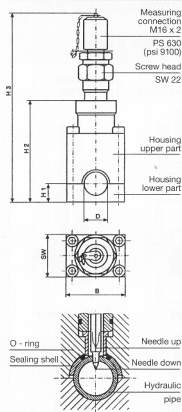


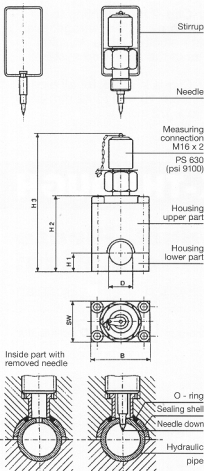
HYDRAULIC PIPE MEASURING CONNECTION

serv-Clip-1

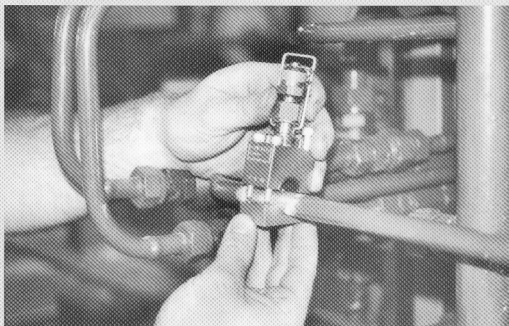


serv-Clip-2

Stirrup and needle are removed after screwing



- Quick, simple and cheap installation of a measuring connection
- Pressure measurement etc. even when there is no connection - one connection for a variety of measuring devices
- Particle measurement according to ISO or NAS classes
- No need to cut open pipes
- Using **serv-Clip-1** for measurements in hydraulic plants - without switching off a system - will save you considerable amount of time and costs
- For use with pipes with a working pressure up to 630 bar (psi 9100)
- Installation time for **serv-Clip** takes a few minutes only
- No special tools are required to install the **serv-Clip**
- **serv-Clip** is a patented product and registered trade mark of BKM



Description **serv-Clip-1** for mounting to pressurized pipes

The patented measuring connection **serv-Clip-1** is simply screwed onto the cleaned surface of the pressurized hydraulic pipe. It is not necessary to interrupt the operation of the system. A specially shaped steel needle is inserted through the wall of the pipe above the screw head. The screw head is then screwed back. The created hole is then open and it is possible to measure the pressure immediately. Of course, **serv-Clip-1** can also be mounted to pressureless pipes.

Materials

Housing	9SMnPb28k
Screw head	9SMnPb28k
O-ring	Viton
Sealing shell	St 37.4
Measuring needle	58CrV4

Every connection can easily be installed in a few minutes. The system is completely leakproof. Any pollution of the hydraulic liquid is impossible. After completing measurements **serv-Clip** remains in the pipe system and needs not be removed. The operational safety of the hydraulic system is maintained. The measuring connection remains permanently available for taking measurements.

Description **serv-Clip-2** for mounting to pressureless pipes

The patented measuring connection **serv-Clip-2** has been developed for mounting to pressureless hydraulic pipes. Following installation, the measuring connection is capable of permanent use for a working pressure of 630 bar (psi 9100). The **serv-Clip-2** is supplied in a preassembled state with measuring connection and needle. Screwing in the measuring connection presses a special-shaped needle through the wall of the pipe. Afterwards the measuring connection is screwed out and the needle removed along with the stirrup and a pressure disk. The measuring connection is now screwed back into the **serv-Clip-2**. The measuring connection is now sealed off and permanent pressure can be applied up to 630 bar (psi 9100). As a standard, every **serv-Clip** is supplied with measuring connection (screwed coupling M16 x 2).

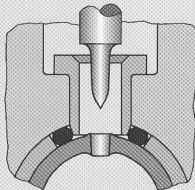
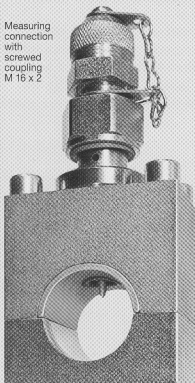


**A patented product
and registered trade mark
of BKM**

HYDRAULIC PIPE MEASURING CONNECTION

A faster, better and much more cost-efficient solution of measuring problems in hydraulic systems.

Measuring connection with screwed coupling M 16 x 2



Measurement without existing measuring connection!

Using *serv-Clip-1* pipe measuring connection, this can be done in only a couple of minutes - quickly and cost-efficiently. Just install it onto the pipe - even if the pipe is under a pressure of up to 630 bar (psi 9100) - and carry out your measurements. Pressure, temperature, rate of flow, counting of particles: one connection for a variety of measuring devices. Suitable for pipe diameters between 10 mm and 42 mm, available in steel and stainless steel 1.4571, with wall thicknesses up to 5 mm.

Order our technical information documents - or visit our home page. <http://www.servclip.com>

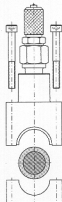
serv-Clip®

PIPE MEASURING CONNECTION

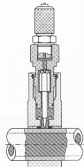
A needle is pressed through the wall of the pipe. It uses the principle of plastic deformation to create an opening with a diameter of approx. 2.2 mm. As the *serv-Clip* connection remains in the pipe system once it has been installed, it provides a permanent measuring connection.

With *serv-Clip* you will avoid trouble and save time and expenses.

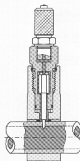
1. Place in position



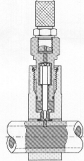
2. Screw down



3. Insert



4. Measure



Easy, isn't it?

Use *serv-Clip-2* for mounting to **pressureless** pipes. Advantage: even more cost-efficient while retaining all benefits of the *serv-Clip* system.

The *serv-Clip* is in stock for all pipe diameters from 10 mm to 42 mm and 3/8 inch to 1 1/2 inch.

THE TECHNOLOGICAL BREAK-THROUGH

serv-Clip®

PIPE MEASURING CONNECTION

is an exciting product. Please send me detailed information:

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☐ English

☐ French

☐ Spanish

Name, Title

Position, Dept.

Company

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City, ZIP

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distributor