

# STRAUB-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.



## METAL-GRIP-FIRE-FENCE $\varnothing$ 30.0 - 219.1 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
30	29.5 - 30.5	67	16	46/67	57	18	61	5	5	10	6	8
33.7	33.2 - 34.2	62	16	46/67	62	18	68	5	5	10	6	8
38	37.5 - 38.5	58	16	71	68	19	78	5	5 - 10	15	6	8
42.4	41.9 - 42.9	53	16	71	72	20	81	5	5 - 10	15	6	8
44.5	44.0 - 45.0	48	16	71	74	20	85	5	5 - 10	15	6	8
48.3	47.8 - 48.8	44	16	71	78	20	88	5	5 - 10	15	6	8
54	53.5 - 54.5	39	16	87	84	38	94	5	5 - 15	15	6	8
57	56.4 - 57.6	37	16	87	87	32	97	5 - 10	5 - 25	15	6	8
60.3	59.7 - 60.9	37	16	87	92	32	100	5 - 10	5 - 25	15	6	8
63.5	62.9 - 64.1	37	16	87	94	32	103	5 - 10	5 - 25	15	6	8
76.1	75.3 - 76.9	56	16	110	110	39	122	5 - 10	5 - 25	35	8	10
84	83.2 - 84.8	45	16	110	122	39	128	5 - 10	5 - 25	35	8	10
88.9	88.0 - 89.8	41	16	110	127	39	128	5 - 10	5 - 25	35	8	10
104	103.0 - 105.0	37	16	110	143	39	156	5 - 10	5 - 25	35	8	10
108	106.9 - 109.1	35	16	110	143	39	156	5 - 10	5 - 25	35	8	10
114.3	113.2 - 115.4	34	16	110	149	39	162	5 - 10	5 - 25	35	8	10
129	127.7 - 130.3	33	16	124	170	43	187	5 - 15	5 - 25	60	10	12
133	131.7 - 134.3	33	16	125	170	43	187	5 - 15	5 - 25	60	10	12
139.7	138.3 - 141.1	32	16	125	178	43	196	5 - 15	5 - 25	60	10	12
154	152.5 - 155.5	32	16	125	196	51	215	5 - 15	5 - 25	60	10	12

# STRAUB-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
159	157.4 - 160.6	31	16	125	197	43	215	5 - 15	5 - 25	60	10	12
168.3	166.6 - 170.0	29	16	125	210	43	225	5 - 15	5 - 25	60	10	12
219.1	216.9 - 221.3	26	16	166	269	60	293	5 - 15	5 - 35	100	14	16

## METAL-GRIP-FIRE-FENCE ø 244.5 - 457.2 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
244.5	242.0 - 247.0	27	14	164	300	67	335	5 - 15	5 - 35	180	17	20
267	264.5 - 269.5	24	12	164	322	67	357	5 - 15	5 - 35	180	17	20
273	270.5 - 275.5	21	12	164	328	67	364	5 - 15	5 - 35	180	17	20
323.9	320.5 - 327.0	18	10	164	379	67	416	5 - 15	5 - 35	230	17	20
355.6	352.0 - 359.0	17	8	164	411	67	449	5 - 15	5 - 35	230	17	20
406.4	402.5 - 410.5	14	8	164	461	67	499	5 - 15	5 - 35	230	17	20
457.2	452.5 - 462.0	8	6	164	512	67	551	5 - 15	5 - 35	250	17	20

## 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

# STRAUB-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
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

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

# STRAUB-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
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

## GRIP-L-FIRE-FENCE ø 180.0 - 406.4 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
180	178.0 - 182.0	16	10	158	260	80	238	5 - 10	5 - 35	50	10	12
193.7	192.0 - 195.5	16	10	158	275	80	248	5 - 10	5 - 35	50	10	12
200	198.0 - 202.0	15	10	158	280	80	254	5 - 10	5 - 35	50	10	12
204	202.0 - 206.0	14	10	158	285	80	258	5 - 10	5 - 35	50	10	12
206	204.0 - 208.0	14	5.5	158	234	80	258	5 - 10	5 - 35	50	10	12
219.1	216.9 - 221.3	16	10	142	250	80	274	5 - 10	5 - 30	60	10	12
244.5	242.0 - 247.0	9	5.5	158	325	80	299	5 - 10	5 - 35	50	10	12
250	247.5 - 252.5	9	5.5	158	330	80	304	5 - 10	5 - 35	50	10	12
254	251.5 - 256.5	9	5.5	158	330	80	308	5 - 10	5 - 35	50	10	12
256	253.5 - 258.5	9	5.5	158	284	80	308	5 - 10	5 - 35	50	10	12
267	264.5 - 269.5	8	5	158	345	80	321	5 - 10	5 - 35	50	10	12
273	270.5 - 275.5	7	4	158	350	80	327	5 - 10	5 - 35	60	10	12
306	303.0 - 309.0	6	3	158	334	80	358	5 - 10	5 - 35	60	10	12
323.9	320.5 - 327.0	5	3	158	400	80	378	5 - 10	5 - 35	60	10	12
355.6	352.0 - 359.0	10	2.5	158	430	67	410	5 - 10	5 - 35	90	14	16
406.4	402.5 - 410.5	7	2	158	475	67	460	5 - 10	5 - 35	100	14	16

## OPEN-FLEX-FIRE-FENCE 3 ø 219.1 - 406.4 mm

adMm	Clamping range [mm]	PN industry [bar]	B [mm]	DV [mm]	C (mm)	R without strip insert [mm]	R with strip insert [mm]	Torque rate [Nm]				
219.1	216 - 222	511	-	235	285	127	-	15	40	60	-	-
250	247 - 253	511	-	235	316	127	-	15	40	60	-	-
267	264 - 270	511	-	235	333	127	-	15	40	60	-	-
273	270 - 276	6	-	235	339	127	-	15	40	60	-	-
304	301 - 307	5	-	235	370	127	-	15	40	60	-	-

# STRAUB-FIRE-FENCE

adMm	Clamping range [mm]	PN industry [bar]	B [mm]	DV [mm]	C (mm)	R without strip insert [mm]	R with strip insert [mm]	Torque rate [Nm]				
323.9	321 - 327	5	-	235	393	127	-	15	40	60	-	-
406.4	403 - 409	5	-	235	475	127	-	15	40	60	-	-

## OPEN-FLEX-FIRE-FENCE 4 ø 323.9 - 508.0 mm

adMm	Clamping range [mm]	PN industry [bar]	B [mm]	DV [mm]	C (mm)	R without strip insert [mm]	R with strip insert [mm]	Torque rate [Nm]				
323.9	320 - 327	6	-	472	399	350	-	20	200	40	-	-
355.6	352 - 359	6	-	472	431	350	-	20	200	40	-	-
406.4	403 - 409	6	-	472	481	350	-	20	200	40	-	-
457.2	454 - 460	6	-	472	532	350	-	20	200	40	-	-
508	505 - 512	6	-	472	583	350	-	20	200	40	-	-
558.8	555 - 562	6	-	472	634	350	-	20	200	40	-	-
609.6	606 - 613	6	-	472	685	350	-	20	200	40	-	-
655	652 - 658	6	-	472	730	350	-	20	200	40	-	-
711.2	707 - 715	6	-	472	786	350	-	20	200	40	-	-
762	758 - 766	6	-	472	837	350	-	20	200	40	-	-
812.8	809 - 817	6	-	472	888	350	-	20	200	50	-	-