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# Technical Rule – Standard

## **DVGW GW 368 (A)** February 2013

**Restrained Socket Joints for ductile Iron and Steel Pipes, Fittings and Valves**

**GAS**

**WASSER**

The DVGW Deutscher Verein des Gas- und Wasserfaches e.V. – Technisch-wissenschaftlicher Verein – (German Technical and Scientific Association for Gas and water, a registered association – Technical-Scientific Association) – has been supporting the gas and water sectors since 1859 with a focus on safety, hygiene and the protection of the environment.

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## **Vorwort**

This Worksheet has been produced by the DVGW project group on “Metallic materials in water supply systems” in the DVGW “Water supply system components” Technical Committee. Its aim is to determine the lengths of pipeline to be locked against longitudinal forces.

The Worksheet applies to ductile cast iron and steel pipes, fittings and valves. In principle, the formulaic correspondences described can also be applied to pipes in other materials. However, the properties of the other materials must be taken into account in each case, particularly specific weight and friction coefficient.

## **Revisions**

The following revisions have been made with respect to DVGW Worksheet GW 368:2002-06:

- a) The detailed representation of designs of restrained joints – in some cases specific to manufacturers – has been deleted.
- b) The tables in the Annex have been adapted (e.g. for cast iron pipes, to the new pressure classes to DIN EN 545).
- c) Supplements 1 to 4 with the representations of type-tested restrained socket joints have been deleted.

## **Previous issues**

DVGW GW 368:2002-06

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