

TRANS.

Different outside diameter.

*Flexible couplings to connect pipes
with different outside diameter.*



BECAUSE CONNECTING MATTERS



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Trans

flexible couplings
for connecting
pipes with different
outside diameter

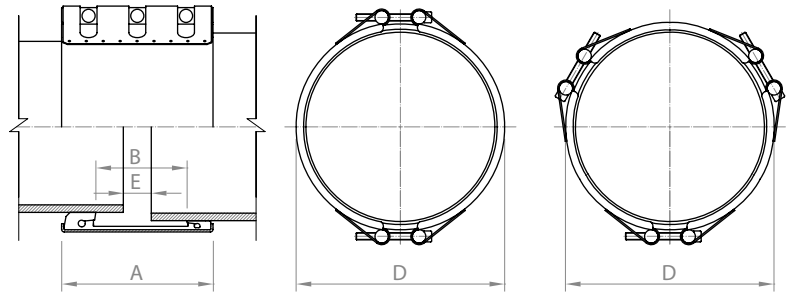
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Serie TRANS

Serie TRANS

To ensure correct operation, Fitting instructions must be respected.

Test pressure = 1,5 x PS



Working pressure up to 10 bar.

Nominal diameter serve as guidance of the pressure scale. All measures within the DN range are manufactured.

See dimensions on page 24. Series IBZR to IGZR

	Quality W1		Quality W2		Quality W4		Quality W5	
	AISI	DIN	AISI	DIN	AISI	DIN	AISI	DIN
Casing			304 L	1.4307	304 L	1.4307	316 L	1.4404
Bolts			1035	1.5511	304	1.4301	316	1.4401
Bars			1045	1.0503	304 L	1.4307	316 L	1.4404
Inner steel band (Lock)			304 L	1.4307	304 L	1.4307	316 L	1.4404

Sealing gasket: EPDM

OD	TRANS 5				TRANS 10				TRANS 20				TRANS 30			
	2 locks		3 locks		2 locks		3 locks		2 locks		3 locks		2 locks		3 locks	
	$\Delta \emptyset$ min	$\Delta \emptyset$ max	$\Delta \emptyset$ min	$\Delta \emptyset$ max	$\Delta \emptyset$ min	$\Delta \emptyset$ max	$\Delta \emptyset$ min	$\Delta \emptyset$ max	$\Delta \emptyset$ min	$\Delta \emptyset$ max	$\Delta \emptyset$ min	$\Delta \emptyset$ max	$\Delta \emptyset$ min	$\Delta \emptyset$ max	$\Delta \emptyset$ min	$\Delta \emptyset$ max
60 - 159	consult															
160 - 230	2	10														
230 - 250	2	10	2	11												
251 - 299	2	10	2	11	5	15	4	16	15	25	14	26				
300 - 349	2	10	2	11	5	15	4	16	15	25	14	26	25	35	24	36
350 - 499	2	10	2	12	5	15	3	17	15	25	13	27	25	35	23	37
>500	2	11	2	13	4	16	2	18	14	26	12	28	24	36	22	38

OD Outside Diameter $\Delta \emptyset$ min minimum difference between outside diameters $\Delta \emptyset$ max maximum difference between outside diameters

OD	Maximum angular deflection	Maximum misalignment
mm	degrees	mm
60 - 159	4,0	0,5
160 - 500	2,0	2,0

See page 7 (Permitted tolerances)

Applications.



1.

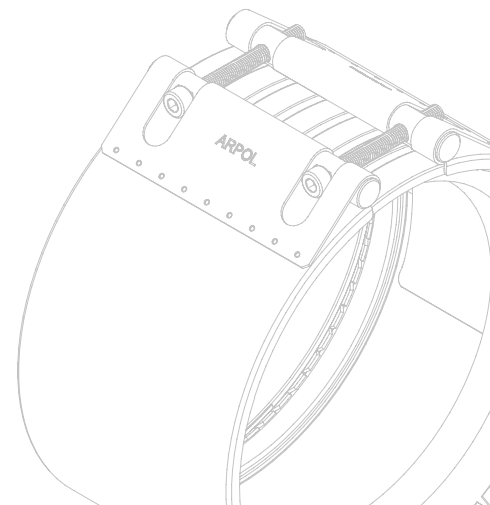


2.

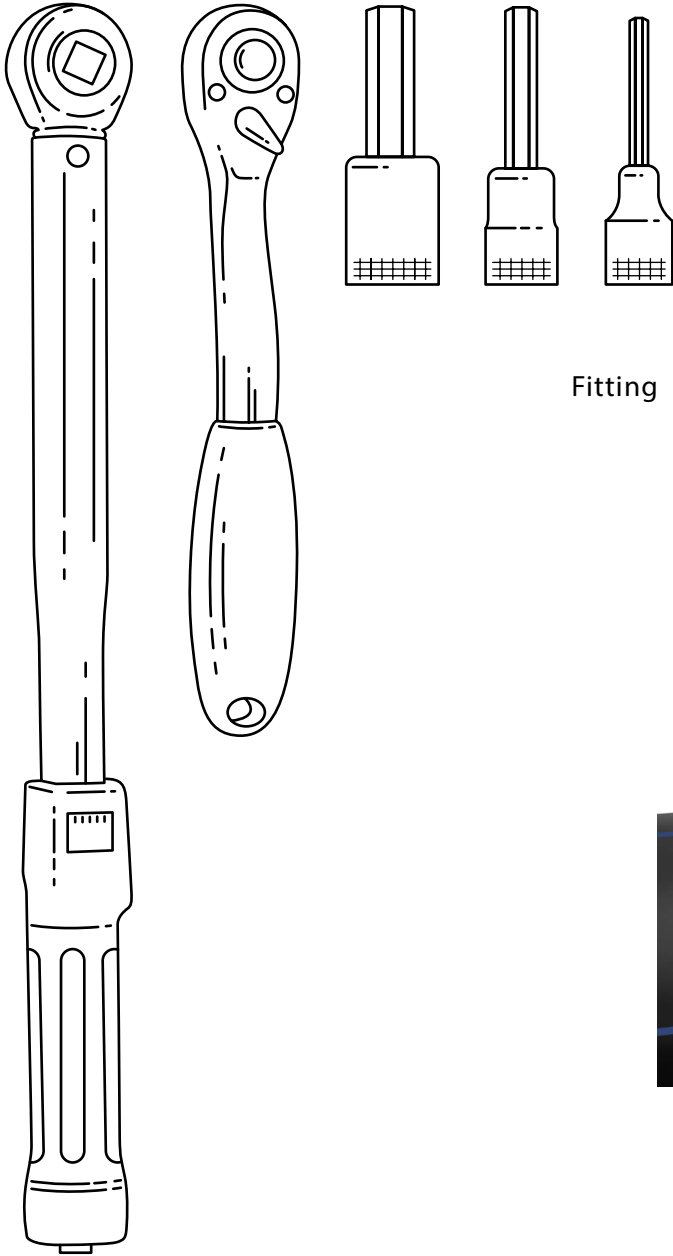


3.

1. Connection of GRP and Steel pipes of different outside diameter.
2. GRP pipe repair with a different outside diameter ductile iron piece of pipe.
3. DN 1300 mm Asbestos cement pipe and steel pipe connection.



Tools.



Fitting To correctly fit couplings, Arpol recommends the following tools:

- Torque wrench.
- Set of Allen spears.



