

1. General information

1.1 Intended use

The swivels are designed for use in conjunction with high pressure grease supply systems, only.

The intended use also includes the adherence to the Operating Instructions.

Any use beyond these parameters can lead to serious risks and is regarded as use that is contrary to the intended purpose.

The operator is liable for any damage arising out of use that is not intended purpose.

1.2 Construction and functional description

- The swivels are constructed as rotating connectors for use in conjunction with high pressure grease supply systems.
- Following versions are available:
 - Art. no. 18 081 Swivel connector 1 x 360° G 1/8" male, G 1/4" female
 - Art. no. 18 084 Swivel connector 1 x 360° G 1/4" male, G 1/4" female
 - Art. no. 18 083 Swivel connector 2 x 360° G 1/8" male, G 1/4" female
 - Art. no. 18 082 Z-swivel connector 3 x 360° G 1/8" male, G 1/4" female
- All steel parts are galvanized. Highly effected swivel parts are made of hardened steel. Gaskets are made of Polyamide or Polyurethane.

1.3 Technical data

Art. no.	Operating pressure	Connection 1	Connection 2
18 081	400 bar	G 1/8" male	G 1/4" female
18 084	400 bar	G 1/4" male	G 1/4" female
18 083	400 bar	G 1/8" male	G 1/4" female
18 082	400 bar	G 1/8" male	G 1/4" female

1.4 Area of application

- The swivels are constructed as rotating connectors for use in conjunction high pressure grease supply systems. They provide a rotating connection operating until max. operating pressure of 400 bar as well as at lower pressures without any restriction.
 - Example for operation:
 - Connection of a high pressure grease supply hose with a high pressure grease control gun.
- All swivels can be operated with any standard grease available.

2. General safety notes

2.1 Notes concerning work safety

- The swivel connectors are designed and manufactured with regards to the general safety requirements and according to the relevant European Community regulations.
- However, risks cannot be avoided if these products will not be used according to the recommended usage or when utilizing it without the necessary diligence and care.

- Please read therefore these Operating Instructions before operating the swivel connectors and pass these on to any other users.

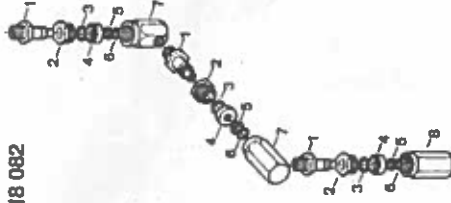
2.2 Risks when using the swivel connectors

- Misuse of our swivel connectors can possibly cause injuries for the user whilst working.
- Make sure that the max. operating pressure of 400 bar of the grease supply system will not be exceeded.
- Bursting swivel connectors will cause personal injuries.
- Please pay attention to local safety regulations whilst working.

3. Assembly

- Observe the instructions for correct assembly of thread connections.
- The use of appropriate sealants (e.g. Teflon tape) and tools for assembling is strictly recommended.
- Before first use check the tightness of the thread connections carefully.

18 082



18 083



18081
18084

