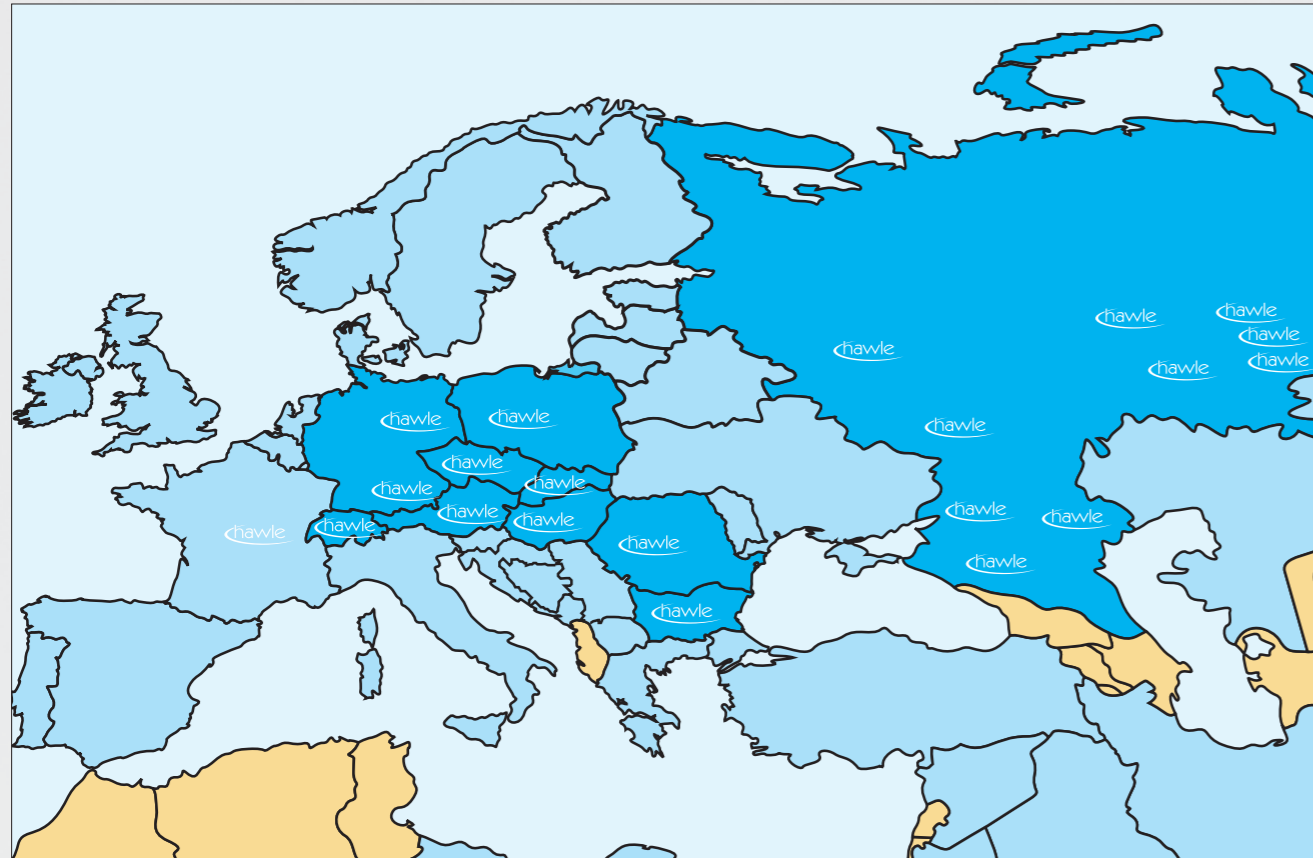




HAWLE-PRODUCTS ALL OVER THE WORLD since 1948



-  HAWLE subsidiaries
-  HAWLE partners

Illustrations, technical data, dimensions and weights are subject to alteration without notice.

Your distributor:



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Telefax: +43 (0)7672 784 64  
E-mail: hawle@hawle.at



## HAWLE-RANGE OF PRODUCTS



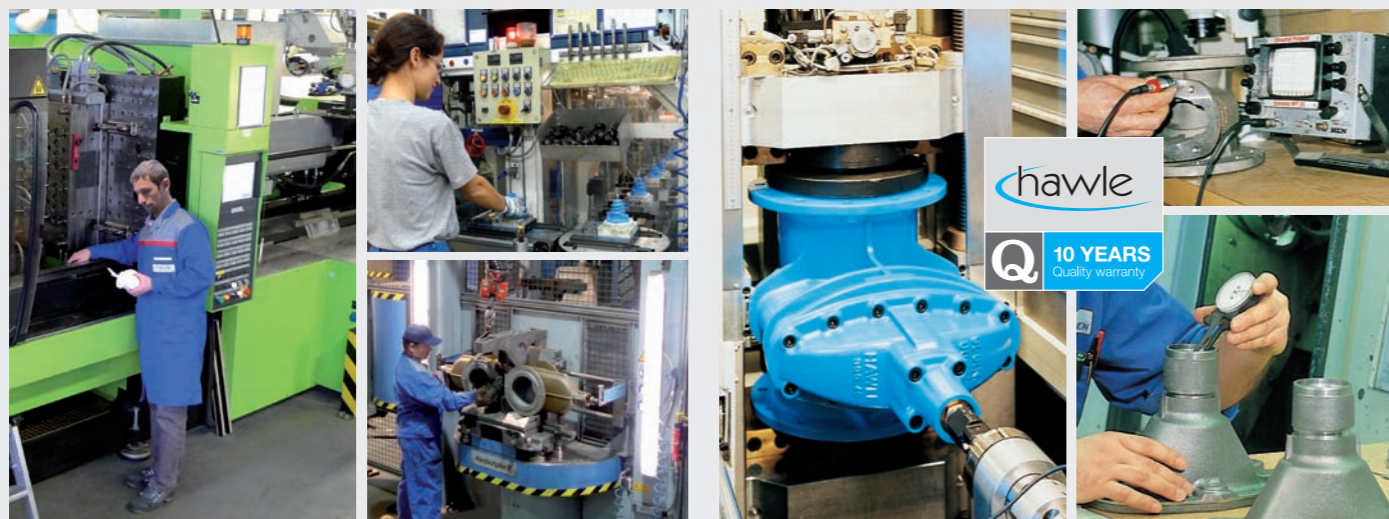
HAWLE. **MADE FOR GENERATIONS.**



## HAWLE - WARRANTY OF QUALITY / QUALITY ASSURANCE

Hawle valves and fittings are manufactured according to the latest findings of materials technology. Hawle warrants for original Hawle valves and fittings bearing the "hawle" sign for perfect functioning for a period of 10 years after delivery ex factory. This warranty includes all valves and fittings that are properly applied in the field of drinking water supply according to their intended use – in case of gas valves and fittings the warranty applies to the extent that they are used for the distribution of fuel gases pursuant to EN 437.

For details regarding our 10-year warranty please refer to our homepage [www.hawle.at/Qualität](http://www.hawle.at/Qualität).



High quality corrosion protection using the fluidised bed epoxy coating system according to the standards of GSK, the association for high quality corrosion protection (RAL quality mark).

### The environmentally friendly solvent-free powder coating technology!

Drinking water is a valuable asset. Clear drinking water is the indispensable basis of our everyday life. Therefore drinking water lines not only have to work trouble-free and steadily but they also have to be hygienically impeccable.

The GSK Quality Association for the Heavy Duty Corrosion Protection of Powder Coated Valves and Fittings has committed itself and its members to setting highest quality standards in terms of corrosion protection of drinking water valves and fittings and ensuring these standards by tests carried out at regular intervals (internal and external audits).



Illustration left:  
**Fluidized bed:** Epoxy powder coating at 200°C

Illustration top right:  
**Measuring coating thickness:** min. 250 µm

Illustration bottom right:  
**Dielectric strength test:** Spark test at 3000 V  
Zero porosity and therefore no disbonding.

Regular testing of coating thickness, adhesion, zero-porosity as well as impact resistance according to DIN 30677 T2

Hygienically safe and approved for food handling

## HYDRANTS



### H4

#### H4 HAWLE-Above Ground Hydrants

ÖNORM F 2010 - EN 14384

Types: Stainless steel hydrants  
Cast iron hydrants  
Hydrant "rigid"  
Hydrant „break away“  
Hydrant with „drop jacket“  
different lengths and outlets

#### Below ground hydrants

Types: Flange connection DN 80  
BAIO spigot end DN 80  
Tele below ground hydrant DN 80 with integral stand pipe  
BAIO spigot end  
BS-Underground Hydrant DN 80

#### Height adjustable below ground hydrant

Flange connection DN 80 **NEW**  
BAIO spigot end DN 80 **NEW**

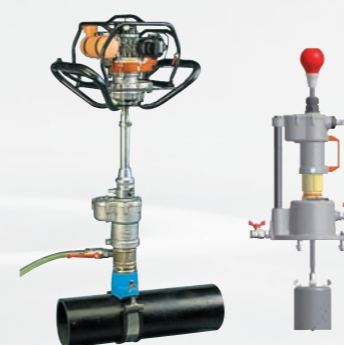
## CONTROL VALVES



#### Hydraulic control, to PN 25, DN 32-700

- Pressure Reducing Valves
- Pressure Relief and Safety Valves
- Solenoid Controlled Valves
- Flow Control Valves
- Back Flow Preventer
- Float Valves
- Check Valves
- Pump Control Valves
- Pipe Burst Safety Shut-Off Valves

## TOOLS



#### HAWLE-Drilling Machines

for drilling under pressure  
for quick and simple drilling of DCI, steel, AC and plastic pipes  
Options: • manual operation • petrol engine drive • pneumatic drive  
Further: Operating Key, Chamfering Tool, Extractors and much more.

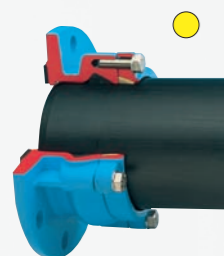
#### Drilling machine DN 150 **NEW**

With special core drill (d 140 mm) for drilling of PE pipes (up to d 630 mm) under pressure (PN 16).

## SUNDRIES

**Strainers – non-return valves – pipeline spacers – warning tapes – indicator plates – and much more!**

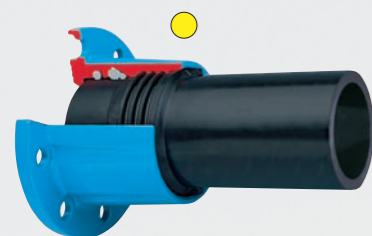
## FLANGES



No. 0400  
SYSTEM 2000  
for PE + PVC-Pipes



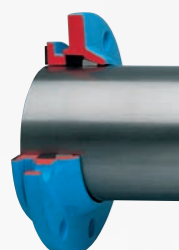
No. 5500  
No. 5530



No. 0310  
No. 0311



No. 7101  
No. 7102/7402  
No. 7103  
No. 5600/5630



No. 7601  
No. 7602



No. 0101/1001  
No. 0102/1002

### FOR PE PIPES

#### Flange adaptor "System 2000" **New**

No. 0400 for pipe Ø 63 - 630 mm

#### ISO pipe flange adaptor **New**

No. 5500 equal, No. 5530 reduced  
for pipe Ø 32 - 140 mm

#### Flange adaptor with PE fusion tail PE 100

No. 0310 PN 10 / No. 0311 PN 6  
for pipe Ø 63 - 225 mm

### FOR PVC PIPES

#### Flange adaptor "System 2000"

No. 0400  
for pipe Ø 63 - 630 mm

#### Double chamber flange adaptor

No. 5600 equal, No. 5630 reduced  
(with reducing ring)  
for pipe Ø 63 - 400 mm

### FOR DCI PIPES

#### Flange adaptor restraint

No. 7602 DN 50-300

#### Double chamber flange adaptor

No. 7102 equal, No. 7402 reduced  
(with reducing ring)  
DN 40 - 400

#### Spar flange

No. 0102 equal, No. 1002 reduced  
(with reducing ring)  
DN 40 - 600

### FOR STEEL PIPES

#### Flange adaptor restraint

No. 7601 DN 50 - 200

#### Double chamber flange adaptor

No. 7101 DN 40 - 300

#### Spar flange

No. 0101 equal, No. 1001 reduced  
(with reducing ring)  
DN 20 - 500

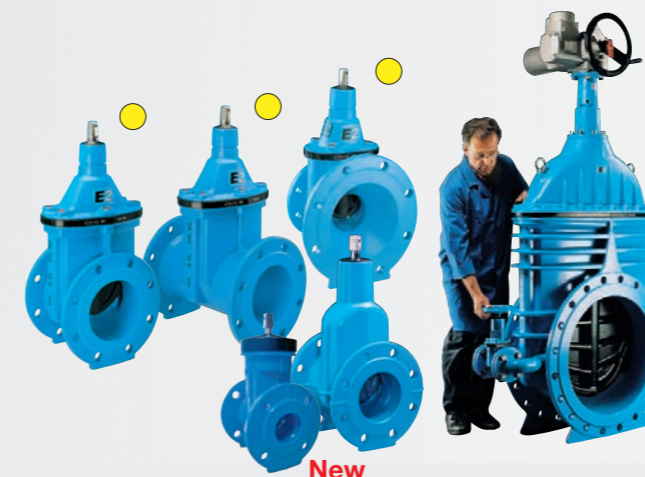
### FOR AC PIPES

#### Double chamber flange adaptor

No. 7103 DN 80 - 150

## GATE VALVES

● Also available in modified version for gases according to EN 437  
Attention! Different pressure ratings and other order numbers.



### Gate valve flanged ends of ductile iron - PN 16

No. 4000A short pattern DN 50/65/80/100/125/150/200 **New**  
No. 4000E2 short pattern DN 20 - 600  
No. 4010E2 short pattern DN 50 - 200, PN 25  
No. 4700A long pattern DN 50/65/80/100/125/150/200 **New**  
No. 4710E2 long pattern DN 200 - 300, PN 25  
No. 4700E2 long pattern DN 40 - 600  
No. 4150E2 reduced DN 65/100 - 250/300



### Gate valve spigot ends

of ductile iron - PN 16  
No. 4100E2 DN 50 - 400  
No. 4140E2 length 600-860 mm  
DN 80 - 300

### Knife gate valve

of cast iron, non-rising spindle,  
up to DN 200 PN 10, from DN 250 PN 6

No. 3600 DN 50 - 400  
No. 3600EL with adaptor for actuator  
DN 80 - 400

### Gate valves with sockets for PE and PVC pipes

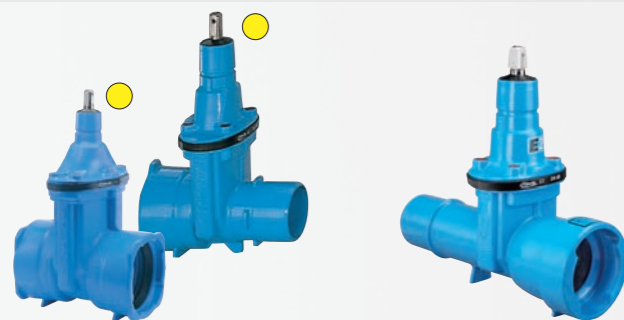
of ductile iron, PN 16, total restraint, DN 50 - 300

No. 4040E2 System 2000  
No. 4041E2 System 2000 / socket-flange

### Gate valve for PE fusion with PE fusion tail(s) of PE 100 of ductile iron

No. 4000AE	PE - PE	PN 16	DN 80, 100, 150 <b>New</b>
No. 4050E2	PE - PE	PN 10	DN 25 - 200
No. 4051E2	PE - PE	PN 6	DN 25 - 200
No. 4090E2	flange - PE	PN 10	DN 50 - 200
No. 4091E2	flange - PE	PN 6	DN 50 - 200

## GATE VALVES



### Gate valve socket ends for ductile iron pipes

of ductile iron, PN 16

- No. 4500E2 BAIO-BAIO DN 80 - 300
- No. NL00E2 BAIO spigot end DN 80 - 200
- No. 4027E2 VRS socket – VRS spigot end DN 80 - 200

## RESTRAINT SYSTEMS

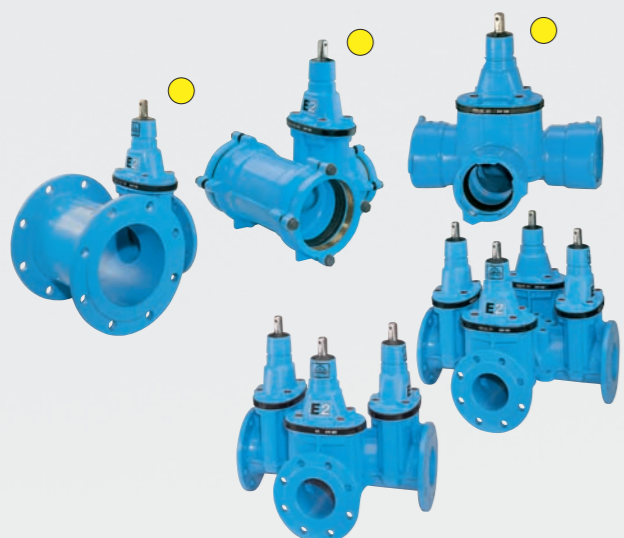


### No. 1254 PVC restraint clamp

socket to pipe, of ductile iron for pipe Ø 63 - 315 mm

No. 9240 PVC and PE pipe coupling pipe to pipe, of ductile iron for pipe Ø 75 - 225 mm

## COMBI VALVES



### Combi-T

of ductile iron, PN 16

- No. 4340E2 flanges, equal and reduced DN 50 - 200
- No. 4343E2 System 2000, equal and reduced DN 50 - 200
- No. NL10E2 BAIO system, equal and reduced (also available with lateral ZAK outlet) DN 80 - 200

### Combi-III\* of ductile iron PN 16 DN 80 - 200

No. 4450E2 with 2 or 3 valves

### Combi-IV\* of ductile iron PN 16 DN 80 - 200

No. 4400E2 with 2, 3 or 4 valves

\* Also available with vertical centre outlet or lateral threaded outlets

## FITTINGS



### Fittings for PE pipes up to PN 16

#### Hawle FIT

of highest quality polymers

Fittings with female or male thread - connectors - elbows - tees for pipe Ø 25 - 63 mm

#### ISO Fitting

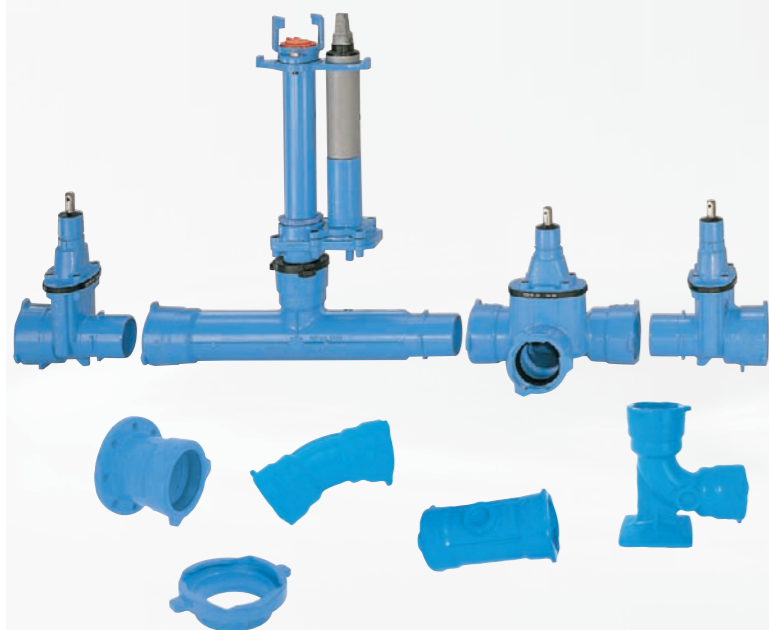
of ductile iron and POM (also available for PVC pipes with a carborundum grip ring)

● Use with gas on request

Fittings equal or reduced - female thread, male thread or ZAK outlet - connectors- elbows - tees - wall inlet fittings

Other versions on request

## BAIO SYSTEM



### BAIO System

The modular flangeless and restraint valve and fitting system

- No flanges - no bolts
- Fewer connections
- Simple and quick installation
- Very compact
- Each socket is suitable for PE/PVC pipes or DCI/ steel pipes simply by changing the socket gasket
- Socket with multiple function, leaktight and restraint
- Saving on warehouse costs

## PIPE SADDLES



of ductile iron, strap of stainless steel for DCI, steel and AC pipes

### Universal pipe saddle

No. 3500 with internal threaded outlet DN 50 - 600  
 No. 3510 with flanged outlet DN 80 - 600  
 No. 3540 with ZAK outlet DN 65 - 500

### Universal shut-off saddle

for drilling under pressure  
 No. 3800 with internal threaded outlet DN 50 - 300  
 No. 3810 with ZAK outlet DN 65 - 500



### HAKU pipe saddles

of ductile iron, for PE and PVC pipes  
 No. 5250 with internal threaded outlet pipe Ø 25 - 500 mm (from Ø 280 mm supplied as saddle piece with strap)

No. 5260 with ZAK outlet, pipe Ø 63 - 225 mm  
 No. 5230 with flanged outlet DN 80 - 100 pipe Ø 110 - 630 mm

### HAKU shut-off saddle

for drilling under pressure, of ductile iron  
 No. 5310 with internal threaded outlet  
 No. 5320 with ZAK outlet, pipe Ø 90 - 225 mm for PE and PVC pipes of all pressure ratings up to PN 16 pipe Ø 63 - 225 mm

### HAWELD electrofusion saddle

for PE pipes  
 No. 5261 with ZAK outlet pipe Ø 90 - 225 mm

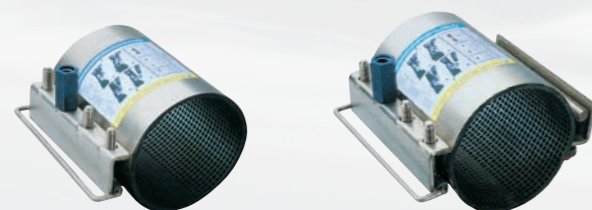
## SHUT-OFF ADAPTOR



### Shut-off adaptor

of ductile iron  
 for drilling under pressure  
 No. 3720 with threaded outlet DN 1" - 2"  
 No. 3721 with ZAK outlet

## REPAIR CLAMPS



### Pipe repair clamp

for DCI, steel, AC and PVC pipes  
 No. 0750 „single lug“ pipe Ø 54 - 430 mm, length 150 - 380 mm  
 No. 0751 „double lug“ pipe Ø 87 - 471 mm, length 200 - 380 mm  
 Other versions on request

## SERVICE VALVES



### with internal thread both ends

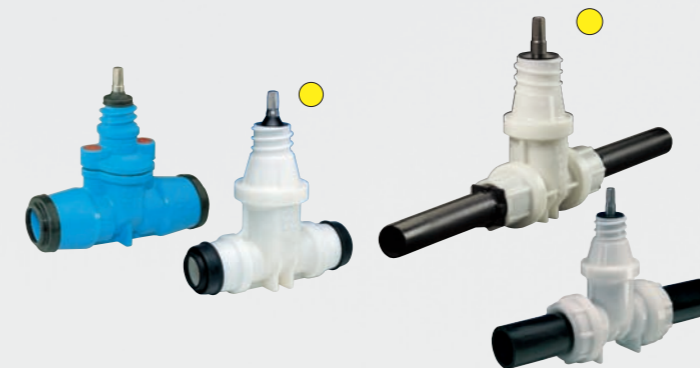
No. 2500 of ductile iron DN 1/2" - 2"  
 No. 2510 of brass DN 1" - 2"

### with internal and external thread

No. 2520 of ductile iron DN 1" - 2"

### with external thread

+ ISO-fitting for PE pipe  
 + internal thread for drilling machine or steel pipe connection  
 No. 2800 of ductile iron DN 1" - 2"



### with ISO fittings for PE pipe both ends

No. 2600 of ductile iron DN 3/4" - 2"  
 No. 2630 of POM DN 1/2" - 2"

### with PE fusion tails

No. 2670 of POM PN10 DN 1" - 2"  
 No. 2671 of POM PN 6 DN 1" - 2"  
 No. 2660 of POM PN 16 DN 1" d 32 - 1 1/2" d 63

### ISO combination service valves

DN 1" - of POM  
 One valve with 5 ISO push-fit fittings for PE pipes Ø 25, 32, 40, 50 and 63 mm (for PVC pipes on request)

No. 2680 **Combination tapping valve**  
 No. 3150 **Combination service valve**  
 No. 2650 **Service valve of POM with twin conical male threads**



### Service valves / drainage valves

of ductile iron DN 1" - 2"  
 No. 3120 with internal threaded outlet  
 No. 3130 with ISO outlet for PE pipes (for PVC pipes on request)  
 No. 2491 with internal threaded outlet both ends and automatic drainage device with pressure control

## SERVICE VALVES



**Hawlinger pipe drilling saddles**  
of ductile iron  
with internal thread 1" / 1¼" / 1½"

No. 2402 **Universal Hawlinger**  
for DCI, steel and AC pipes DN 80 - 400

No. 2300 **HAKU Hawlinger**  
for PVC and PE pipes Ø 90 - 225 mm

No. 2200 **Hawlinger adaptor valve**  
external thread 1¼" / 1½" / 2"

## ACCESSORIES



**Surface boxes**  
for water and gas, adjustable or non-adjustable  
for gate valves - service valves - combi valves - combined air release valves - below ground hydrants

**Extension spindles**  
rigid or telescopic, for gate valves - service valves - combi valves  
Various pipe cover depths available

**Handwheel** DN 25 - 600  
In addition: flat gaskets, bolts, etc.

**Pillar** (head stock)  
HAWAK No. 9894 manually actuated  
No. 9895 electric actuator

## ZAK SYSTEM



**ZAK System**  
**No thread - no additional seal - no incrustation**

**ZAK the threadless restraint jointing system for service connections**

Integrated in pipe saddles, service valves and fittings

Simple installation:  
Push in - turn by 90° - pull out - fit the snap ring - done !

## AIR VALVES



**Automatic air valves**

1" No. 9876, PN 0.1 - 6 / PN 0.8 - 16, of POM

2" PN 0.1 - 6 / PN 1 - 16, of POM  
No. 9876, with internal thread  
No. 9874, with flange

**DN 80 - 100** PN 0.2 - 6 / PN 0.8 - 16, of grey iron  
No. 9835, valve double orifice  
No. 9836, valve double orifice, with additional PE pipe outlet

**DN 150 - 200** PN 0.2 - 6 / PN 0.8 - 16, of grey iron  
No. 9835, valve double orifice

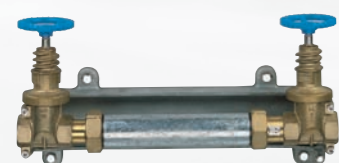
**DN 50 - 200** PN 0 - 16, for waste water,  
No. 9864, with flange, of stainless steel  
No. 9863, with flange, St. 37, epoxy powder coated  
(DN 50 also available with female thread connection 2")

**Combined Air Release Valve**

**DN 50/80** No. 9822 PN 1 - 16  
No. 9823 PN 0.1 - 6

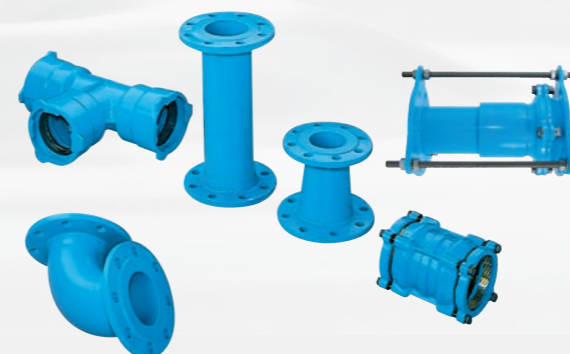
**DN 80** PN 0 - 16, for waste water  
No. 9827, with BAIO spigot end DN 80  
No. 9828, with flange connection DN 80

## WATER METER CONSOLE



**Water meter console**  
DN 1" - 2"  
DN 1" with ZAK 34 connection

## FITTINGS



- VARIO the flexible fitting **NEW**
- Fittings for PE and PVC pipes „System 2000“ total restraint
- Flanged fittings
- Fittings „System BAIO“  
Use with gas on request