



**U10**  
**Flange Adaptor**  
 Universal & PE Type

**Product Description**

DENZ U10 Flange Adaptor is one of the most basic types of fittings. A flange connection is provided on one side in accordance with the applicable flange standard, and an insertion socket for the pipe is provided on the other side. The connection can be made with a variety of standard pipe types. Follower end rings, middle rings and flanges, one gasket and a set of bolts and nuts are the components of flange adaptors. Pipe adapters are ideal for connecting pipes to flanged products such as gate valves, butterfly valves, and return flow inhibitors. The follower end ring, middle ring, and pipe surface form the compression chamber, similar to a coupling. It is possible to equip DENZ Flange Adaptors with flanges of any standard.



**Production References**

Size	DN80 - DN1400
Pressure	PN10 - 16
Temperature	EPDM: 110 °C
Gasket	EPDM or NBR
Connection	Raised Flange & Reduced Bore
Coating	Electrostatic Powder Epoxy
Testing	EN 12266-1
Marking	EN 19
Operation	Automatic
Variation	PE Type Flange Adaptor

**Application Areas**

- Water distribution lines
- Water transmission pipelines
- Waste water applications
- Pumping Stations

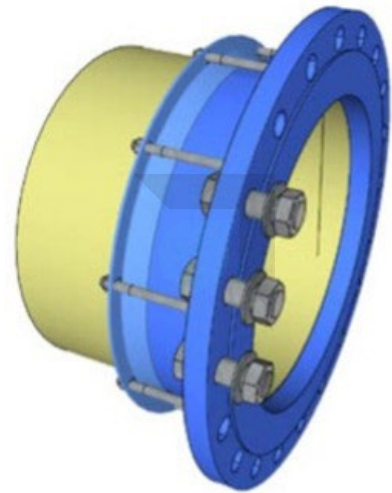




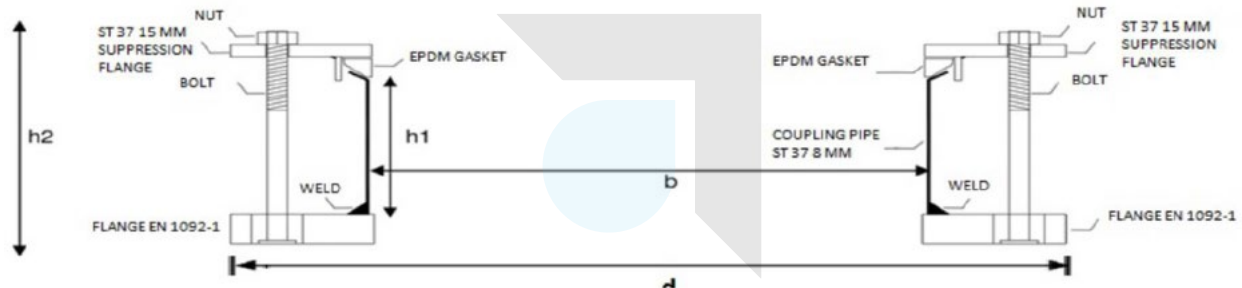
## Product Features



- As a result of the gasket's expansion and contraction, DENZ U10 Flange Adaptor offers an adjustment range of 25 mm during installation and an angular deflection of 3° during installation.
- Installation is quick and easy.
- There is a wide range and a wide tolerance.
- Repairs and maintenance can be performed with ease.
- The material is corrosion-resistant.
- Galvanized 8.8 bolts, nuts, and washers for ductile iron GGG-40/50 bodies.
- Depending on customer requirements, larger sizes and pressure ratings up to 25 bar are always available.
- Furthermore, the anti-torque bolts allow for a quick, one-man installation of the flange adaptor.
- In addition to eliminating media loss, zero leakage complies with environmental regulations.
- In contrast to flange adaptors, pipelines must have a fixed point in order to restrain end loads
- DENZ U10 Flange Adaptors can be used on a variety of pipes, including steel, ductile iron, PVC, GRP and concrete pipes with asbestos.
- Installation does not require the use of special tools or additional gaskets.
- According to EN 12266-1, the hydrostatic test pressure for the shell is PN x 1.5.

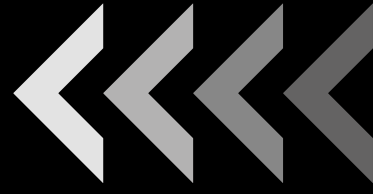


## Dimensions DN80-500

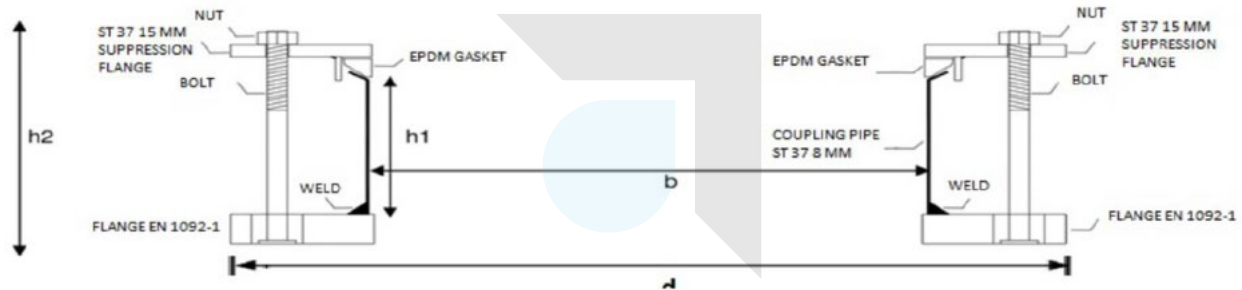


Type	Internal Diameter (b)	Internal Height (a)	Total Height (h2)	Adaptor Coupling Thickness (mm)	Flange	Flange Standard	Bolts & Nuts	Gasket	Coating
DN80 88*133 Flange Adaptor	103	125	200	5 mm ST37	DN80 PN10/16	EN1092	M14/200 ST37 4 sets	EPDM	Blue Epoxy
DN100 109*126 Flange Adaptor	128	125	200	5 mm ST37	DN100 PN10/16	EN1092	M14/200 ST37 4 sets	EPDM	Blue Epoxy
DN125 138*153 Flange Adaptor	155	125	200	5 mm ST37		EN1092	M14/200 ST37 4 sets	EPDM	Blue Epoxy
DN150 159*181 Flange Adaptor	183	125	200	5 mm ST37	DN150 PN10/16	EN1092	M14/200 ST37 4 sets	EPDM	Blue Epoxy
DN200 215*230 Flange Adaptor	243	125	200	5 mm ST37	DN200 PN10/16	EN1092	M14/200 ST37 4 sets	EPDM	Blue Epoxy
DN200 230*243 Flange Adaptor	243	125	200	5 mm ST37	DN200 PN10/16	EN1092	M14/200 ST37 4 sets	EPDM	Blue Epoxy
DN 250 280*300 Flange Adaptor	302	125	200	5 mm ST37	DN250 PN10/16	EN1092	M14/200 ST37 6 sets	EPDM	Blue Epoxy
DN300 315*332 Flange Adaptor	334	125	200	5 mm ST37	DN300 PN10/16	EN1092	M14/200 ST37 6 sets	EPDM	Blue Epoxy
DN 300 340*357 Flange Adaptor	357	125	200	5 mm ST37	DN300 PN10/16	EN1092	M14/200 ST37 6 sets	EPDM	Blue Epoxy
DN350 369*385 Flange Adaptor	391	125	200	5 mm ST37	DN350 PN10/16	EN1092	M14/200 ST37 6 sets	EPDM	Blue Epoxy
DN 350 394*411 Flange Adaptor	413	125	200	5 mm ST37	DN350 PN10/16	EN1092	M14/200 ST37 8 sets	EPDM	Blue Epoxy
DN 400 418*435 Flange Adaptor	437	125	200	5 mm ST37	DN400 PN10/16	EN1092	M14/200 ST37 8 sets	EPDM	Blue Epoxy
DN 400 449*472 Flange Adaptor	474	125	200	5 mm ST37	DN400 PN10/16	EN1092	M14/200 ST37 8 sets	EPDM	Blue Epoxy
DN 500 495*512 Flange Adaptor	514	125	200	5 mm ST37	DN500 PN10/16	EN1092	M14/200 ST37 10 sets	EPDM	Blue Epoxy

Units: mm / indicative dimensions & weights



## Dimensions DN500-600



Type	Internal Diameter (b)	Internal Height (a)	Total Height (h2)	Adaptor Coupling Thickness (mm)	Flange	Flange Standard	Bolts & Nuts	Gasket	Coating
DN 500 521*538 Flange Adaptor	540	125	200	5 mm ST37	DN500 PN10/16	EN1092	M14/200 ST37 10 sets	EPDM	Blue Epoxy
DN 500 552*572 Flange Adaptor	574	125	200	5 mm ST37	DN500 PN10/16	EN1092	M14/200 ST37 10 sets	EPDM	Blue Epoxy
DN 600 601*618 Flange Adaptor	620	125	200	5 mm ST37	DN600 PN10/16	EN1092	M14/200 ST37 12 sets	EPDM	Blue Epoxy
DN 600 623*640 Flange Adaptor	640	125	200	5 mm ST37	DN600 PN10/16	EN1092	M14/200 ST37 12 sets	EPDM	Blue Epoxy
DN 600 675*700 Flange Adaptor	700	125	200	5 mm ST37	DN600 PN10/16	EN1092	M14/200 ST37 12 sets	EPDM	Blue Epoxy

Units: mm / indicative dimensions & weights

