SimpleFit wide range
flange adaptors & couplings

Straight SimpleFit wide range couplings and flange adaptors

Introduction
Technimex' SimpleFit wide range couplings and flange adaptors offer the possibility to cover a large diameter range. Almost all pipe materials can be jointed, whether these are made from steel, ductile- or cast iron, asbestos cement or for example PVC.

Working pressures may vary from 10 to 16 bar depending on the application. The flange design of the adaptors is suitable for various international variations like DN, BS and ANSI.
Available from DN50 up to DN 2500.

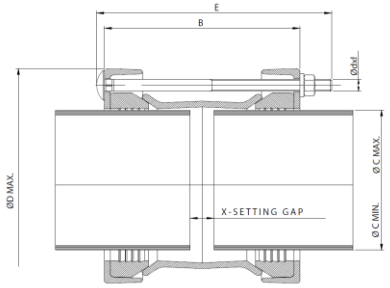
Design
The SimpleFit wide range couplings and flange adaptors are made from high quality ductile iron (GGG450-10) and are epoxy coated to provide a long-term corrosion protection along with resistance to abrasion and impact.

These products are standard supplied with high grade steel 8.8 fasteners, coated with Dacromet™ coating based on zinc and aluminium flakes that are passivated throughout the entire layer providing excellent anticorrosion characteristics.

The EPDM (Grade E/WA as per BS EN681-1:1996) ensures a long-term sealing without any additional maintenance.

Advantages
These flange adaptors and couplings allow an angular deflection of maximum 6˚. This enables you to mount these also when there is a slight misalignment in an otherwise straight pipeline.

Variations
The SimpleFit wide range series are available in almost any desired specification; whether you need NBR gaskets, stainless steel bolts and nuts or a specific type of coating.



DN mm	Range ØC		Sleeve L mm	Bolts			B mm	ØD mm	E mm	X		Weight kg
	Min. mm	Max. mm		No. mm	D mm	l mm				Min. mm	Max. mm	
50 (2”)	59	73	100	4	M12	170	154	153	197	20	30	3,8
65 (2½“)	72	85	100	4	M12	170	154	166	197	20	30	4,3
80 (3”)	88	103	100	4	M12	170	154	185	197	20	30	4,5
100 (4”)	108	128	100	4	M12	190	163	211	197	20	30	5,6
125 (5”)	132	146	100	4	M12	190	163	237	197	20	30	6,8
125 (5”)	139	154	100	4	M12	190	163	237	197	20	30	6,9
150 (6”)	159	182	100	4	M12	190	163	274	197	20	30	8,5
175 (7”)	192	209	100	4	M12	190	163	299	197	20	30	9,2
200 (8”)	218	235	100	4	M12	190	163	323	197	20	30	9,8
225 (9”)	250	267	100	4	M12	190	163	362	197	20	30	12,3
250 (10”)	271	289	100	4	M12	190	163	390	197	20	30	14,3
300 (12”)	322	340	100	4	M12	190	163	401	197	20	30	16,2

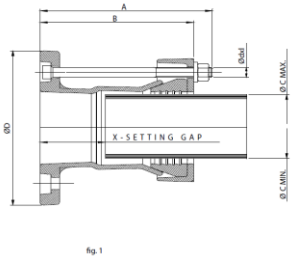


fig. 1

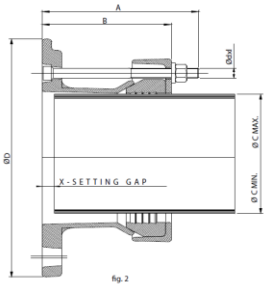


fig. 2

DN mm	Range ØC		Fig.	Bolts			A mm	B mm	ØD mm	X		Weight kg
	Min. mm	Max. mm		No. mm	D mm	l mm				Min. mm	Max. mm	
50 (2”)	59	73	1	4	M12	130	125	153	165	50	60	3,6
65 (2½“)	72	85	1	4	M12	130	125	166	185	50	60	4,3
80 (3”)	88	103	2	4	M12	120	100	185	220	10	30	4,8
100 (4”)	108	128	2	4	M12	120	105	211	225	10	35	5,1
125 (5”)	132	146	2	4	M12	120	105	237	285	10	35	6,7
125 (5”)	139	154	2	4	M12	120	105	237	285	10	35	6,8
150 (6”)	159	182	2	4	M12	120	105	274	286	10	30	8,0
175 (7”)	192	209	2	4	M12	120	105	299	340	10	35	8,9
200 (8”)	218	235	2	4	M12	120	105	323	340	10	30	9,5
225 (9”)	250	267	2	4	M12	120	115	362	405	10	35	11,4
250 (10”)	271	289	2	4	M12	120	115	390	405	10	35	14,4
300 (12”)	322	340	2	4	M12	120	115	401	482	10	35	18,0