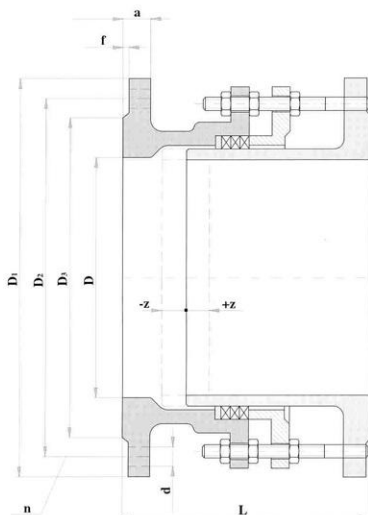


# Installation insert

M 20 010-610

PN 10



## Application

Remote adjustable fitting used to facilitate installation and removal of valves, or to compensate for inaccuracies in the length of pipe-line being installed. For use with non-aggressive liquids, water, vapors and gases, for service pressures and temperatures:

Temperature [°C]	Pressure [MPa]
120	1,00
150	0,90
180	0,84
200	0,80

The installation insert must not be used to compensate for pipeline expansion. An expansion joint should be used for this purpose.

## Technical description

A moveable part is inserted into the cast iron body. Gland packing around the body provides the seal. The face-to-face dimensions can be set using stay bolts.

## Connecting and face-to-face dimensions

Face-to-face dimensions are given in the table below.

Flange connecting dimensions as per DIN 2501.

Flange faces as per DIN 2526, Form C.

## Material

Body, moveable part	grey cast iron
Packing bonnet	grey cast iron
Stay bolts	carbon steel
Gland packing	asbestos-free fibre

## Testing

The installation insert is tested as per DIN 3230-3, ČSN 13 3060, part 2.

## Installation

The installation insert can be installed in horizontal or vertical pipe-line. When installed vertically the moveable part should be uppermost.

DN	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	L	z	a	f	n	d	kg
300	300	445	400	370	300	15	28	4	12	22	94
350	350	505	460	430	325	15	30	4	16	22	130
400	400	565	515	482	350	20	32	4	16	26	171
500	500	670	620	585	400	20	34	4	20	26	240
600	600	780	725	685	450	20	36	5	20	30	347
700	700	895	840	800	500	25	40	5	24	30	470
800	800	1015	950	905	500	25	44	5	24	33	614
1000	1000	1230	1160	1110	550	30	50	5	28	36	965
1200	1200	1455	1380	1330	550	30	56	5	32	39	1392