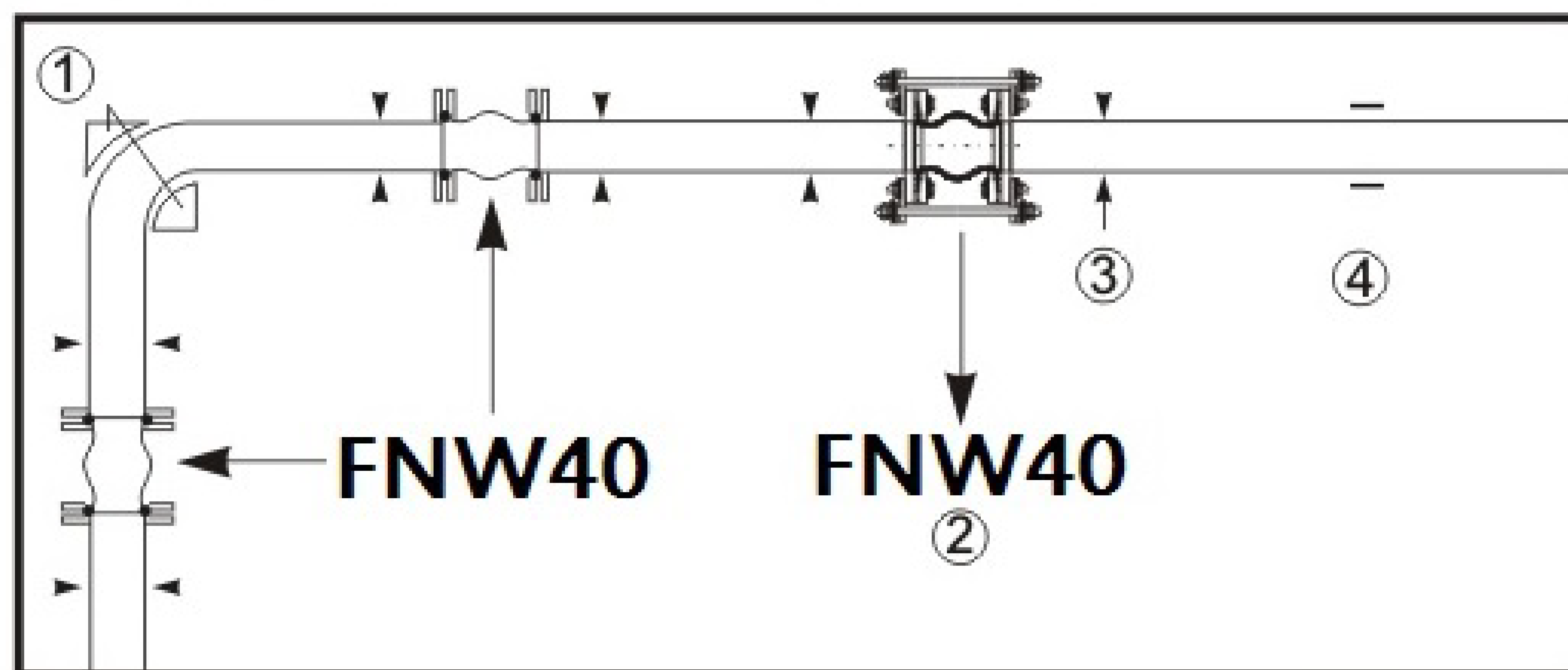
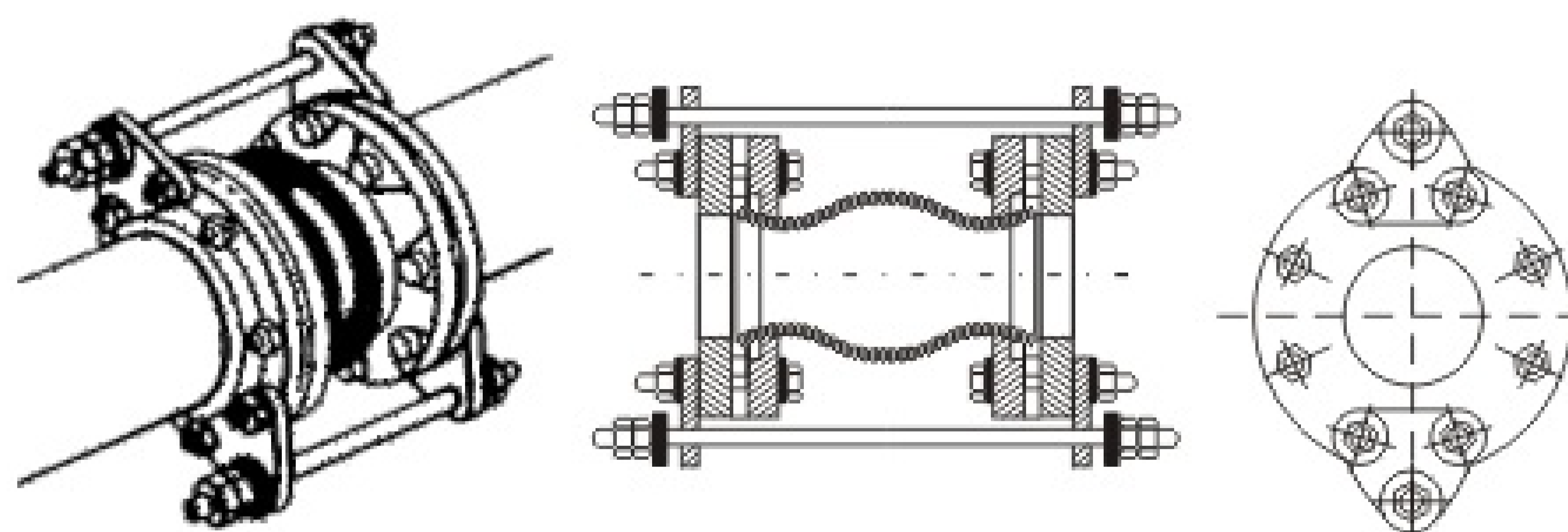


# CONTROL RODS-CONTROL OF EXTENSION



## INSTALLMENT SCHEME

- 1) anchor
- 2) with control rods
- 3) fixation points
- 4) guiding points



## APPLICTIONS

It is used to prevent an excessive extension the control rod or compression (cf. Rating table) which could damage the rubber joint: in general when there are high pressure risks (starting a pump...) or when wide temperature fluctuations occur.

**CONTROL ROD UNIT MUST BE INSTALLED WHEN PRESSURE (TEST SURGE, OPERATING) EXCEEDS THE RATING BELOW.**

JOINTS SIZE	AMS(P SIG)	AMT(P SIG)
1~4"	150	150
5"~10"	135	135

## MOUNTING INSTRUCTIONS

- 1) The alignment of the piping system should be adjusted and secured with fixation points as close as possible on each side of the **rubber** joints at a distance less than 3 times the pipes nominal diameter.
- 2) These fixation points must be installed when mounting an **rubber** joint with control rods or in a case of an elbow pipe. If there is a considerable distance between 2 fixation points, guiding points can be installed-in order to support and guide the pipe (cf. installation scheme)
- 3) When installing take care the rubber joint don't support compression or extension due to the weight of the upstream or downstream pipe.
- 3.b) When installing the rubber joint take care that it must not be twisted in any case.
- 4) Verify that the upstream and downstream pipe alignment does not deviate more than 1/8"(3mm) and that the **rubber** joint does not support heavy weight.
- 5) Verify that the surfaces coming on contact with the joint are perfectly clean and without cutting edges (pipe) thus avoiding damage to the joint surface.
- 6) Insert the bolts on the arch side of the joint, thus avoiding direct contact with the rubber.
- 7) If welding is carried out within close range, cover or dismount the **rubber** joint.
- 8) Do not paint or coat the joint with insulation.
- 9) During installation, the precompression should not exceed 5mm.
- 10) Store the joint in flat position avoiding humidity and extreme temperatures.

### NOTE:

Bolt tightness should be checked daily within the first month (one week) after services and checked periodically thereafter.