160.6	18	16	121	196	53	213	5 - 10	5 - 30	50	10	12
165	163.4 - 166.6	16	16	121	202	53	219	5 - 10	5 - 30	50	10	12
168.3	166.6 - 170.0	16	16	121	205	53	222	5 - 10	5 - 30	50	10	12