

Dressing Sets

Technical Guide W7.3

The next generation in dressing sets. Dressing Sets are specifically packaged for potable and non potable applications and presented in clearly labelled burst free packaging.



02.23 | W7.3 DRESSING SETS

Applications

Potable water reticulation

Non-potable applications

Product Attributes

Easily identified blue EPDM gasket (Potable)

Black insertion rubber (Non-Potable)

Any flange drilling available upon request

Genuine molybond coatings on stainless nuts

Approvals/Standards

AS/NZS4020

WSA109 – 2002

Quality

ISO9001:2000 Quality Standards

We are the supply partner of choice for New Zealand's civil construction industry, specialising in water and infrastructure based solutions.

HYNDSwater

Quality packaged dressing sets to suit flanges in sizes of DN 40 mm through DN 600 mm with either hot dipped galv fastenings or 316 stainless steel with molybond coated nuts.

Kits are supplied to suit either potable applications by way of a reinforced blue coloured EPDM gasket and other applications using insertion rubber gasket.

Product Attributes

Packaged kits

- Kits are complete with gasket, bolts, washers and nuts.
- Kits are supplied with gasket and correct number of fastenings in separate bags.
- Packs clearly marked if suitable for potable or non potable applications.
- Choice of either galvanised or stainless steel fasteners.
- Standard packs available to suit AS4087 (Table D), AS2129 (Table E), or BS4504 PN16.
- Any other drillings available on request and within 48 hours.
- Standard packs to suit 16 Bar pressure rating.
- Sizes to suit flanges from DN40 to DN600 then up to DN1500 on request.
- Tightening sequence and fitting instructions supplied with every pack.
- Product code allows for easy identification of size, drilling and bolt length.

Gaskets

- New blue reinforced EPDM
- Approved for potable water applications and coloured blue making identification quick and simple.
 - Third party certified and compliant with AS/NZS4020 and WSA 109 – 2002
 - Pressure rated to 16 Bar
- Standard black insertion rubber for non-potable applications.
 - Pressure rated to 16 Bar

Fastenings

Galvanised Bolt Packs

- Compliance: Bolts ISO4014, Nuts ISO4032, Washers DIN125A.
- All galv fastening components hot dip galvanised.
- Bolt packs contain 4 bolts, 8 washers and 4 nuts.
- Multiple bolt packs supplied per kit, providing the correct quantity of fasteners required.

Stainless Steel Bolt Packs

- Compliance: Bolts DIN931, Nuts DIN934, Washers DIN125.
- All stainless steel nuts are coated with genuine molybond anti-seize agent.
- All stainless steel fastenings are 316.
- Bolt packs contain 4 bolts, 8 washers and 4 nuts.
- Multiple bolt packs supplied per kit. Providing the correct quantity of fasteners required.

Applications

Most pressure systems where flanges require a sealing gasket.

Potable

- All pressure water mains
- Pump stations
- Irrigation

Non potable

- Pressure sewer systems
- Pump stations
- Irrigation
- Pressurised stormwater systems

Potable Water Dressing Sets



Galvanised Fastenings
For more information see page 4



316 Stainless Steel Fastenings
For more information, see page 5




Single Gaskets
For more information see page 7

Non-Potable Water Dressing Sets



Galvanised Fastenings
For more information see page 9




316 Stainless Steel Fastenings
For more information, see page 10




Single Gaskets
For more information see page 12

Bolt Packs and Accessories



Complete Bolt Kits
For more information, see page 14



Rods, Nuts and Washers
For more information, see page 14

Potable Water Dressing Sets

3rd Party Accredited to AS/NZS 4020 (Drinking Water Standard)

Reinforced EPDM Rubber

Complies with WSA109 Gasket Standard (a requirement for AS/NZS 4087 – Table D)

Blue Coloured Gasket, Identifiable as drinking water suitable post installation

Genuine Molybond coated stainless nuts, no imitations (SS Kits only)

Note: Dressing sets also come with instructions, bagged and labelled.

TABLE 1 Galvanised bolts, nuts and washers. Table D and Table E Variants.

Code	Description
DSGHP	Hydrant Pattern, 75mm Bolts
DSGH90P	Hydrant Pattern, 90mm Bolts (e.g. PE Connections)
DSG040P	40mm NB Table D & E, 65mm Bolts
DSG050P	50mm NB Table D & E, 65mm Bolts
DSG065P	65mm NB Table D & E, 65mm Bolts
DSG080P	80mm NB Table D & E, 65mm Bolts
DSG100P	100mm NB Table D, 75mm Bolts
DSG10090P	100mm NB Table D, 90mm Bolts (e.g. PE connections)
DSG100EP	100mm NB Table E, 75mm Bolts
DSG125P	125mm NB Table D, 75mm Bolts
DSG150P	150mm NB Table D, 75mm Bolts
DSG15090P	150mm NB Table D, 90mm Bolts
DSG150100P	150mm NB Table D, 100mm Bolts (e.g. PE Connections)
DSG150110P	150mm NB Table D, 110mm Bolts (e.g. PE Connections)
DSG150EP	150mm NB Table E, 75mm Bolts
DSG150E100P	150mm NB Table E, 100mm Bolts (e.g. PE Connections)
DSG200P	200mm NB Table D, 75mm Bolts
DSG20090P	200mm NB Table D, 90mm Bolts
DSG200100P	200mm NB Table D, 100mm Bolts (e.g. PE Connections)
DSG200110P	200mm NB Table D, 110mm Bolts (e.g. PE Connections)
DSG200120P	200mm NB Table D, 120mm Bolts (e.g. PE Connections)
DSG200EP	200mm NB Table E, 90mm Bolts
DSG225P	225mm NB Table D, 75mm Bolts
DSG250P	250mm NB Table D, 90mm Bolts
DSG250100P	250mm NB Table D, 100mm Bolts (e.g. PE Connections)
DSG250110P	250mm NB Table D, 110mm Bolts (e.g. PE Connections)
DSG250EP	250mm NB Table E, 90mm Bolts
DSG300P	300mm NB Table D, 90mm Bolts
DSG300100P	300mm NB Table D, 100mm Bolts (e.g. PE Connections)
DSG300140P	300mm NB Table D, 140mm Bolts (e.g. PE Connections)
DSG300EP	300mm NB Table E, 90mm Bolts
DSG350P	350mm NB Table D & E, 100mm Bolts
DSG375P	375mm NB Table D & E, 100mm Bolts
DSG400P	400mm NB Table D & E, 100mm Bolts
DSG450P	450mm NB Table D, 120mm Bolts
DSG450EP	450mm NB Table E, 120mm Bolts
DSG500P	500mm NB Table D & E, 120mm Bolts
DSG500160P	500mm NB Table D & E, 160mm Bolts
DSG600P	600mm NB Table D, 120mm Bolts
DSG600EP	600mm NB Table E, M30x 120mm Studs & Nuts

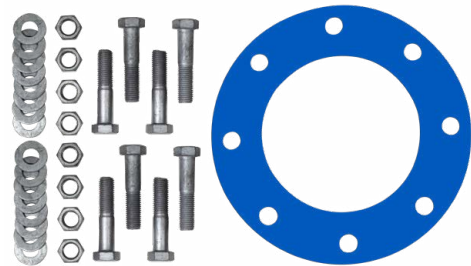


TABLE 2 Galvanised Bolts, Nuts and Washers. EN1092 PN16 (BS4504) Flanges.

Code	Description
DSG80PN16P	80mm NB PN16, 75mm Bolts
DSG80PN16.90P	80mm NB PN16, 90mm Bolts (e.g. PE Connections)
DSG100PN16P	100mm NB PN16, 75mm Bolts
DSG100PN16.90P	100mm NB PN16, 90mm Bolts (e.g. PE Connections)
DSG150PN16P	150mm NB PN16, 90mm Bolts
DSG150PN16.110P	150mm NB PN16, 110mm Bolts (e.g. PE Connections)
DSG200PN16P	200mm NB PN16, 90mm Bolts
DSG200PN16.110P	200mm NB PN16, 110mm Bolts (e.g. PE Connections)
DSG250PN16P	250mm NB PN16, 100mm Bolts
DSG250PN16.140P	250mm NB PN16, 140mm Bolts (e.g. PE Connections)
DSG300PN16P	300mm NB PN16, 100mm Bolts
DSG300PN16.140P	300mm NB PN16, 140mm Bolts (e.g. PE Connections)
DSG350PN16P	350mm NB PN16, 100mm Bolts
DSG350PN16.140P	350mm NB PN16, 140mm Bolts (e.g. PE Connections)
DSG400PN16P	400mm NB PN16, 120mm Bolts
DSG450PN16P	450mm NB PN16, 120mm Bolts
DSG500PN16P	500mm NB PN16, 120mm Bolts
DSG600PN16P	600mm NB PN16, 120mm Bolts

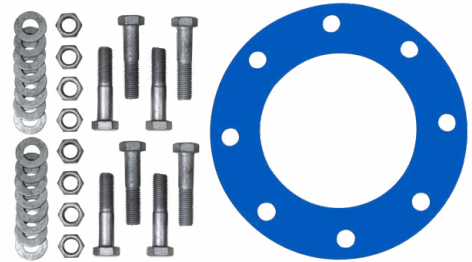


TABLE 3 316 Stainless Steel Bolts, Nuts and Washers. Table D and Table E Variants.

Code	Description
DSSSHP	Hydrant Pattern, 75mm Bolts
DSSSH90P	Hydrant Pattern, 90mm Bolts (e.g. PE Connections)
DSSS080P	80mm NB Table D & E, 65mm Bolts
DSSS08075P	80mm NB Table D & E, 75mm Bolts (e.g. PE Connections)
DSSS100P	100mm NB Table D, 75mm Bolts
DSSS10090P	100mm NB Table D, 90mm Bolts (e.g. PE connections)
DSSS100EP	100mm NB Table E, 75mm Bolts
DSSS150P	150mm NB Table D, 75mm Bolts
DSSS15090P	150mm NB Table D, 90mm Bolts
DSSS150100P	150mm NB Table D, 100mm Bolts (e.g. PE Connections)
DSSS150110P	150mm NB Table D, 110mm Bolts (e.g. PE Connections)
DSSS150EP	150mm NB Table E, 75mm Bolts
DSSS200P	200mm NB Table D, 75mm Bolts
DSSS20090P	200mm NB Table D, 90mm Bolts
DSSS200100P	200mm NB Table D, 100mm Bolts (e.g. PE Connections)
DSSS200110P	200mm NB Table D, 110mm Bolts (e.g. PE Connections)
DSSS200EP	200mm NB Table E, 90mm Bolts
DSSS250P	250mm NB Table D, 90mm Bolts
DSSS250110P	250mm NB Table D, 110mm Bolts (e.g. PE Connections)
DSSS250120P	250mm NB Table D, 120mm Bolts (e.g. PE Connections)
DSSS250EP	250mm NB Table E, 90mm Bolts
DSSS300P	300mm NB Table D, 90mm Bolts
DSSS300130P	300mm NB Table D, 130mm Bolts (e.g. PE Connections)
DSSS300EP	300mm NB Table E, 100mm Bolts
DSSS350P	350mm NB Table D & E, 100mm Bolts
DSSS375P	375mm NB Table D & E, 100mm Bolts
DSSS400P	400mm NB Table D & E, 100mm Bolts
DSSS450P	450mm NB Table D, 120mm Bolts
DSSS450EP	450mm NB Table E, 120mm Bolts
DSSS500P	500mm NB Table D & E, 120mm Bolts
DSSS500160P	500mm NB Table D & E, 160mm Bolts (e.g. PE Connections)
DSSS600P	600mm NB Table D, 120mm Bolts
DSSS600EP	600mm NB Table E, M30 120mm Studs & Nuts

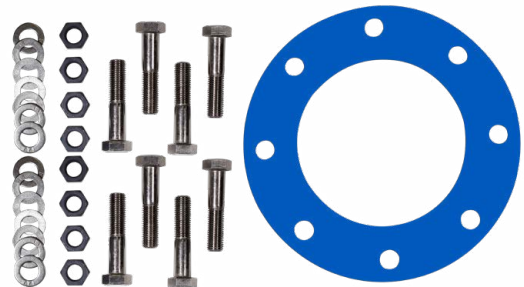
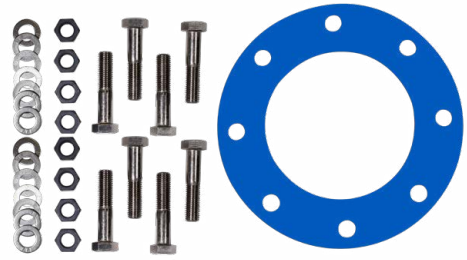


TABLE 4 316 Stainless steel bolts, nuts and washers. To suit EN1092 PN16 (BS4504) Flanges

DSSS080PN16P	80mm NB PN16, 75mm Bolts
DSSS080PN1690P	80mm NB PN16, 90mm Bolts (e.g. PE Connections)
DSSS100PN16P	100mm NB PN16, 75mm Bolts
DSSS100PN1690P	100mm NB PN16, 90mm Bolts (e.g. PE Connections)
DSSS150PN16P	150mm NB PN16, 90mm Bolts
DSSS150PN16110P	150mm NB PN16, 110mm Bolts (e.g. PE Connections)
DSSS200PN16P	200mm NB PN16, 90mm Bolts
DSSS200PN16110P	200mm NB PN16, 110mm Bolts (e.g. PE Connections)
DSSS250PN16P	250mm NB PN16, 100mm Bolts
DSSS250PN16140P	250mm NB PN16, 140mm Bolts (e.g. PE Connections)
DSSS300PN16P	300mm NB PN16, 100mm Bolts
DSSS300PN16140P	300mm NB PN16, 140mm Bolts (e.g. PE Connections)
DSSS350PN16P	350mm NB PN16, 100mm Bolts
DSSS350PN16140P	350mm NB PN16, 140mm Bolts (e.g. PE Connections)
DSSS400PN16P	400mm NB PN16, 120mm Bolts
DSSS450PN16P	450mm NB PN16, 120mm Bolts
DSSS500PN16P	500mm NB PN16, 120mm Bolts
DSSS600PN16P	600mm NB PN16, 120mm Bolts



Potable Water Gaskets

3rd party accredited to AS/NZS 4020 (drinking water standard)

Reinforced EPDM rubber

Complies with WSA109 gasket standard (a requirement for AS/NZS 4087 – Table D)

Blue coloured gasket, identifiable as drinking water suitable post-installation

TABLE 5 Standard dimensions, Table D and Table E

FGHP	Hydrant Pattern
FG040P	40mm Table D, Table E
FG050P	50mm Table D, Table E
FG065P	65mm Table D, Table E
FG080P	80mm Table D, Table E
FG100P	100mm Table D
FG100EP	100mm Table E
FG125P	125mm Table D
FG150P	150mm Table D
FG150EP	150mm Table E
FG200P	200mm Table D
FG200EP	200mm Table E
FG225P	225mm Table D
FG225EP	225mm Table E
FG250P	250mm Table D
FG250EP	250mm Table E
FG300P	300mm Table D
FG300EP	300mm Table E
FG350P	350mm Table D, Table E
FG375P	375mm Table D, Table E
FG400P	400mm Table D, Table E
FG450P	450mm Table D
FG450EP	450mm Table E
FG500P	500mm Table D, Table E
FG600P	600mm Table D
FG600EP	600mm Table E

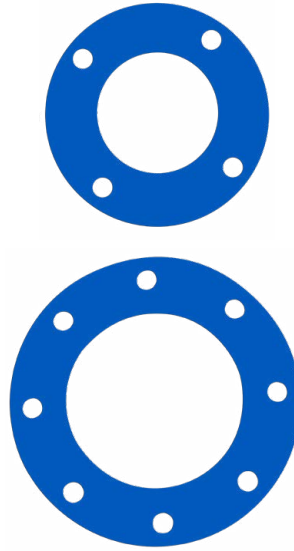


TABLE 6 Standard dimensions, EN1092 PN16 (BS4504)

FG040PPN16	40mm PN16
FG050PPN16	50mm PN16
FG065PPN16	65mm PN16
FG080PPN16	80mm PN16
FG100PPN16	100mm PN16
FG125PPN16	125mm PN16
FG150PPN16	150mm PN16
FG200PPN16	200mm PN16
FG250PPN16	250mm PN16
FG300PPN16	300mm PN16
FG350PPN16	350mm PN16
FG400PPN16	400mm PN16
FG450PPN16	450mm PN16
FG500PPN16	500mm PN16
FG600PPN16	600mm PN16

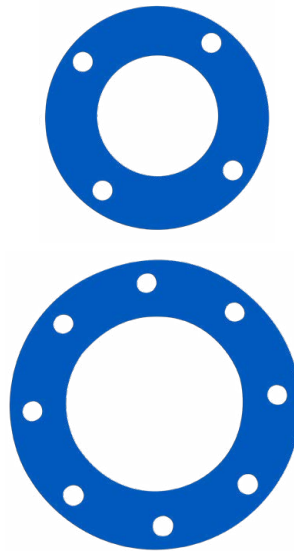
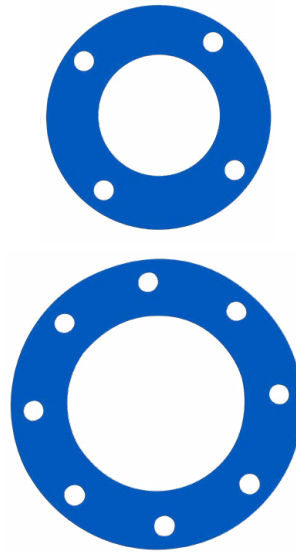


TABLE 7 Reduced bore options, Table D and Table E

FGHPPE	Hydrant Pattern
FG040PPE	40mm Table D
FG050PPE	50mm Table D
FG065PPE	65mm Table D
FG080PPE	80mm Table D
FG100PPE	100mm Table D
FG100EPPE	100mm Table E
FG125PPE	125mm Table D
FG150PPE	150mm Table D
FG150EPPE	150mm Table E
FG200PPE	200mm Table D
FG200EPPE	200mm Table E
FG225PPE	225mm Table D
FG225EPPE	225mm Table E
FG250PPE	250mm Table D
FG250EPPE	250mm Table E
FG300PPE	300mm Table D
FG300EPPE	300mm Table E
FG350PPE	350mm Table D, Table E
FG375PPE	375mm Table D, Table E
FG400PPE	400mm Table D, Table E
FG450PPE	450mm Table D
FG450EPPE	450mm Table E
FG500PPE	500mm Table D, Table E
FG600PPE	600mm Table D
FG600EPPE	600mm Table E



Non-Potable Water Dressing Sets

Reinforced Insertion Rubber

Genuine molybond coated stainless nuts, no imitations (SS Kits only)

TABLE 8 Galvanised bolts, nuts and washers. Table D and Table E Variants

DSGHNP75	Hydrant Pattern, 75mm Bolts
DSGHNP90	Hydrant Pattern, 90mm Bolts (e.g. PE connections)
DSG040NP	40mm NB Table D & E, 65mm Bolts
DSG050NP	50mm NB Table D & E, 65mm Bolts
DSG065NP	65mm NB Table D & E, 65mm Bolts
DSG080NP	80mm NB Table D & E, 65mm Bolts
DSG100NP	100mm NB Table D, 75mm Bolts
DSG10090NP	100mm NB Table D, 90mm Bolts (e.g. PE connections)
DSG100ENP	100mm NB Table E, 75mm Bolts
DSG125NP	125mm NB Table D, 75mm Bolts
DSG150NP	150mm NB Table D, 75mm Bolts
DSG15090NP	150mm NB Table D, 90mm Bolts (e.g. PE Connections)
DSG150100NP	150mm NB Table D, 100mm Bolts (e.g. PE Connections)
DSG150110NP	150mm NB Table D, 110mm Bolts (e.g. PE Connections)
DSG150ENP	150mm NB Table E, 75mm Bolts
DSG150E90NP	150mm NB Table E, 100mm Bolts (e.g. PE Connections)
DSG200NP	200mm NB Table D, 75mm Bolts
DSG20090NP	200mm NB Table D, 90mm Bolts (e.g. PE Connections)
DSG200100NP	200mm NB Table D, 100mm Bolts (e.g. PE Connections)
DSG200110NP	200mm NB Table D, 110mm Bolts (e.g. PE Connections)
DSG200120NP	200mm NB Table D, 120mm Bolts (e.g. PE Connections)
DSG200ENP	200mm NB Table E, 90mm Bolts
DSG225NP	225mm NB Table D, 75mm Bolts
DSG250NP	250mm NB Table D, 90mm Bolts
DSG250100NP	250mm NB Table D, 100mm Bolts (e.g. PE Connections)
DSG250110NP	250mm NB Table D, 110mm Bolts (e.g. PE Connections)
DSG250ENP	250mm NB Table E, 90mm Bolts
DSG300NP	300mm NB Table D, 90mm Bolts
DSG300100NP	300mm NB Table D, 100mm Bolts (e.g. PE Connections)
DSG300140NP	300mm NB Table D, 140mm Bolts (e.g. PE Connections)
DSG300ENP	300mm NB Table E, 90mm Bolts
DSG350NP	350mm NB Table D & E, 100mm Bolts
DSG375NP	375mm NB Table D & E, 100mm Bolts
DSG400NP	400mm NB Table D & E, 100mm Bolts
DSG450NP	450mm NB Table D, 120mm Bolts
DSG450ENP	450mm NB Table E, 120mm Bolts
DSG500NP	500mm NB Table D & E, 120mm Bolts
DSG600NP	600mm NB Table D, 120mm Bolts
DSG600ENP	600mm NB Table E, M30x 120mm Studs & Nuts

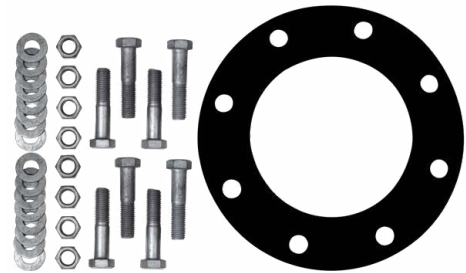
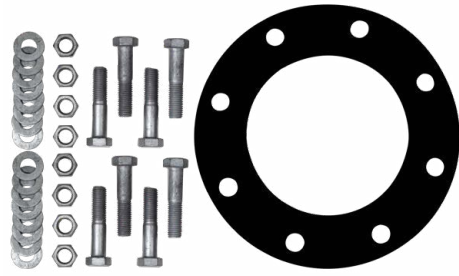


TABLE 9 Galvanised Bolts, Nuts and Washers. EN1092 PN16 (BS4504) Flanges

DSG80PN1675NP	80mm NB PN16, 75mm Bolts
DSG80PN1690NP	80mm NB PN16, 90mm Bolts (e.g. PE Connections)
DSG100PN1675NP	100mm NB PN16, 75mm Bolts
DSG100PN1690NP	100mm NB PN16, 90mm Bolts (e.g. PE Connections)
DSG150PN1675NP	150mm NB PN16, 90mm Bolts
DSG150PN16110NP	150mm NB PN16, 110mm Bolts (e.g. PE Connections)
DSG200PN1690NP	200mm NB PN16, 90mm Bolts
DSG200PN16110NP	200mm NB PN16, 110mm Bolts (e.g. PE Connections)
DSG250PN16100NP	250mm NB PN16, 100mm Bolts
DSG250PN16140NP	250mm NB PN16, 140mm Bolts (e.g. PE Connections)
DSG300PN16100NP	300mm NB PN16, 100mm Bolts
DSG300PN16140NP	300mm NB PN16, 140mm Bolts (e.g. PE Connections)
DSG350PN16NP	350mm NB PN16, 100mm Bolts
DSG350PN16140NP	350mm NB PN16, 140mm Bolts (e.g. PE Connections)
DSG400PN16NP	400mm NB PN16, 120mm Bolts
DSG450PN16NP	450mm NB PN16, 120mm Bolts
DSG500PN16NP	500mm NB PN16, 120mm Bolts
DSG600PN16NP	600mm NB PN16, 120mm Bolts

**TABLE 10 316 Stainless Steel Bolts, Nuts and Washers. Table D and Table E Variants**

Code	Description
DSSSHNP	Hydrant Pattern, 75mm Bolts
DSSSH90P	Hydrant Pattern, 90mm Bolts (e.g. PE Connections)
DSSS050NP	50mm NB Table D & E, 65mm Bolts
DSSS065NP	65mm NB Table D & E, 65mm Bolts
DSSS080NP	80mm NB Table D & E, 65mm Bolts
DSSS08075NP	80mm NB Table D & E, 75mm Bolts
DSSS100NP	100mm NB Table D, 75mm Bolts
DSSS10090NP	100mm NB Table D, 90mm Bolts (e.g. PE connections)
DSSS100ENP	100mm NB Table E, 75mm Bolts
DSSS150NP	150mm NB Table D, 75mm Bolts
DSSS150.90NP	150mm NB Table D, 90mm Bolts (e.g. PE Connections)
DSSS150100NP	150mm NB Table D, 100mm Bolts (e.g. PE Connections)
DSSS150110NP	150mm NB Table D, 110mm Bolts (e.g. PE Connections)
DSSS150ENP	150mm NB Table E, 75mm Bolts
DSSS200NP	200mm NB Table D, 75mm Bolts
DSSS200090NP	200mm NB Table D, 90mm Bolts (e.g. PE Connections)
DSSS200100NP	200mm NB Table D, 100mm Bolts (e.g. PE Connections)
DSSS200110NP	200mm NB Table D, 110mm Bolts (e.g. PE Connections)
DSSS200ENP	200mm NB Table E, 90mm Bolts
DSSS250090NP	250mm NB Table D, 90mm Bolts
DSSS250110NP	250mm NB Table D, 110mm Bolts (e.g. PE Connections)
DSSS250120NP	250mm NB Table D, 120mm Bolts (e.g. PE Connections)
DSSS250ENP	250mm NB Table E, 90mm Bolts
DSSS300NP	300mm NB Table D, 90mm Bolts
DSSS300150NP	300mm NB Table D, 130mm Bolts (e.g. PE Connections)
DSSS300ENP	300mm NB Table E, 100mm Bolts
DSSS350NP	350mm NB Table D & E, 100mm Bolts
DSSS375NP	375mm NB Table D & E, 100mm Bolts
DSSS400NP	400mm NB Table D & E, 100mm Bolts
DSSS450NP	450mm NB Table D, 120mm Bolts
DSSS450ENP	450mm NB Table E, 120mm Bolts
DSSS500NP	500mm NB Table D & E, 120mm Bolts
DSSS600NP	600mm NB Table D, 120mm Bolts
DSSS600ENP	600mm NB Table E, M30 120mm Studs & Nuts

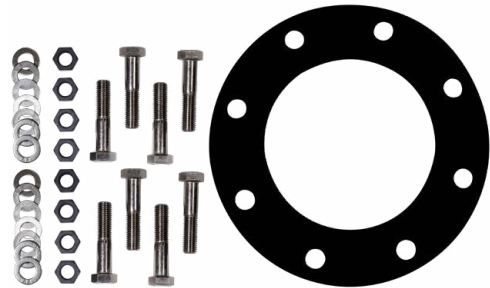
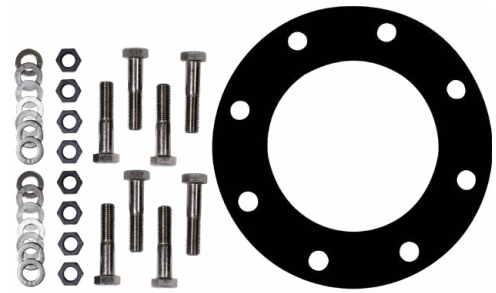


TABLE 11 316 Stainless Steel Bolts, Nuts and Washers. EN1092 (BS4504) Flanges

DSSS080PN1675NP	80mm NB PN16, 75mm Bolts
DSSS080PN1690NP	80mm NB PN16, 90mm Bolts (e.g. PE Connections)
DSSS100PN1675NP	100mm NB PN16, 75mm Bolts
DSSS100PN1690NP	100mm NB PN16, 90mm Bolts (e.g. PE Connections)
DSSS150PN1675NP	150mm NB PN16, 90mm Bolts
DSSS150PN16110NP	150mm NB PN16, 110mm Bolts (e.g. PE Connections)
DSSS200PN1690NP	200mm NB PN16, 90mm Bolts
DSSS200PN16110NP	200mm NB PN16, 110mm Bolts (e.g. PE Connections)
DSSS250PN16110NP	250mm NB PN16, 100mm Bolts
DSSS250PN16140NP	250mm NB PN16, 140mm Bolts (e.g. PE Connections)
DSSS300PN16110NP	300mm NB PN16, 100mm Bolts
DSSS300PN16140NP	300mm NB PN16, 140mm Bolts (e.g. PE Connections)
DSSS350PN16NP	350mm NB PN16, 100mm Bolts
DSSS350PN16140NP	350mm NB PN16, 140mm Bolts (e.g. PE Connections)
DSSS400PN16NP	400mm NB PN16, 120mm Bolts
DSSS450PN16NP	450mm NB PN16, 120mm Bolts
DSSS500PN16NP	500mm NB PN16, 120mm Bolts
DSSS600PN16NP	600mm NB PN16, 120mm Bolts



Non-potable Water Gaskets

TABLE 12 Standard dimensions, Table D & Table E

FG040NP	40mm Table D, Table E
FG050NP	50mm Table D, Table E
FG065NP	65mm Table D, Table E
FG080NP	80mm Table D, Table E
FG100NP	100mm Table D
FG100ENP	100mm Table E
FG125NP	125mm Table D
FG150NP	150mm Table D
FG150ENP	150mm Table E
FG200NP	200mm Table D
FG200ENP	200mm Table E
FG225NP	225mm Table D
FG225ENP	225mm Table E
FG250NP	250mm Table D
FG250ENP	250mm Table E
FG300NP	300mm Table D
FG300ENP	300mm Table E
FG350NP	350mm Table D, Table E
FG375NP	375mm Table D, Table E
FG400NP	400mm Table D, Table E
FG450NP	450mm Table D
FG450ENP	450mm Table E
FG500NP	500mm Table D, Table E
FG600NP	600mm Table D
FG600ENP	600mm Table E

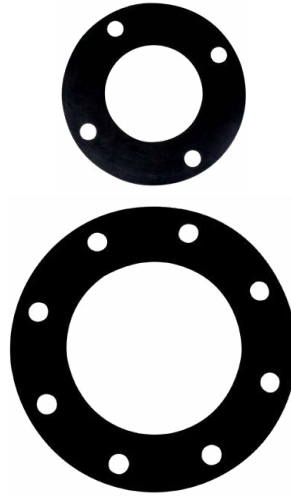


TABLE 13 Standard Dimensions, EN1092 PN16 (BS4504)

FG040NPPN16	40mm PN16
FG050NPPN16	50mm PN16
FG065NPPN16	65mm PN16
FG080NPPN16	80mm PN16
FG100NPPN16	100mm PN16
FG125NPPN16	125mm PN16
FG150NPPN16	150mm PN16
FG200NPPN16	200mm PN16
FG250NPPN16	250mm PN16
FG300NPPN16	300mm PN16
FG350NPPN16	350mm PN16
FG400NPPN16	400mm PN16
FG450NPPN16	450mm PN16
FG500NPPN16	500mm PN16
FG600NPPN16	600mm PN16



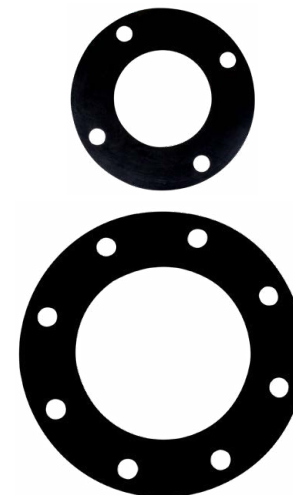
TABLE 14 Neoprene Gaskets, Table D and Table E, 4.8mm Thick

FGNEOH48	Hydrant Pattern
FGNEO050	50mm Table D, Table E
FGNEO080	80mm Table D, Table E
FGNEO100	100mm Table D
FGNEO100E	100mm Table E
FGNEO150	150mm Table D
FGNEO150E	150mm Table E
FGNEO200	200mm Table D
FGNEO200E	200mm Table E
FGNEO250	250mm Table D
FGNEO250E	250mm Table E
FGNEO300	300mm Table D
FGNEO300E	300mm Table E



TABLE 15 Reduced Bore Options

FGHNPPE	Hydrant Pattern
FG040NPPE	40mm Table D, Table E
FG050NPPE	50mm Table D, Table E
FG065NPPE	65mm Table D, Table E
FG080NPPE	80mm Table D, Table E
FG100NPPE	100mm Table D
FG100ENPPE	100mm Table E
FG125NPPE	125mm Table D
FG150NPPE	150mm Table D
FG150ENPPE	150mm Table E
FG200NPPE	200mm Table D
FG200ENPPE	200mm Table E
FG225NPPE	225mm Table D
FG225ENPPE	225mm Table E
FG250NPPE	250mm Table D
FG250ENPPE	250mm Table E
FG300NPPE	300mm Table D
FG300ENPPE	300mm Table E
FG350NPPE	350mm Table D, Table E
FG375NPPE	375mm Table D, Table E
FG400NPPE	400mm Table D, Table E
FG450NPPE	450mm Table D
FG450ENPPE	450mm Table E
FG500NPPE	500mm Table D, Table E
FG600NPPE	600mm Table D
FG600ENPPE	600mm Table E



Bolt Packs and Accessories

TABLE 16 Galvanised Bolt Packs - Supplied with 4 bolts, 4 nuts, 8 washers

DSGBNPM16X050	M16x50mm
DSGBPM16X065	M16x65mm
DSGBPM16X075	M16x75mm
DSGBPM16X080	M16x80mm
DSGBPM16X090	M16x90mm
DSGBPM16X100	M16x100mm
DSGBPM16X110	M16x110mm
DSGBPM16X120	M16x120mm
DSGBPM20X075	M20x75mm
DSGBPM20X080	M20x80mm
DSGBPM20X090	M20x90mm
DSGBPM20x100	M20x100mm
DSGBPM20X110	M20x110mm
DSGBPM20X120	M20x120mm
DSGBPM20X140	M20x140mm
DSGBPM24X100	M24x100mm
DSGBPM24X120	M24x120mm
DSGBPM24X140	M24x140mm
DSGBPM24X160	M24x160mm
DSGBPM24X180	M24x180mm
DSGBPM27X120	M27x120mm
DSGBPM27X140	M27x140mm
DSGBPM27X180	M27x180mm



TABLE 17 Galvanised Threaded Rod

RTG08	M8mm x 1m
RTG10	M10mm x 1m
RTG12	M12mm x 1m
RTGM20	M20 x 1m
RTGM24	M24 x 1m
RTGM27	M27 x 1m
RTGM33	M33 x 1m
RTGM36	M36 x 1m
NSS36	36mm

TABLE 18 Galvanised Nuts

NG08	8mm
NG10	10mm
NG12	12mm
NG16	16mm
NG20	20mm
NG24	24mm
NG27	27mm
NG33	33mm
NG36	36mm

TABLE 19 Galvanised Washers

WG08	8mm
WG10	10mm
WG12	12mm
WG16	16mm
WG20	20mm
WG24	24mm
WG27	27mm
WG33	33mm
WG36	36mm



TABLE 20 SS Bolt Packs - Supplied with 4 bolts, 4 nuts, 8 washers

DSSSNPM16X050	M16x50mm
DSSSBPM16X065	M16x65mm
DSSSBPM16X075	M16x75mm
DSSSBPM16X090	M16x90mm
DSSSBPM16X100	M16x100mm
DSSSBPM16X110	M16x110mm
DSSSBPM16X120	M16x120mm
DSSSBPM20X075	M20x75mm
DSSSBPM20X090	M20x90mm
DSSSBPM20x100	M20x100mm
DSSSBPM20X110	M20x110mm
DSSSBPM20X120	M20x120mm
DSSSBPM20X150	M20x150mm
DSSSBPM24X100	M24x100mm
DSSSBPM24X110	M24x110mm
DSSSBPM24X120	M24x120mm
DSSSBPM24X140	M24x140mm
DSSSBPM24X160	M24x160mm
DSSSBPM24X180	M24x180mm
DSSSBPM27X120	M27x120mm
DSSSBPM27X140	M27x140mm
DSSSBPM27X180	M27x180mm



TABLE 21 SS Nuts with Genuine Molybond Coating

NSS08	8mm	
NSS10	10mm	
NSS12	12mm	
NSS16	16mm	
NSS20	20mm	
NSS24	24mm	
NSS27	27mm	
NSS33	33mm	
NSS36	36mm	

TABLE 22 SS Washers

WSS08	8mm	
WSS10	10mm	
WSS12	12mm	
WSS16	16mm	
WSS20	20mm	
WSS24	24mm	
WSS27	27mm	
WSS33	33mm	
WSS36	36mm	

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