



ISO Combination Valves for Service Connections



hawle

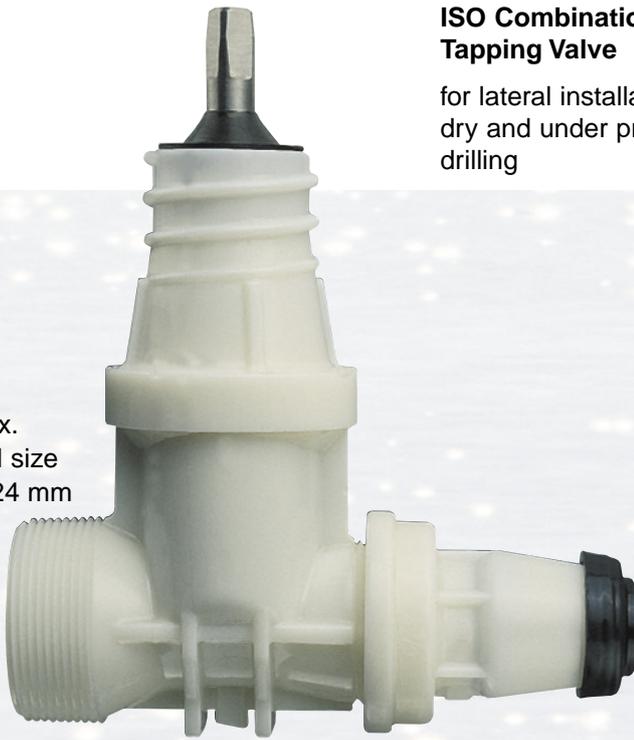
ISO Combination Valves

for Service Connections

No. 2680 ISO Combination Tapping Valve

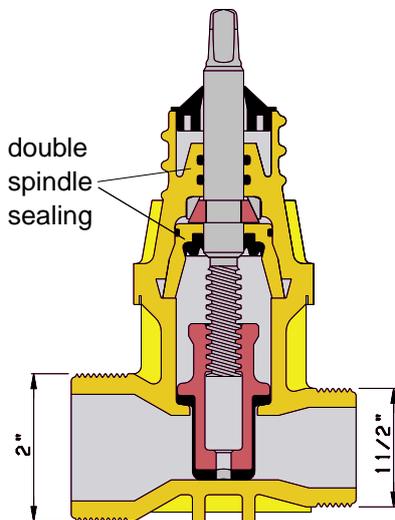
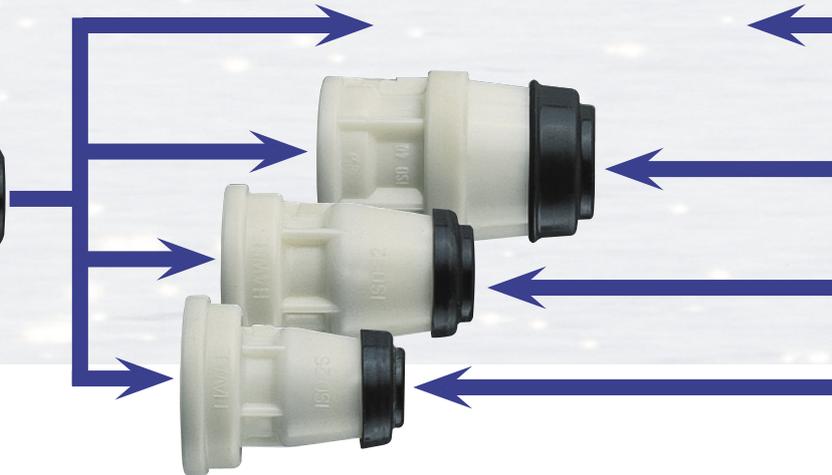
for lateral installation,
dry and under pressure
drilling

max.
drill size
Ø 24 mm



No. 6221F ISO Push-fit Fitting

PE Ø 25, 32, 40, 50, 63 mm



ISO Combination Tapping Valve DN 1"

with 2" male thread for mounting onto saddle and 1 1/2" male thread for attachment of the drilling machine and for the ISO push-fit fitting No. 6221F

Sealing system:

The contact between wedge and body is friction free. Therefore no scuffing or abrasion of the wedge.

PN 16 - Application: water

Materials:

Body: polyacetal (POM), tensile strength 7000 N/cm²

Wedge: CuZn39Pb3 (Ms 58), elastomer, suitable for potable water

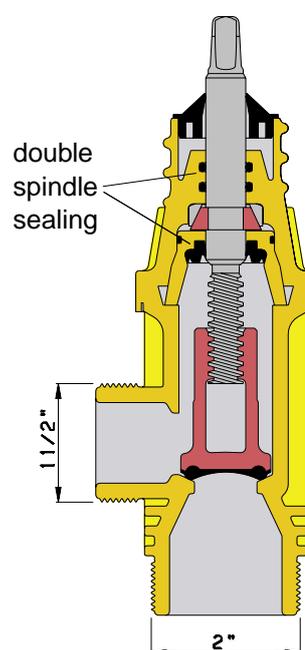
Spindle: stainless steel 1.4021 (X20Cr13)

(see Hawle water catalogue)

- a robust design of polyacetal (POM)
- total corrosion-free
- male thread 1½" for ISO push-fit fittings
PE-pipes Ø 25/32/40/50/63 mm
- reduces stockholding

**No. 3150
Combination-
Service Valve**

for vertical installation



ISO Combination Service Valve DN 1"

with 2" male thread for mounting onto saddle and 1½" male thread for ISO push-fit fitting No. 6221F

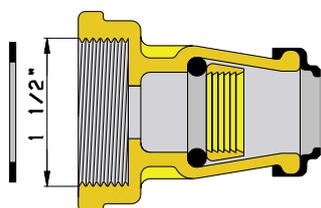
Sealing system:

The contact between plug and body is friction free. Therefore no scuffing or abrasion on the plug.

PN 16 - Application: water

Materials:

- Body: polyacetal (POM)
tensile strength 7000 N/cm²
 - Plug; CuZn39Pb3 (Ms 58)
elastomer, suitable for potable water
 - Spindle: stainless steel 1.4021 (X20CR13)
- (see Hawle water catalogue)



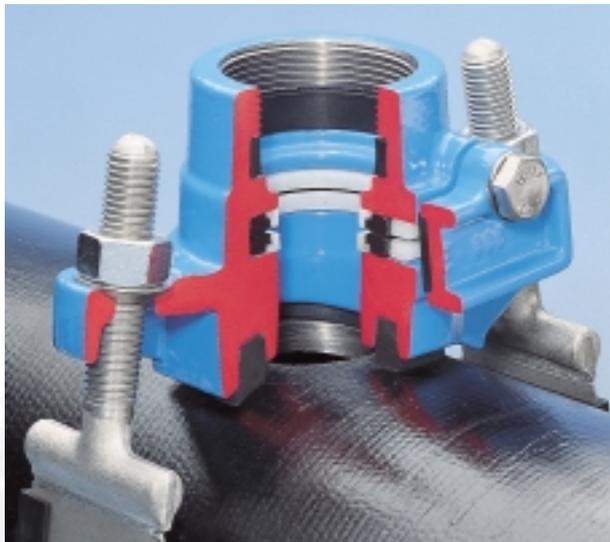
**No. 6221F
ISO Push-fit Fitting**

of polyacetal (POM), female thread 1½"
push-fit socket for PE pipes up to PN 16
pipe Ø 25/32/40/50/63 mm

The backing washer („Aqua-rubber“) eliminates sealing with hemp, therefore quick assembly!

Examples for use

Shut-off Saddle with O-Ring No. 3800



- for ductile cast iron, steel and AC pipes
- DN 50 - 600
- saddle body of ductile iron, epoxy powder coated
straps, bolts and nuts of stainless steel
- the protecting ring (elastomer) reliably prevents corrosion and encrustation (blank threads are not exposed to the water).

drilling under pressure

PE and PVC pipes

HACOM Shut-off Saddle No. 3370



- economic version for ductile cast iron and steel pipes DN 80 - 200 (steel pipes: exchange of the lower rubber liner required)
- saddle body of ductile iron, epoxy powder coated
hexagon bolts corrosion protected by Delta-Magni coating
- the protecting ring (elastomer) reliably prevents corrosion and encrustation (blank threads are not exposed to the water).



HAKU Saddle No. 5250
ISO Combination Tapping Valve No. 2680
(see Hawle water catalogue)



HAKU Shut-off Saddle No. 5310
ISO Combination Service Valve No. 3150
(see Hawle water catalogue)

Examples for use drilling under pressure

Ductile cast iron, steel and AC pipes



Universal Pipe Saddle No. 3500
ISO Combination Tapping Valve No. 2680
(see Hawle water catalogue)

Ductile cast iron and steel pipes



HACOM Pipe Saddle No. 3350
ISO Combination Tapping Valve No. 2680
(see Hawle water catalogue)



Shut-off Saddle with O-Ring No. 3800
ISO Combination Service Valve No. 3150
(see Hawle water catalogue)



HACOM Shut-off Saddle No. 3370
ISO Combination Service Valve No. 3150
(see Hawle water catalogue)

Extension Spindles

- robust design
- all metallic parts totally corrosion protected (spindle shaft and telescopic key tube hot-galvanized)
- protected against silting-up
- easy to assemble

— sealing cap

Recommendation!
Use the HAWLE Base Plate No. 3480 for easier adjustment of the extension spindle and as a base for the surface box.

O-ring sealing seals against water and dirt
secures the spindle shaft against separation

extended cap prevents an early silting-up of the spindle head

— spindle shaft
— protecting tube can be shortened on site, if necessary

The extension spindle is firmly fixed to the valve by the threaded connection
No additional fixing (pins, etc.) necessary.

— telescopic key tube

friction cap seals against water and dirt
keeps the whole unit in the adjusted position

— spindle shaft

— friction plug centers the spindle shaft during transport and installation and secures against separation

rigid type
No. 9101
standard 1.5 m

telescopic type
No. 9601
standard 1.3 - 1.8 m

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

Your distributor:



E. Hawle Armaturenwerke GmbH

A-4840 Vöcklabruck - AUSTRIA
Wagrainer Straße 13
www.hawle.at

Telefon: +43 (0)76 72-72 576-0 Serie
Telefax: +43 (0)76 72-78 464
E-mail: hawle@hawle.at