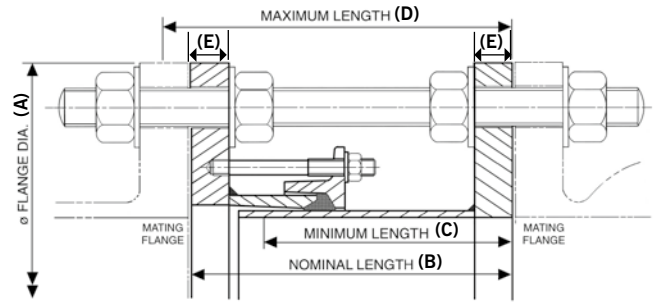


Dismantling Joint 3" to 40" (ANSI 150)

Specifications



Dismantling Joint

Flange Details				Flange To Flange Details				Tie Rod Details			
Nom	Drilling	Flange Thickness E (mm)	Flange OD	Nominal Length	Minimum Length	Maximum Length	Tie Rod Dia x Length	H.T Zinc Plated Steel H.T Steel BS4882 Grade MB7 Yield 725N/mm ²		Stainless Steel Class 70 Yield 450N/mm ²	
			A (mm)	B (mm)	C (mm)	D (mm)		No.	Total Weight of DJ (kg)	No.	Total Weight of DJ (kg)
3"	ANSI 150	25	190	194	174	214	5/8" x 12 1/2"	4	14.0	4	14.0
4"	ANSI 150	25	229	194	174	214	5/8" x 12 1/2"	4	17.4	4	17.4
6"	ANSI 150	25	279	194	174	214	3/4" x 13"	4	23.8	4	23.8
8"	ANSI 150	25	343	194	174	214	3/4" x 13"	4	33.3	4	33.3
10"	ANSI 150	25	406	194	174	214	7/8" x 13 1/2"	4	43.0	4	43.0
12"	ANSI 150	25	483	194	174	214	7/8" x 13 1/2"	4	59.1	4	59.1
14"	ANSI 150	25	533	302	277	327	1" x 19"	4	82.8	4	82.8
16"	ANSI 150	25	597	302	277	327	1" x 19"	4	95.8	4	95.8
18"	ANSI 150	25	635	302	277	327	1 1/8" x 19"	4	103.0	4	103.0
20"	ANSI 150	25	698	302	277	327	1 1/8" x 19 1/2"	5	121.0	6	140.0
24"	ANSI 150	25	813	302	277	327	1 1/4" x 20 1/2"	5	151.0	8	177.0
28"	ANSI 150	25	927	302	277	327	1 1/4" x 22"	7	187.0	10	225.0
30"	ANSI 150	25	984	302	277	327	1 1/4" x 22 1/2"	7	202.0	12	240.0
32"	ANSI 150	25	1060	302	277	327	1 1/2" x 23"	7	225.0	14	277.0
36"	ANSI 150	25	1168	307	277	337	1 1/2" x 24 1/2"	8	291.0	12	361.0
40"	ANSI 150	38	1289	320	290	350	1 1/2" x 25"	9	441.0	12	520.0

Materials & Relevant Standards

Flange Drilling

ASME / ANSI B16.5 (uti 24") & ASME / ANSI B16.47 (26" & over)

Fabricated Flange Adaptor

Body - Rolled Steel to BS EN 10025-2:2004 Grade S275

End Rings/Sleeve - Rolled Steel to BS EN 10025-2:2004 Grade S275 or Rolled Steel to BS EN 10025-2:2004 Grade S355 Depending on section

Flanged Spigot

Flange - Steel to BS EN10025:1993 Grade S275

Spigot - Steel to BS10216-1:2002 or Rolled Steel to BS EN 10025-2:2004 Grade S275

Gaskets

BS EN 681-1 1996 Type WA WRAS Listed

Tie Rods:

H.T. Steel BS EN10269:1999+A1:2006 Name 42CrMo4 Yield 725N/mm² (formerly MB7/B7)

u.t.i. M48-2" Stainless Steel to BS EN3506-1:2009 Grade A2/A4 Property Class 70 (450N/mm²)

M52 and 2 1/4" and above Stainless Steel to BS EN3506-1:2009 Grade A2/A4 Property Class 50 (210N/mm²)

Studs/Nuts/Washers

Studs - Steel to BS EN ISO 898-1:2009 Property Class 4.8

Nuts - Steel to BS 4190:2001 Grade 4

Washers - BS 1449:Part 2:1983 Grade 304S15

Coatings (Others available on request)

Adaptor - Rilsan Nylon 11

Spigot - Rilsan Nylon 11

End Ring - Rilsan Nylon 11

FA Studs & Nuts - Sheraplex to WIS 4-52-03

Tie Rods - Zn3 zinc coated