

# Non-axial restraint pipe coupling

## STRAUB-REP-FLEX

The coupling for the reliably repairing of laterally broken pipes, cracks and the leakage of pipes caused by corrosion. The STRAUB-REP-FLEX is intended to be used for the fast and reliably repairing of broken pipes and the leakage of water/drinking water pipes, as well as gas- and oilpipes caused by corrosion. The proven STRAUB sealing lip system provides dependable and durable application on pipes of various materials such as steel, cast iron, ductile cast iron, fibre cement, PVC or PE. In addition, two different materials of the same DN can be connected using STRAUB-REP-FLEX.



### REP-FLEX DN 40 - DN 150 | Overall Length 200 and 300 mm

DN	Clamping range [mm]	Overall length [mm]	PN [bar]	Torque rate [Nm]	C (mm)	Cast iron [mm]	Old cast iron [mm]	Steel [mm]	PE [mm]	Allen head [mm]	Thread metric
40	46 - 53	200	16	10	142	-	51 - 53	46.0 - 49.0	50	17	10
40	53 - 60	200	16	10	142	56	-	-	-	17	10
50	56 - 64	200	16	10	142	-	62 - 64	56.0 - 61.0	63	17	10
50 / 60	63 - 71	200	16	10	142	66	-	70.0 - 71.0	-	17	10
60 / 65	72 - 80	200	16	10	142	77	72 - 74	72.0 - 76.1	75	17	10
65 / 70	76 - 83	200	16	10	142	82	-	77.0 - 79.0	-	17	10
70	82 - 89	200	16	10	142	87	83 - 85	-	-	17	10
80	88 - 98	200	16	10	142	98	94 - 96	88.0 - 89.0	90	17	10
90	97 - 108	200	16	10	142	108	104 - 108	97.0 - 102.0	-	17	10
100	108 - 118	200 / 300	16	10	142 / 245	118	114 - 116	107.0 - 114.3	110/125	17	10
100	120 - 130	200 / 300	16	10	142 / 245	-	123 - 125	-	-	17	10
100 / 125	128 - 138	200 / 300	16	10	142 / 245	-	134 - 137	132.0 - 134.0	-	17	10

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DN	Clamping range [mm]	Overall length [mm]	PN [bar]	Torque rate [Nm]	C (mm)	Cast iron [mm]	Old cast iron [mm]	Steel [mm]	PE [mm]	Allen head [mm]	Thread metric
125	139 - 149	200 / 300	16	10	142 / 245	144	140 - 143	139.7	140	17	10
135 / 150	150 - 160	200 / 300	16	10	142 / 245	-	150 - 153	157.0 - 160.0	160	17	10

### REP-FLEX DN 150 - DN 400 | Overall Length 300 mm

DN	Clamping range [mm]	Overall length [mm]	PN [bar]	Torque rate [Nm]	C (mm)	Cast iron [mm]	Old cast iron [mm]	Steel [mm]	PE [mm]	Allen head [mm]	Thread metric
150	159 - 170	300	16	20	212	170	166 - 169	168.3	160	19	12
165	175 - 185	300	16	20	212	-	180 - 184	-	-	19	12
175	186 - 196	300	16	20	212	196	191 - 194	183.0 - 191.0	-	19	12
175 / 180	196 - 206	300	16	20	212	-	198 - 200	-	200	19	12
190 / 200	206 - 216	300	16	20	212	-	208 - 211	211.0 - 216.0	-	19	12
200	216 - 226	300	16	20	212	222	218 - 222	219.1	225	19	12
225	241 - 251	300	16	20	212	248	244 - 247	241.0	250	19	12
250	264 - 274	300	16	20	212	274	268 - 273	264.0 - 273.0	-	19	12
250	274 - 284	300	16	20	212	-	-	-	280	19	12
300	315 - 325	300	10	20	212	324	322 - 325	316.0 - 323.9	315	19	12
350	355 - 365	300	10	20	212	-	-	355.6	355	19	12
350	368 - 379	300	10	20	212	378	376 - 379	368.0	-	19	12
400	398 - 408	300	10	20	212	-	-	406.4	400	19	12
400	419 - 429	300	10	20	212	429	426 - 430	419.0	-	19	12