

# Non-axial restraint pipe coupling

## STRAUB-FLEX-1

All pipe materials can be reliably connected with STRAUB-FLEX couplings. STRAUB-FLEX pipe couplings enable pipe connections for practically all conceivable pipe diameters, for the same or different types of pipe materials, various media and temperatures as well as for a wide range of the operating pressure values. The sealing sleeve separates the coupling casing from the pipe surface so that sound, vibrations and oscillations are optimally damped.



### FLEX 1 ø 48.3 - 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]
48.3	47.0 - 50.0	25	16	75	70	35	83	5	42125	7.5
54	52.5 - 55.5	25	16	75	76	35	88	5	42125	7.5
57	55.5 - 58.5	25	16	75	79	35	94	5	42125	7.5
60.3	59.0 - 63.0	25	16	75	82	35	95	5	42125	7.5
70	69.5 - 71.0	25	16	94	95	51	112	5	45778	7.5
73	71.5 - 75.0	25	16	94	95	51	112	5	45778	7.5
76.1	74.5 - 77.5	25	16	94	98	51	119	5	45778	7.5
80	79.5 - 81.5	25	16	94	106	51	127	5	45778	7.5
84	82.5 - 85.5	25	16	94	106	51	127	5	45778	7.5
88.9	87.5 - 90.5	25	16	94	111	51	132	5	45778	7.5
100.6	99.0 - 102.5	25	16	94	123	51	145	5	45778	7.5
101.6	100.0 - 103.5	25	16	94	124	51	145	5	45778	7.5
104	102.5 - 105.5	20	16	94	126	51	146	5	45778	7.5
104.8	103.0 - 106.5	20	16	94	127	51	146	5	45778	7.5
108	106.5 - 110.0	20	16	94	130	51	151	5	45778	7.5

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114.3	112.5 - 116.0	20	16	94	136	51	160	5	45778	7.5
127	125.0 - 129.0	20	16	107	149	62	168	5	12905	10
129	127.0 - 131.0	20	16	107	151	62	170	5	12905	10
130.2	128.5 - 132.0	20	16	107	152	62	170	5	12905	10
133	131.0 - 135.0	16	16	107	155	62	174	5	12905	10
139.7	138.0 - 141.5	16	16	107	162	62	180	5	12905	10
141.3	139.5 - 143.0	16	16	107	163	62	182	5	12905	10
154	152.0 - 156.0	16	16	107	176	62	198	5	12905	10
159	157.0 - 161.0	16	16	107	181	62	203	5	12905	10
168.3	166.0 - 170.5	16	16	107	190	62	212	5	12905	10