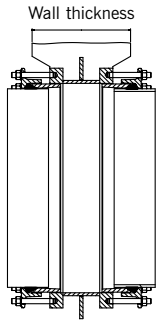


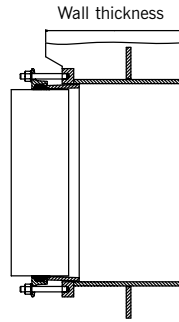
# Wall Couplings

## Specifications

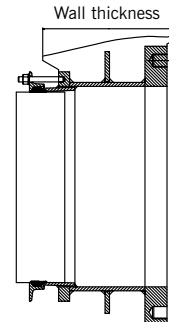
The Viking Johnson Wall Coupling is available in nine variations:



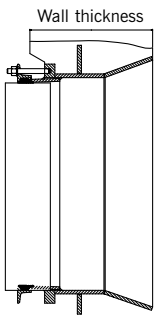
**Type 1** Coupling/Coupling



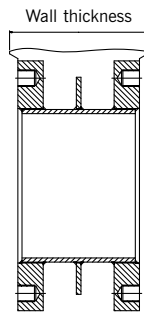
**Type 2** Coupling/Plain End



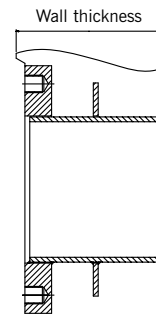
**Type 3** Coupling/Flange



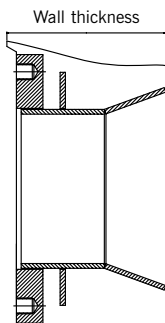
**Type 4** Coupling/Bellmouth



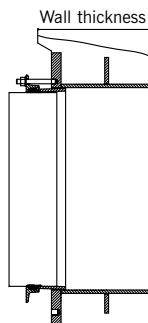
**Type 5** Flange/Flange



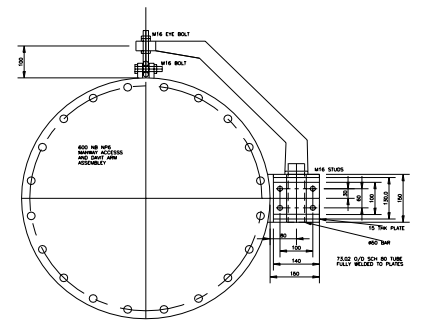
**Type 6** Flange/Plain End



**Type 7** Flange/Bellmouth



**Type 8** Harnessing



**Type 9** Man Entry

Viking Johnson wall couplings are patented products - UK Patent No. 2263323B, US Patent No.5505499.

## Materials & Relevant Standards

Viking Johnson strongly recommends the user ensures that the wall is structurally capable of withstanding the resultant forces induced by the system working pressure and any other related influences.

The materials of construction vary according to size and wall coupling type, with the following being those typically used in their manufacture:

### Body/Centre Sleeve/End Ring:

#### DN80 to DN300

Carbon steel to BS EN 10025: Grade S275JR

Ductile iron to BS EN 1563: Symbol EN-GJS-450-10

#### DN350 to DN1800

Carbon steel to BS EN 10025: Grade S275JR

### Bolts/Nuts/Washer:

**Tee Bolts or Stud** - Steel to BS EN ISO 898-1: Property Class 4.8

**Washers** - Stainless Steel to BS 1449: Part 2: Grade 304S15

### Gasket

**Standard gaskets** - EPDM to BS EN 681 Part 1 Type WA for water and sewage applications, with an operating temperature range of -40°C to +90°C.

### Product coating

Wall coupling bodies and end rings: coated in black Rilsan Nylon 11. Optional, Scotchkote 206N fusion bonded epoxy.

Studs, 'T' bolts and nuts: either zinc plated to BS EN 12329: followed by Rilsan Nylon 11 for double protection against corrosion or Sheraplex coated to WIS 4-52-03.

### Water contact materials

All water contact materials are WRAS listed for use with potable water.

Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. Crane Ltd assumes no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.