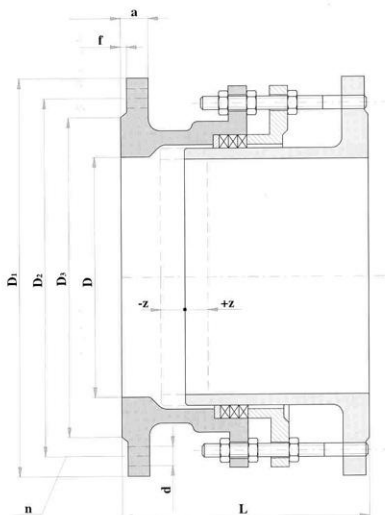


# Installation insert

M 20 010-606

PN 6



## 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	0,60
150	0,54
180	0,50
200	0,48

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	440	395	365	300	15	24	4	12	22	97
350	350	490	445	415	325	15	26	4	12	22	128
400	400	540	495	465	350	20	28	4	16	22	174
500	500	645	600	570	400	20	28	4	20	22	244
600	600	755	705	670	450	20	30	5	20	26	353
700	700	860	810	775	500	25	32	5	24	26	475
800	800	975	920	880	500	25	34	5	24	30	702
1000	1000	1175	1120	1080	550	30	36	5	28	30	1150
1200	1200	1405	1340	1295	550	30	40	5	32	33	1400