



Anchorage and supports for pipelines – types

Information within brackets ([...]) in this document refers to local regulations.

Scope

This standard provides detailed descriptions of different types of pipe anchorages and supports and describes the constituent components of each type.

The anchorage and support applications are described in general in [SSG 7001E](#).

Changes since the previous edition

This edition differs from the previous edition in that:

- The standard has been updated with new types: 21 and 22.
- Table 1 as been updated.
- Spacer has been removed from the assortment.
- Fig. 12 for type 8 has been removed.
- The text about pre-tensioning has been adjusted.
- *Guide* has been added to the designation of type 16.


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Appendix 1: Max. permitted load

1 Designation

Designation in accordance with the examples for each type in accordance with section 2.3 – “Types”. These examples are complete and distinct. In cases where it is not possible to stipulate, only available information is noted, but in the order in which the designation is displayed.

2 Requirements

For pipe anchorage and support elements, hangers are used in accordance with [SSG 7026E](#). The hangers shall be supplied in commercial lengths of 2 m and are cut to size during installation in case the height of the pipe anchorage or support section (H) cannot be stated.

Nuts are locked, but not welded.

Sliding surfaces are treated during installation with molybdenum disulphide lubricant.

Welding between alloys and non-alloy material is performed with over-alloyed stainless steel electrodes.

2.1 Surface treatment

Surface treatment is made in accordance with the standard for the respective pipe anchorage or support element, [SSG 7025E–SSG 7179E](#). Cut surfaces on hangers as well as assembly welding zones are cleaned, grinded and coated with zinc dust paint to the same thickness as surrounding layers.

2.2 Stop lugs

When using stop lugs, the risk of cracking in thin-walled pipes should be taken into account. Agreement on the rules to apply when using stop lugs is made between users and suppliers of piping systems. Stop lugs are normally used with the following types: Type 3, Type 9, Type 10, Type 16, Type 27, Type 28, Type 29, Type 30, Type 32, Type 36 and Type 38.

2.3 Types

Table 1 Type overview

Pipe anchorage or support elements	Type	Page
Hangers	Type 1–Type 3	page 4–page 6
Spring hangers	Type 4–Type 10	page 7–page 13
Sliding supports	Type 11, Type 12, Type 16, Type 21, Type 22	page 14, page 16, page 20, page 24, page 26
Guides	Type 13–Type 15	page 17–page 19
Spring guides	Type 17–Type 30	page 22–page 31
Supports	Type 31–Type 32	page 32–page 33
Flexible supports	Type 33	page 34
Anchorage	Type 36–Type 38	page 35–page 36