

## Flange joint

### 5.2.6 Flange joint



Illustration 5.37

The flanged joint is a detachable joint not that common in soil and waste systems. It is the ideal jointing method to connect the system onto flanged equipment and to install valves. The joint can be made by the following steps:

- Mount backing ring over pipe or fitting
- Weld stub flange to fitting or pipe
- Apply seal
- Mount bolts, nuts and washers and tighten nuts with the bolt torque of table 5.6

<b>d<sub>1</sub> (mm)</b>	<b>Bolt torque (Nm)</b>
40	20
50	30
56	35
63	35
75	40
90	40
110	40
125	40
160	60
200	70
250	80
315	100

Table 5.6 Bolt torque for non-pressure applications