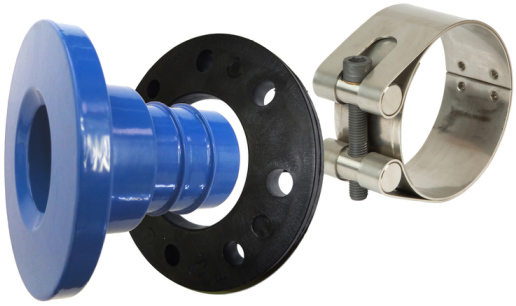
Axial restraint pipe coupling

STRAUB-PLAST-PRO

An axially restrained jointing system allowing a quick and simple installation of pressure pipes made of polyethylene (PE) in dimension SDR 11 (63.0 - 180.0 mm; PN 16) and SDR 17 (125.0 - 355.0 mm; PN 10). The full product range offers the great advantage that pipes can easily be connected without the need of external power supply and pipe end preparation, even under demanding external weather conditions. The product range of STRAUB-PLAST-PRO is combined from different liner inserts and external shells. By this versatile formed-parts-program PE-pipes can be connected easily and fast in every situation. The jointing concept allows the product to be assemled easily and is difficult to get wrong. STRAUB-PLAST-PRO offers an alternative to traditional jointing methods of PE used in water, waste water, industrial plants and maintenance applications.



STRAUB-PLAST-PRO Shells | Dimensions

DN	DV braced: DIN (mm)	DV braced: MVR (mm)	KV braced: DIN (mm)	KV braced: MVR (mm)	Y [mm]	Torque rate [Nm]	Allen head [mm]	Thread metric								
63	65	67	95	95	47.5	50	10	12	-	-	-	-	-	-	-	-
75	79	82	106	107	47.5	55	10	12	-	-	-	-	-	-	-	-
90	94	97	120	121	47.5	60	10	12	-	-	-	-	-	-	-	-
110	113	117	139	140	55	60	10	12	-	-	-	-	-	-	-	-
125	129	132	155	156	55	60 / 120	10 / 14	12 / 16	-	-	-	-	-	-	-	-
140	144	147	170	170	55	130	14	16	-	-	-	-	-	-	-	-
160	165	168	188	189	55	150	14	16	-	-	-	-	-	-	-	-
180	184	188	216	217	55	160	14	16	-	-	-	-	-	-	-	-
200	204	208	235	236	55	180	14	16	-	-	-	-	-	-	-	-
225	227	230	258	260	55	160	14	16	-	-	-	-	-	-	-	-
250	251	255	282	285	55	160	14	16	-	-	-	-	-	-	-	-
280	282	285	311	313	55	160	14	16	-	-	-	-	-	-	-	-
315	318	321	355	357	60 / 70	280	17	20	-	-	-	-	-	-	-	-
355	359	362	394	397	60 / 70	300	17	20	-	-	-	-	-	-	-	-

Pipe dimensions and tolerances

Axial restraint pipe coupling

STRAUB-PLAST-PRO

DN	OD min DIN (mm)	OD min MVR (mm)	OD max DIN (mm)	OD max MVR (mm)	Wall thickness min DIN (mm)	Wall thickness min. MVR (mm)	Wall thickness max DIN (mm)	Wall thickness max MVR (mm)	ID (mm)								
63	-	-	-	-	-	-	-	-	63	64	63.4	65.7	5.8	6.5	6.5	7.6	51
75	-	-	-	-	-	-	-	-	75	77	75.5	79	6.8	7.8	7.6	9.1	61
90	-	-	-	-	-	-	-	-	90	92	90.6	94	8.2	9.3	9.2	10.7	73
110	-	-	-	-	-	-	-	-	110	112	110.7	114	10	11.1	11.1	12.7	89
125	-	-	-	-	-	-	-	-	125	127	125.8	129	11.4	12.5	12.7	14.2	101
140	-	-	-	-	-	-	-	-	140	143	140.9	145	12.7	14	14.1	15.9	113
160	-	-	-	-	-	-	-	-	160	163	161	166	14.6	15.8	16.2	18	129
90	-	-	-	-	-	-	-	-	90	92	90.6	94	5.3	5.4	6.0	6.5	79
110	-	-	-	-	-	-	-	-	110	112	110.7	114	6.5	7.5	7.8	8.6	97
125	-	-	-	-	-	-	-	-	125	127	125.8	129	7.4	8.5	8.3	9.8	110
140	-	-	-	-	-	-	-	-	140	143	140.9	145	8.3	9.4	9.3	11.1	123
160	-	-	-	-	-	-	-	-	160	163	161	166	9.5	10.7	10.6	12.4	140
180	-	-	-	-	-	-	-	-	180	183	181.1	186	10.7	11.9	11.9	13.7	158
200	-	-	-	-	-	-	-	-	200	203	201.2	206	11.9	13.1	13.2	15	176
225	-	-	-	-	-	-	-	-	225	225	226.4	230	13.4	14.6	14.9	16.6	197
250	-	-	-	-	-	-	-	-	250	250	251.5	255	14.8	16	16.4	18.3	220
280	-	-	-	-	-	-	-	-	280	280	281.7	286	16.6	17.8	18.4	20.1	246
315	-	-	-	-	-	-	-	-	315	315	316.9	321	18.7	19.9	20.7	22.4	277
355	-	-	-	-	-	-	-	-	355	355	357.2	361	21.1	22.3	23.4	25.1	312

Liner Inserts

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-