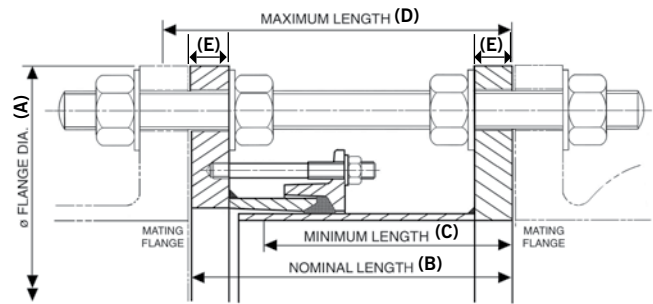


# Dismantling Joint DN40 to DN300 (PN10,16,25,40)

## Specifications

Note: Maximum Longitudinal Adjustment  
= Maximum Length – Minimum Length



## Dismantling Joint

Flange Details				Flange to Flange Details				Tie Rod Details					Flange Adaptor Method of Construction Cast / Fabricated	
Nom	Drilling	Flange Thickness		Flange OD	Nominal Length	Minimum Length	Maximum Length	Steel Tie Rod			Stainless Steel Tie Rod			
		Flange Adaptor E (mm)	Spigot E (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Dia x Length (mm)	No.	Total Weight of DJ (kg)	Dia x Length (mm)	No.	Total Weight of DJ (kg)	
40	PN10,16,25,40	18	18	150	187	167	207	M16 x 300	4	7.8	M16 x 300	4	7.8	Fabricated
50	PN10,16,25,40	17	18	165	194	174	214	M16 x 300	4	8.2	M16 x 300	4	8.2	Cast
65	PN10,16	17	18	185	194	174	214	M16 x 300	4	9.4	M16 x 300	4	9.3	Cast
80	PN10,16,25,40	17	18	200	194	174	214	M16 x 300	4	10.4	M16 x 300	4	10.4	Cast
100	PN10,16	17	18	220	194	174	214	M16 x 300	4	11.6	M16 x 300	4	11.6	Cast
100	PN25,40	25	25	235	194	174	214	M20 x 320	4	19.2	M20 x 320	4	19.2	Fabricated
125	PN10,16	17	18	250	194	174	214	M16 x 300	4	13.5	M16 x 300	4	13.5	Cast
125	PN25,40	25	25	270	194	174	214	M24 x 330	4	26.2	M24 x 330	4	26.2	Fabricated
150	PN10,16	17	18	285	194	174	214	M20 x 310	4	17.7	M20 x 310	4	17.7	Cast
150	PN25	25	25	300	194	174	214	M24 x 330	4	28.9	M24 x 330	4	28.9	Fabricated
150	PN40	25	25	300	194	174	214	M24 x 330	4	28.8	M24 x 330	4	28.8	Fabricated
200	PN10	20	18	340	194	174	214	M20 x 310	4	24.3	M20 x 310	4	24.3	Cast
200	PN16	20	18	340	194	174	214	M20 x 310	4	24.1	M20 x 310	4	24.1	Cast
200	PN25	25	25	360	194	174	214	M24 x 340	4	37.5	M24 x 340	4	37.5	Fabricated
200	PN40	25	25	375	194	174	214	M27 x 350	4	42.6	M27 x 350	4	42.6	Fabricated
250	PN10	19	18	395	194	174	214	M20 x 310	4	29.6	M20 x 310	4	29.6	Cast
250	PN16	19	18	405	194	174	214	M24 x 330	4	32.8	M24 x 330	4	32.8	Cast
250	PN25	25	25	425	194	174	214	M27 x 350	4	49.1	M27 x 350	4	49.1	Fabricated
250	PN40	25	25	450	194	174	214	M30 x 370	4	57.9	M30 x 370	4	57.9	Fabricated
300	PN10	19	18	445	194	174	214	M20 x 310	4	36.2	M20 x 310	4	36.2	Cast
300	PN16	19	18	460	194	174	214	M24 x 330	4	40.0	M24 x 330	4	40.0	Cast
300	PN25	25	25	485	194	174	214	M27 x 350	4	57.1	M27 x 350	4	57.1	Fabricated
300	PN40	25	25	515	194	174	214	M30 x 380	4	69.8	M30 x 380	4	69.8	Fabricated

## Materials & Relevant Standards

### Flange Drilling

BS EN1092-1 (formerly BS4504), ISO7005

### Cast Flange Adaptor

**Body** - Ductile Iron to BS EN1563:  
Symbol EN-GJS-450-10

**End Rings** - Ductile Iron to BS EN1563:  
Symbol EN-GJS-450-10

### Fabricated Flange Adaptor

**Body** - Rolled Steel to BS EN 10025-2:  
Grade S275

**End Rings** - Rolled Steel to BS EN 10025-2:  
Grade S275

**Sleeve** - Steel Tube to BS EN10255:  
or Steel Tube to BS EN10216-1: Grade  
P265TR1 or Rolled Steel to BS EN 10025-2:  
Grade S275

### Flanged Spigot

**Flange** - Rolled Steel to BS EN 10025-2:  
Grade S275

**Spigot** - Steel Tube to BS EN10255:  
or Steel Tube to BS EN10216-1: Grade  
P265TR1 or Rolled Steel to BS EN 10025-2:  
Grade S275

### Gaskets

BS EN681-1: Type WA WRAS listed

### Steel Tie Rods & Nuts

**Tie Rods** - BS EN10269:+A1: Name 42CrMo4  
(Yield 725N/mm<sup>2</sup>) (formerly MB7)

**Nuts** - BS EN20898-2: Property Class 8.0

### Stainless Steel Tie Rods & Nuts

**Tie Rods** - Stainless Steel to BS EN3506-1:  
Grade A2/A4 Property Class 70  
(Yield 450N/mm<sup>2</sup>)

**Nuts 4 per Tie Rod** - Stainless Steel to BS  
EN3506-2: Grade A2/A4 Property Class 80

### Studs/Nuts/Washers

**Studs** - Steel to BS EN ISO898-1:  
Property Class 4.8

**Nuts** - Steel to BS4190: Grade 4

**Washers** - Stainless Steel to BS1449:Part 2:  
Grade 304S15

### Coatings (Others available on request)

**Flange Adaptor** - Rilsan Nylon 11

**Flanged Spigot** - Rilsan Nylon 11

**End Ring** - Rilsan Nylon 11

**Studs/Nuts** - Sheraplex to WIS 4-52-03

**Steel Tie Rods/Nuts** - Zn3 Zinc coated

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