

Fittings

A selection of hydraulic accessories is available for use in hydraulic systems. Measuring instruments, for example pressure gauges, are used for pressure monitoring and command devices, for example pressure switches, for pressure-controlled switching. Hydraulic accumulators are also available. Various fittings are available, which are used to connect these hydraulic devices to the pressure lines of HAWE hydraulic power packs and valves in various assembly situations. The devices can be combined using reducing connectors. Additional accessory parts such as screen and wire mesh filters safeguard the hydraulic devices against larger, stray impurities which may occasionally occur.

Features and benefits:

- Compact design
- Option of integration into the HAWE modular system
- Operating pressures up to 700 bar

Intended applications:

- General hydraulic systems



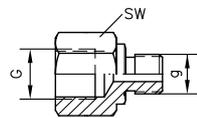
Nomenclature:	Reducing connector Connection fitting Screen filter Wire mesh filter Pressure gauge
Design:	Screw-in version for pipe connection
p_{max}:	350... 700 bar

Designs

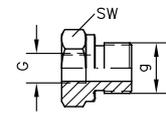
Reducing connectors (various dimensions)

G - g

- Internal thread - external thread
- BSPP thread - metric thread
- BSPP thread - BSPP thread
- Metric thread - metric thread



SW 19 - 55
Example: **G 1/2A - M 16 x 1.5**



Example: **G 1/2 - G 1A**

G - g

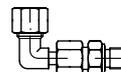
- Metric thread - BSPP thread

Fittings

- Connection fitting with tapped journal G 1/4
- Connection fitting with fastening nut and internal port G 1/4
- Connecting pieces for attaching the cutting ring for external pipe diameter 6 to 20 mm
- Straight screw-in fitting
- Swivel fitting
- L-fitting



Example:
Straight fitting
type X... G



Example:
Elbow fitting
type X... V



Example:
Swivel fitting
type X... S

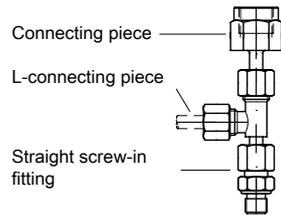
Symbol:



Fitting combinations

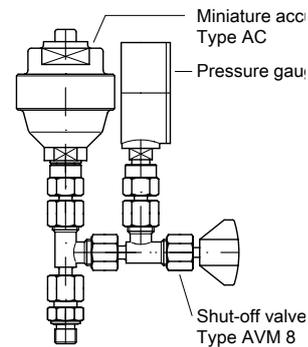
Consisting of:

- Connecting pieces
- Straight screw-in fitting
- Swivel fitting
- L-connecting pieces
- Elbow fitting
- AVM 8 shut-off valve
- Locking element



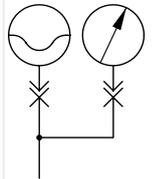
Example: **X 84T**

Symbol:



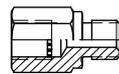
Example: **X 84U - AC 40/100-9/400**

Symbol:



Screen and wire mesh filters

- BSPP thread
- Metric thread
- Screw-in strainer type HFC (hole AE 0.63 mm)
- Screw-in wire mesh filter disc type HFC.. F (filter fineness approx. 100 μm)
- Also available with housing



Example:
HFE 3/8
Strainer with housing (hole AE approx. 0.5 mm), with connection thread G 3/8(A)



Example:
HFC 1/4 F
Screw-in wire mesh filter disc for port G 1/4, filter fineness approx. 100 μm

Symbol:



Associated technical data sheets:

- [Reducing connector: D 845](#)
- [Fitting type X: D 7065](#)
- [Fitting type X 84: D 7077](#)
- [High-pressure screen filter type HF: D 7235](#)
- [Shut-off valve type AVT and AVM: D 7690](#)