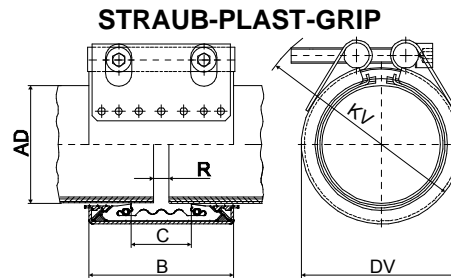


Data sheet STRAUB-PLAST-GRIP

Axial restraint pipe joint for plastic pipes

Materials	W1	W2	W4	W5
Components				
Casing		AISI 304	AISI 304	
Screws		AISI 4135*	AISI 316 / 316 L	
Bolts		AISI 12L 14, galvanized	AISI 304	
Anchoring ring		AISI 301	AISI 301	
Strip insert (option)		AISI 316 L / PA/GF	AISI 316 L / PA/GF	
Sealing sleeve EPDM	Temp.: -30°C up to +100°C Medium: all qualities of water, waste water, air, solids and chemical products			
Sealing sleeve NBR	Temp.: -20°C up to +80°C Medium: water, gas, oil, fuel and other hydrocarbons			
Chemical resistance of sealing sleeve on request.				



STRAUB-PLAST-GRIP (for plastic pipes)

Pipe AD (mm)	Clamping range (mm)	Nominal pressure PN (bar)	Dimensional data				Setting gap between pipe ends R_{max}		Locking bolts		
			B (mm)	C (mm)	DV (mm)	KV (mm)	without strip insert (mm)	with strip insert (mm)	torque rate (Nm)	allen head (mm)	thread M ...
40.0	39.0 - 40.5	16	61	19	60	90	5	15	15	6	8
50.0	49.0 - 50.5	16	61	26	70	100	5	15	15	6	8
63.0	62.0 - 64.0	16	76	32	85	115	10	20	20	6	8
75.0	74.0 - 76.0	16	94	39	99	130	10	25	35	8	10
90.0	89.0 - 91.0	16	94	39	118	145	10	25	35	8	10
110.0	109.0 - 111.0	16	94	39	135	160	10	25	35	8	10
114.3	113.0 - 115.0	16	94	39	139	165	10	25	35	8	10
125.0	124.0 - 126.0	16	108	43	152	185	15	30	60	10	12
140.0	139.0 - 142.0	16	109	43	168	200	15	30	60	10	12
160.0	159.0 - 162.0	16	109	43	188	215	15	30	60	10	12
180.0	179.0 - 182.0	10	141	80	205	255	15	35	70	10	12
200.0	199.0 - 202.0	7	141	80	230	275	15	35	70	10	12
225.0	224.0 - 227.0	6	141	80	255	300	15	35	70	10	12
250.0	249.0 - 252.0	5	141	80	280	325	15	35	70	10	12

Legend: - W1 - W5 according to DIN Standard 86128 (ASTM F 1476 / F1548, ISO/NP-15837 / 15838).

* Property class 12.9, Dacromet 500 (zinc-chromate with integrated lubricant).

Remarks:

- Follow fitting / disassembly instructions.
- For the installation of pipes made of polyethylene and other soft-thermoplastic materials use our stiffening rings **STRAUB PG**.
- Weight of the pipe joints see packing specifications.
- Strip insert are required when the gap between the pipe ends is excessive, in presence of swelling, at vacuum/depression (suction line), or external pressure. Strip inserts are available, under separate order, at additional costs.

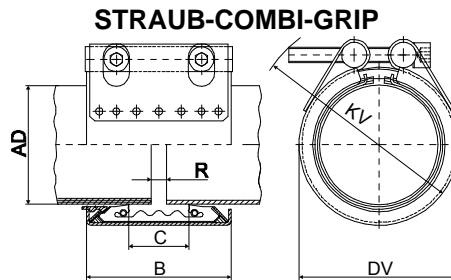
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Data sheet STRAUB-PLAST-COMBI-GRIP

Axial restraint pipe joint for transitions from plastic to metal pipe

Materials	W1	W2	W4	W5
Components				
Casing		AISI 304	AISI 304	
Screws		AISI 4135*	AISI 316 / 316 L	
Bolts		AISI 12L 14, galvanized	AISI 304	
Anchoring ring		AISI 301	AISI 301	
Strip insert (option)		AISI 316 L / PA/GF	AISI 316 L / PA/GF	
Sealing sleeve EPDM	Temp.: -30°C up to +100°C Medium: all qualities of water, waste water, air, solids and chemical products			
Sealing sleeve NBR	Temp.: -20°C up to +80°C Medium: water, gas, oil, fuel and other hydrocarbons			
Chemical resistance of sealing sleeve on request.				



STRAUB-COMBI-GRIP (for transitions)

Pipe		Clamping range		Nominal pressure	Dimensional data				Setting gap between pipe ends R_{max}		Locking bolts		
AD plastic (mm)	AD metal (mm)	plastic (mm)	metal (mm)		B (mm)	C (mm)	DV (mm)	KV (mm)	without strip insert (mm)	with strip insert (mm)	torque rate (Nm)	allen head (mm)	thread M...
40.0	38.0	39.0 - 40.5	37.5 - 39.0	16	61	19	60	90	5	10	15	6	8
40.0	42.4	39.0 - 40.5	42.0 - 43.5	16	61	20	63	95	5	10	15	6	8
50.0	48.3	49.0 - 50.5	47.8 - 49.0	16	61	26	70	100	5	10	15	6	8
63.0	60.3	62.0 - 64.0	59.7 - 61.0	16	76	32	85	115	10	25	20	6	8
75.0	76.1	74.0 - 76.0	75.0 - 77.5	16	94	39	100	130	10	25	35	8	10
90.0	88.9	89.0 - 91.0	87.0 - 90.0	16	94	39	118	145	10	25	35	8	10
110.0	108.0	109.0 - 111.0	106.5 - 110.5	16	94	39	135	160	10	25	35	8	10
110.0	114.3	109.0 - 111.0	112.0 - 116.0	16	97	45	140	170	10	25	35	8	10
114.3	114.3	113.0 - 115.0	112.0 - 116.0	16	94	39	139	165	10	25	35	8	10
140.0	139.7	139.0 - 142.0	137.5 - 141.0	16	109	43	168	200	15	30	60	10	12
160.0	159.0	159.0 - 162.0	157.0 - 160.5	16	109	43	188	215	15	30	60	10	12
180.0	180.0	179.0-182.0	178.0 -181.5	10	141	80	205	255	15	35	70	10	12
200.0	200.0	199.0 - 202.0	198.0 - 201.5	7	141	80	230	275	15	35	70	10	12
225.0	219.1	224.0 - 227.0	216.9 - 221.3	6	141	80	255	300	15	35	70	10	12
250.0	250.0	249.0 - 252.0	248.0 - 251.5	5	141	80	280	325	15	35	70	10	12

Right of alteration reserved.

Legend: - W1 - W5 according to DIN Standard 86128 (ASTM F 1476 / F1548, ISO/NP-15837 / 15838).

* Property class 12.9, Dacromet 500 (zinc-chromate with integrated lubricant).

- Remarks:**
- Follow fitting / disassembly instructions.
 - For the installation of pipes made of polyethylene and other soft-thermoplastic materials use our stiffening rings **STRAUB PG**.
 - Weight of the pipe joints see packing specifications.
 - Strip insert are required when the gap between the pipe ends is excessive, in presence of swelling, at vacuum/depression (suction line), or external pressure. Strip inserts are available, under separate order, at additional costs.

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