

SOLUTIONS FOR HEATING AND DRINKING WATER SYSTEMS



HUMMEL - reliable connection solutions for heating and sanitary

Drinking water systems

- // Steel pipe adapters
- // Compression fittings
- // Connecting parts + nipples

Heating systems

- // Connection technology
- // Radiator connections
- // Venting / Outflow

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LEGEND

Abbreviations and Certificats

Abbreviations technical features

| | |
|----------|------------------------|
| A1 [mm] | Length measure 1 in mm |
| A2 [mm] | Length measure 2 in mm |
| AG1 | Length dimension 1 |
| AG2 | Length dimension 2 |
| AG3 | Length dimension 3 |
| AG4 | Length dimension 4 |
| AM [mm] | Axial dimension in mm |
| AT1 | Connection size 1 |
| AT2 | Connection size 2 |
| AT3 | Connection size 3 |
| AT4 | Connection size 4 |
| B [mm] | Width in mm |
| GL1 [mm] | Thread length 1 in mm |
| GL2 [mm] | Thread length 2 in mm |
| H [mm] | Height in mm |
| Lv [mm] | Variable length in mm |
| L [mm] | Length in mm |
| R [mm] | Pipe dimension in mm |
| SW1 [mm] | Wrench size 1 in mm |
| SW2 [mm] | Wrench size 2 in mm |
| SW3 [mm] | Wrench size 3 in mm |
| SW4 [mm] | Wrench size 4 in mm |
| SW5 [mm] | Wrench size 5 in mm |

Certificats



DVGW The German Technical and Scientific and Water Industry (DVGW) certifies the safety according to DIN 1988 in water supply



UBA All materials used comply with the hygienic specifications of the Federal Environment Agency (UBA)



H & T These products can be used in both heating and drinking water systems.



ÜA The ÜA mark (conformity Austria) is a legally prescribed proof for building products



made of lead-free brass

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INSTALLATION VIDEOS

SpeedFIX compression fitting

With HUMMEL compression fittings, pipes and fittings can be securely connected in just three steps: Attach, tighten, fix.



Diverters

When changing radiators, there is always the problem of a reversed flow and return. Diverters ensure the correct direction of flow.



Steel pipe adapters

Steel pipe adapters are ideal for mounting radiators or other fittings to existing connections: no welding, no thread cutting.



Flexible radiator connections

This popular problem solver is always used when the pipe spacing to the new radiator no longer fits. For installation ranges from 65 to 410 millimetres.



Emergency service case

With the emergency service case, plumbers have compression fittings for all common pipe types on board and are thus prepared for all eventualities.



Steel pipe adapter for drinking water systems

This steel pipe adapter is DVGW-certified and thus meets all hygienic requirements for safe use in drinking water systems.



For heating and drinking water systems

Connection solutions from HUMMEL AG can be used in both heating and drinking water systems. The products are made of UBA-compliant materials and thus fulfil relevant hygiene requirements of the Federal Environment Agency. The range includes compression fittings, connection parts, nipples and steel pipe adapters.

One solution for two systems – this principle brings numerous advantages:

- // More safety for the craftsman
- // No risk of confusion on the construction site
- // Simple and uncomplicated procurement
- // Lean and clear stock-keeping
- // Simple assembly without special tools in both systems



These problem solvers belong in every service van

Every tradesman knows the situation: emergency service call! After a pipe burst, a leak must be sealed; pipe type and pipe dimension are not known. If you have HUMMEL problem solvers in your service van in such situations, you can provide a quick solution. With compression fittings and connection parts, HUMMEL has the right solution in its range for almost every type of pipe.

However, renovations can also pose problems. Pipe transitions, height compensations or different distances are common challenges for all renovators.

Differing distances

- // Excenter for connection fittings
- // Flexible radiator connections
- // Reductions



Different pipe connections

- // Compression fittings MKV-K, MKV-M, SpeedFIX
- // For plastic, composite and metal pipes
- // Connecting parts and nipples



Height compensation

- // Cone adapters
- // Telescopic connections
- // Extensions for connection fittings



Interchanged flow and return

- // Deflection pieces
- // Straight-through or corner form
- // For one and two pipe systems



MKV-K: 28 new renovation sets

These renovation sets belong in every service vehicle! They offer the right bolting solution for more than 70 different plastic and metal composite pipes. All common pipe diameters and wall and wall thicknesses are covered.

The way to the right solution is very simple. The specially developed, free MKV app is the ideal product finder: measure the pipe, enter the values, display the appropriate set, call up the data sheet and forward it if necessary.

The new fitting sets are specially designed to meet the needs of tradesmen in renovation work. The resealable packaging contains 10 multi-range compression fittings plus a suitable calibration tool. This pre-treats the pipes so that a secure and permanently reliable connection is guaranteed.

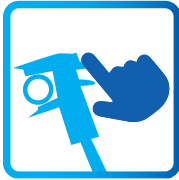
NEW!
28 MKV-K-Sets
for
renovation



MKV-K Finder: The app for all cases



Quick and easy to find the right connection solution. It's so easy with the HUMMEL app: measure the pipe, enter the values, display the suitable connection solution and, if required, send it straight to your preferred dealer. The great thing about it: it works from anywhere. Whether on the construction site, in the service van, in the workshop or in the office.



Step 1: Measure

Simply measure the outside and inside diameter of the pipe to be processed with a caliper gauge



Step 2: Enter values

Open the HUMMEL app on your smartphone or PC. Transfer values to the input mask



Step 3: Display results

At the touch of a button, the desired solution appears with all the necessary technical information

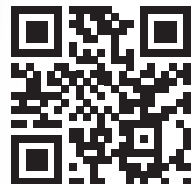


Step 3: Display results

The technical data sheet is simply sent by e-mail to the preferred dealer



easy product selection
with the MKV-App



Prepared for all eventualities

Emergency service in the plumbing, heating and air-conditioning trade can quickly become an exceptional situation. A burst pipe at the weekend or on a public holiday, a leak in a rare type of pipe, damage in a hard-to-reach place - every tradesman knows these unforeseeable challenges.

It's good if you can then rely on the equipment in the service van. An indispensable component here: the HUMMEL emergency service case. This means that the tradesman always has the right compression fitting to hand. The range covers all common pipe sizes and types and thus always offers a quick solution for damaged areas.

The special feature here is that the compression fittings and connection parts can be used in heating systems as well as in drinking water systems. The products are certified according to the requirements of the Federal Environment Agency and thus fulfil all hygienic requirements for use in drinking water systems.

More safety in emergency service: a suitcase full of solutions

- // For heating and drinking water systems
- // MKV-K for plastic and metal composite pipes
- // MKV-M for copper, precision steel and stainless steel pipes
- // Simple installation without special tools
- // Suitable even for hard-to-reach areas



to the product video

Emergency service case

Item-No 2 810 0320 13



| Article | AG1 | AG2 | Quantity | Item-No |
|---------------------------|-------|--------------|----------|---------------|
| Coupling nipple MKV | G 3/4 | G 3/4 | 2 pieces | 2 253 3434 00 |
| Coupling nipple MKV | G 3/4 | G 3/4 | 2 pieces | 2 253 3434 01 |
| Reduction piece MKV | G 1/2 | G 3/4 | 2 pieces | 2 254 1244 01 |
| Reduction piece | G 5/8 | G 3/4 | 2 pieces | 2 254 5834 01 |
| Connecting nipple | G 3/4 | G 1/2 | 2 pieces | 2 554 1234 00 |
| Connecting nipple | G 3/4 | G 1/2 | 2 pieces | 2 554 1234 01 |
| Connecting nipple | G 3/4 | G 3/4 | 2 pieces | 2 554 3434 00 |
| Sealing cap | G 3/4 | — | 2 sets | 2 810 0279 13 |
| Compression fitting MKV-M | G 3/4 | 10 – 12 mm | 1 set | 2 855 0001 01 |
| Compression fitting MKV-M | G 3/4 | 13 – 15 mm | 1 set | 2 855 0002 01 |
| Compression fitting MKV-M | G 3/4 | 16 – 18 mm | 1 set | 2 855 0003 01 |
| Compression fitting MKV-K | G 3/4 | 12 x 2 mm | 1 set | 2 862 1202 01 |
| Compression fitting MKV-K | G 3/4 | 14 x 2 mm | 1 set | 2 862 1402 01 |
| Compression fitting MKV-K | G 3/4 | 16 x 2 mm | 1 set | 2 862 1602 01 |
| Compression fitting MKV-K | G 3/4 | 16 x 2.25 mm | 1 set | 2 862 1622 01 |
| Compression fitting MKV-K | G 3/4 | 17 x 2 mm | 1 set | 2 862 1702 01 |
| Compression fitting MKV-K | G 3/4 | 17 x 2.5 mm | 1 set | 2 862 1725 01 |
| Compression fitting MKV-K | G 3/4 | 18 x 2 mm | 1 set | 2 862 1802 01 |
| Compression fitting MKV-K | G 3/4 | 20 x 2 mm | 1 set | 2 862 2002 01 |
| Compression fitting MKV-K | G 3/4 | 20 x 2.5 mm | 1 set | 2 862 2025 01 |
| Compression fitting MKV-K | G 3/4 | 20 x 2.9 mm | 1 set | 2 862 2029 01 |

Service case Steel pipe adapter: simple, safe, clean

When replacing a radiator or installing a fitting, no one has to weld or cut threads any more. With the right steel pipe adapter, installation is simple, safe and above all: a clean affair. The steel pipe adapter is simply pushed onto the dirt-free pipe and tightened. This works even in the tightest spaces and under difficult installation conditions.

The specially designed HUMMEL service case is clearly equipped with many variants and sizes of steel pipe adapters. There are versions for fittings with Eurocone, internal or external thread. This means that the fitter always has the required version to hand and is prepared for any installation situation on site.

This service case saves time and long journeys

- // 11 steel tube adapter variants
- // All installation solutions just a handle away
- // High retention forces due to EPDM seal plus stainless steel claw
- // Maximum operating pressure: 10 bar
- // Operating temperature in heating systems: up to 120 °Celsius



to the product video

Steel pipe adapter case

Item-No 2 810 0320 20



| Article | AG1 | AG2 | Quantity | Item-No |
|---|-------|-----|----------|---------------|
| Steel pipe adapters with Eurocone internal thread | G 3/4 | 1/2 | 2 pieces | 2 353 1234 01 |
| Steel pipe adapters with Eurocone internal thread | G 3/4 | 3/8 | 2 pieces | 2 353 3834 01 |
| Steel pipe adapter with Eurocone external thread | G 3/4 | 1/2 | 2 pieces | 2 354 1234 01 |
| Steel pipe adapter with Eurocone external thread | G 3/4 | 3/4 | 2 pieces | 2 354 3434 01 |
| Steel pipe adapter with Eurocone external thread | G 3/4 | 3/8 | 2 pieces | 2 354 3834 01 |
| Steel pipe adapters with external thread | R 1 | 1 | 2 pieces | 2 355 1010 01 |
| Steel pipe adapters with external thread | R 1/2 | 1/2 | 2 pieces | 2 355 1212 01 |
| Steel pipe adapters with external thread | R 3/4 | 3/4 | 2 pieces | 2 355 3434 01 |
| Steel pipe adapters with external thread | R 1/2 | 3/8 | 2 pieces | 2 355 3812 01 |
| Steel pipe adapters with internal thread | G 1/2 | 1/2 | 2 pieces | 2 356 1212 01 |
| Steel pipe adapters with internal thread | G 1/2 | 3/8 | 2 pieces | 2 356 3812 01 |

Suitable pipe-diameters (DIN EN 10255M)

| Ø Pipe | outside diam. | max. | min. | insertion depth |
|--------|---------------|---------|---------|-----------------|
| 3/8 * | 17,2 mm | 17,5 mm | 16,7 mm | 20 mm |
| 1/2 | 21,3 mm | 21,8 mm | 21,0 mm | 23 mm |
| 3/4 | 26,9 mm | 27,3 mm | 26,5 mm | 26 mm |
| 1 | 33,7 mm | 34,2 mm | 33,3 mm | 30 mm |
| 1 ¼ | 42,4 mm | 42,9 mm | 42,0 mm | 37 mm |
| 1 ½ | 48,3 mm | 48,8 mm | 47,9 mm | 48 mm |

* Only for heating systems

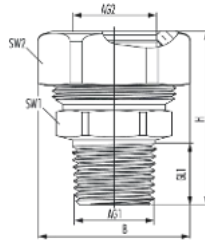
DRINKING WATER

- // Steel pipe adapters
- // Compression fittings
- // Connectors and nipples
- // Telescopic cone adapter



DRINKING WATER

Drinking water Steel pipe adapters with external thread



INFO

- // Certified acc. DVGW cold water, Reg.No. DW-8511CU0182
- // Fast and dirt-free assembly
- // No welding and no thread cutting necessary
- // High pressure and temperature resistance
- // Flush-mounted use according to DIN
- // For steel pipes (DIN EN 10255 M/H, DIN EN 10220-1, DIN EN 10240)

TECHNICAL DATA

| | |
|------------------------------|-----------------|
| Material | Brass blank |
| Material thrust ring | Brass blank |
| Material moulded seal | EPDM |
| Material retaining claw | Stainless steel |
| Max. operating pressure | 10 bar |
| Max. operating temperature ☀ | 120 °C |
| Max. operating temperature ☁ | 95 °C * |

* ÜA-certified for cold water applications until 20°C

| AG1 | AG2 | B mm | H mm | GL1 mm | SW1 mm | SW2 mm | Item-No |
|---------|-------|---------|---------|-----------|-----------|-----------|--------------|
| R 1/2 | 1/2 | 39.5 | 45 | 16.8 | 27 | 36 | 2755 1212 00 |
| R 3/4 | 3/4 | 50 | 50 | 19 | 34 | 45 | 2755 3434 00 |
| R 1 | 1 | 61 | 56 | 22 | 41 | 55 | 2755 1010 00 |
| R 1 1/4 | 1 1/4 | 71 | 69 | 25 | 50 | 65 | 2755 5454 00 |
| R 1 1/2 | 1 1/2 | 85 | 80 | 25 | 60 | 80 | 2755 6464 00 |

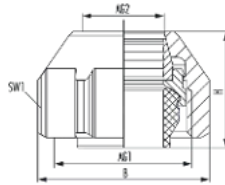


to the assembly instruction



to the product video





INFO

- // Set consists of 2 compression fittings
- // Preassembled and fixed
- // Clamping range 15mm
- // For copper, precision steel or (stainless) steel pipes with a wall thickness ≥ 1 mm (according to DIN EN 1057, DIN EN 10305-2 and DIN EN 10312)
- // Low tightening torque (easy mobility)
- // Suitable for district heating
- // EPDM sealing element
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------------------------|
| Material | Nickel-plated brass / Coated brass |
| Material moulded seal | EPDM |
| Material clamping ring | Brass blank |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |
| Max. operating temperature | 95 °C * |

* ÜA-certified for cold water applications until 20°C

| AG1 | AG2 | B mm | H mm | SW1 mm | Colour | Item-No |
|-------|-------|---------|---------|-----------|---------------|---------------|
| G 3/4 | 15 mm | 33.2 | 20.5 | 30 | nickel-plated | 2 855 0015 01 |
| G 3/4 | 15 mm | 33.2 | 20.5 | 30 | chrome | 2 855 0015 02 |



to the assembly instruction

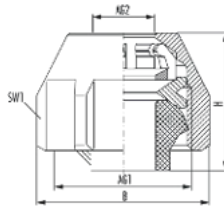


to the product video



DRINKING WATER

Compression fittings MKV-M



INFO

- // Multi-range compression fitting
- // Set consists of 2 compression fittings
- // For copper, precision steel or (stainless) steel pipes with a wall thickness ≥ 1 mm (according to DIN EN 1057, DIN EN 10305-2 and DIN EN 10312)
- // EPDM sealing element
- // Eurocone compatible

TECHNICAL DATA

| | |
|--|---------------------|
| Material | Nickel-plated brass |
| Material clamping ring | Brass blank |
| Material moulded seal | EPDM |
| Tightening torque | 40 Nm |
| Max. operating pressure | 10 bar |
| Max. operating temperature  | 120 °C |
| Max. operating temperature  | 95 °C * |

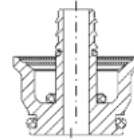
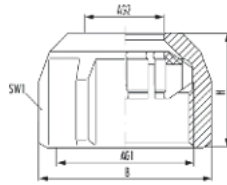
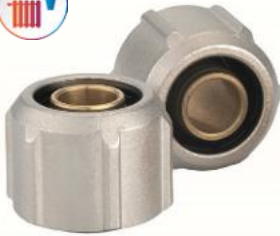
* ÜA-certified for cold water applications until 20°C

| AG1 | AG2 | B mm | H mm | SW1 mm | Item-No |
|-------|------------|---------|---------|-----------|---------------|
| G 3/4 | 10 – 12 mm | 33.2 | 22 | 30 | 2 855 0001 01 |
| G 3/4 | 13 – 15 mm | 33.2 | 22 | 30 | 2 855 0002 01 |
| G 3/4 | 16 – 18 mm | 33.2 | 22 | 30 | 2 855 0003 01 |



to the assembly instruction







INFO

- // Set consists of 2 compression fittings
- // For plastic or metal composite pipes
- // With integrated plastic clamp insert
- // With support bushings
- // Eurocone compatible

TECHNICAL DATA

| | |
|--|---------------------|
| Material | Nickel-plated brass |
| Material clamping ring | PA |
| Material moulded seal | EPDM |
| Material support sleeve | Brass blank |
| Tightening torque | 40 Nm |
| Max. operating pressure | 10 bar |
| Max. operating temperature  | 120 °C |
| Max. operating temperature  | 95 °C |

| AG1 | AG2 | B mm | H mm | SW1 mm | Item-No |
|-------|--------------|---------|---------|-----------|---------------|
| G 3/4 | 12 x 2 mm | 33.2 | 24.5 | 30 | 2 862 1202 01 |
| G 3/4 | 14 x 2 mm | 33.2 | 24.5 | 30 | 2 862 1402 01 |
| G 3/4 | 16 x 1.8 mm | 33.2 | 25 | 30 | 2 862 1618 01 |
| G 3/4 | 16 x 2 mm | 33.2 | 25 | 30 | 2 862 1602 01 |
| G 3/4 | 16 x 2.25 mm | 33.2 | 25 | 30 | 2 862 1622 01 |
| G 3/4 | 17 x 2 mm | 33.2 | 25 | 30 | 2 862 1702 01 |
| G 3/4 | 17 x 2.5 mm | 33.2 | 25 | 30 | 2 862 1725 01 |
| G 3/4 | 18 x 2 mm | 33.2 | 25 | 30 | 2 862 1802 01 |
| G 3/4 | 20 x 2 mm | 33.2 | 25 | 30 | 2 862 2002 01 |
| G 3/4 | 20 x 2.5 mm | 33.2 | 25 | 30 | 2 862 2025 01 |
| G 3/4 | 20 x 2.8 mm | 33.2 | 25 | 30 | 2 862 2028 01 |
| G 3/4 | 20 x 2.9 mm | 33.2 | 25 | 30 | 2 862 2029 01 |



to the assembly instruction



The right solution for every pipe

Good news for all modernisers and renovators: HUMMEL offers compression fittings for all common pipe types on the market. Gone are the days when tradesmen had to search for suitable connection solutions.

28 renovation sets offer solutions for more than 70 different plastic and metal composite pipes. These are almost all pipe types on the market. These sets are especially aimed at the needs in renovation. The old pipes can be pre-treated with a special calibration tool. This creates the conditions for a perfect and safe connection solution. One set consists of 10 fittings and one calibration tool.

HUMMEL compression fittings make renovation easier:

- // For heating and drinking water systems
- // Simple, dirt-free installation without special tools
- // Space-saving installation especially for difficult environments
- // Suitable solutions also for special sizes



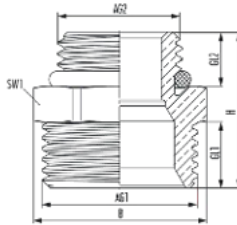
UWA-conform



| Set-No | AG1 | AG2 | Item-No |
|--------|-------|---|------------|
| 1 | G 3/4 | 9.9 x 1.1 mm / 10 x 1.3 mm / 10.1 x 1.1 mm / 12 x 2.25 mm | 2862000101 |
| 2 | G 3/4 | 11.6 x 1.8 mm / 12 x 1.8 mm / 12 x 2 mm / 13 x 2.5 mm | 2862000201 |
| 3 | G 3/4 | 11.6 x 1.5 mm / 12 x 1.6 mm / 12 x 1.7 mm | 2862000301 |
| 4 | G 3/4 | 14 x 2.6 mm | 2862000401 |
| 5 | G 3/4 | 12 x 1.4 mm / 12 x 1.5 mm | 2862000501 |
| 6 | G 3/4 | 14 x 2.5 mm | 2862000601 |
| 7 | G 3/4 | 12 x 1.1 mm / 12 x 1.2 mm / 12 x 1.25 mm / 12 x 1.3 mm | 2862000701 |
| 8 | G 3/4 | 14 x 2.25 mm | 2862000801 |
| 9 | G 3/4 | 15 x 2.6 mm / 16 x 3.3 mm | 2862000901 |
| 10 | G 3/4 | 12 x 1 mm | 2862001001 |
| 11 | G 3/4 | 13 x 1.5 mm / 14 x 2 mm | 2862001101 |
| 12 | G 3/4 | 15 x 2.5 mm | 2862001201 |
| 13 | G 3/4 | 14 x 1.6 mm / 14 x 1.75 mm | 2862001301 |
| 14 | G 3/4 | 16 x 2.7 mm / 16 x 2.75 mm | 2862001401 |
| 15 | G 3/4 | 14 x 1.5 mm | 2862001501 |
| 16 | G 3/4 | 15 x 2.0 mm / 16.2 x 2.6 mm | 2862001601 |
| 17 | G 3/4 | 15 x 1.8 mm / 15.5 x 2 mm / 16 x 2.2 mm / 16 x 2.25 mm / 17 x 2.75 mm / 17 x 2.8 mm | 2862001701 |
| 18 | G 3/4 | 14 x 1 mm | 2862001801 |
| 19 | G 3/4 | 15 x 1.5 mm / 15.6 x 1.8 mm / 16 x 2 mm / 16.2 x 2.1 mm / 16.7 x 2.4 mm / 17 x 2.5 mm | 2862001901 |
| 20 | G 3/4 | 15 x 1.2 mm / 16 x 1.75 mm / 16 x 1.8 mm / 17 x 2.2 mm | 2862002001 |
| 21 | G 3/4 | 18 x 2.75 mm | 2862002101 |
| 22 | G 3/4 | 15 x 1 mm / 16 x 1.5 mm / 17 x 2 mm | 2862002201 |
| 23 | G 3/4 | 18 x 2.5 mm | 2862002301 |
| 24 | G 3/4 | 18 x 2 mm / 20 x 2.9 mm | 2862002401 |
| 25 | G 3/4 | 18 x 1.75 mm / 20 x 2.8 mm | 2862002501 |
| 26 | G 3/4 | 18 x 1.5 mm / 19 x 2 mm / 20 x 2.5 mm / 20.2 x 2.6 mm | 2862002601 |
| 27 | G 3/4 | 18 x 1.25 mm / 20 x 2.25 mm / 20 x 2.3 mm | 2862002701 |
| 28 | G 3/4 | 18 x 1 mm / 18 x 1.2 mm / 20 x 2 mm | 2862002801 |

DRINKING WATER

Connector nipple



INFO

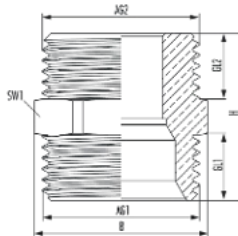
- // For compression fittings
- // For manifolds and fittings
- // O-ring sealing
- // Flush-mounted use according to DIN
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|-------------|
| Material | Brass blank |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |
| Max. operating temperature | 95 °C |

| AG1 | AG2 | L mm | B mm | H mm | GL1 mm | GL2 mm | SW1 mm | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|-----------|---------------|
| G 3/4 | G 1/2 | 29 | 29 | 26 | 11 | 9 | 26 | 2 554 1234 00 |





INFO

- // For compression fittings
- // For manifolds and fittings
- // Transition of pressing systems
- // Flush-mounted use according to DIN
- // Eurocone compatible

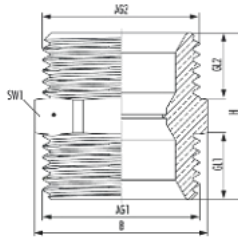
TECHNICAL DATA

| | |
|----------------------------|-------------|
| Material | Brass blank |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |
| Max. operating temperature | 95 °C |

| AG1 | AG2 | L mm | B mm | H mm | GL1 mm | GL2 mm | SW1 mm | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|-----------|---------------|
| G 3/4 | G 3/4 | 29 | 29 | 28 | 11 | 11 | 26 | 2 554 3434 00 |

DRINKING WATER

Coupling nipple



INFO

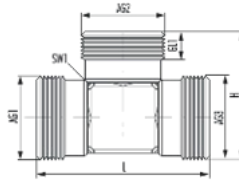
- // For compression fittings
- // Connecting pipe systems
- // Flush-mounted use according to DIN
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|-------------|
| Material | Brass blank |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |
| Max. operating temperature | 95 °C |

| AG1 | AG2 | L mm | B mm | H mm | GL1 mm | GL2 mm | SW1 mm | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|-----------|---------------|
| G 3/4 | G 3/4 | 29 | 29 | 28 | 11 | 11 | 26 | 2.253.3434.00 |





INFO

- // For compression fittings
- // Flush-mounted use according to DIN
- // Eurocone compatible

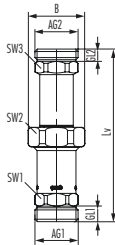
TECHNICAL DATA

| | |
|----------------------------|-------------|
| Material | Brass blank |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |
| Max. operating temperature | 95 °C |

| AG1 | AG2 | AG3 | L mm | B mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|-------|-------|---------|---------|---------|-----------|-----------|---------------|
| G 3/4 | G 3/4 | G 3/4 | 54 | 26 | 40 | 9 | 22 | 2 253 3495 00 |

DRINKING WATER

Telescopic cone adapter with length compensation



INFO

- // Pull-out section 74 – 107 mm
- // for compression fittings and steel pipe adapters
- // UBA compliant* – lead free
- // Flush-mounted installation in accordance with DIN
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|-------------|
| Material | Brass blank |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 95 °C |
| Max. operating temperature | 95 °C |

| AG1 | AG2 | Lv mm | B mm | GL1 mm | GL2 mm | SW1 mm | SW2 mm | SW3 mm | Item-No |
|-------|-------|----------|---------|-----------|-----------|-----------|-----------|-----------|-----------------|
| G 3/4 | G 3/4 | 74–107 | 35 | 9 | 9 | 24 | 24 | 24 | 2 559 3400 00 * |

*** AVAILABLE STARTING
THE THIRD QUARTER OF 2026**

* parts that come into contact with the medium



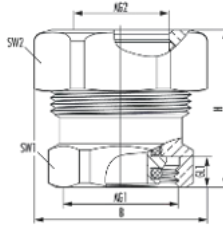
CONNECTION TECHNOLOGY

- // Steel pipe adapters
- // Compression fittings
- // Connectors and nipples
- // Reductions
- // Coupling angles



CONNECTION TECHNOLOGY

Steel pipe adapters with Eurocone internal thread



INFO

- // Fast and dirt-free assembly
- // No welding and no thread cutting necessary
- // Ideal for renovations and refurbishments
- // High pressure and temperature resistance
- // Flush-mounted use according to DIN
- // For steel pipes (DIN EN 10255 M/H, DIN EN 10220-1, DIN EN 10240)
- // For boiling pipes (DIN EN 10216-1, DIN EN 10217-1)
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material thrust ring | Brass blank |
| Material moulded seal | EPDM |
| Material retaining claw | Stainless steel |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

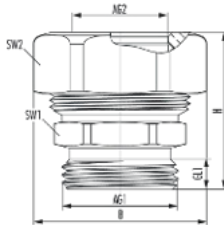
| AG1 | AG2 | B mm | H mm | GL1 mm | SW1 mm | SW2 mm | Item-No |
|-------|-----|---------|---------|-----------|-----------|-----------|---------------|
| G 3/4 | 3/8 | 33 | 34 | 7 | 30 | 30 | 2.353.3834.01 |
| G 3/4 | 1/2 | 39.5 | 36 | 7 | 30 | 36 | 2.353.1234.01 |



to the assembly instruction



to the product video



INFO

- // Fast and dirt-free assembly
- // No welding and no thread cutting necessary
- // Ideal for renovations and refurbishments
- // High pressure and temperature resistance
- // Flush-mounted use according to DIN
- // For steel pipes (DIN EN 10255 M/H, DIN EN 10220-1, DIN EN 10240)
- // For boiling pipes (DIN EN 10216-1, DIN EN 10217-1)
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material thrust ring | Brass blank |
| Material moulded seal | EPDM |
| Material retaining claw | Stainless steel |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | B mm | H mm | GL1 mm | SW1 mm | SW2 mm | Item-No |
|-------|-----|---------|---------|-----------|-----------|-----------|---------------|
| G 3/4 | 3/8 | 33 | 34 | 9.5 | 27 | 30 | 2 354 3834 01 |
| G 3/4 | 1/2 | 39.5 | 36 | 9.5 | 27 | 36 | 2 354 1234 01 |
| G 3/4 | 3/4 | 50 | 41 | 9.5 | 34 | 45 | 2 354 3434 01 |



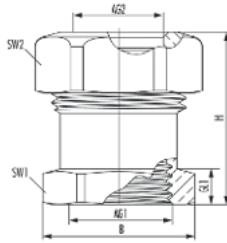
to the assembly instruction



to the product video

CONNECTION TECHNOLOGY

Steel pipe adapters with internal thread



INFO

- // Fast and dirt-free assembly
- // No welding and no thread cutting necessary
- // Ideal for renovations and refurbishments
- // High pressure and temperature resistance
- // Flush-mounted use according to DIN
- // For steel pipes (DIN EN 10255 M/H, DIN EN 10220-1, DIN EN 10240)
- // For boiling pipes (DIN EN 10216-1, DIN EN 10217-1)

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material thrust ring | Brass blank |
| Material moulded seal | EPDM |
| Material retaining claw | Stainless steel |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

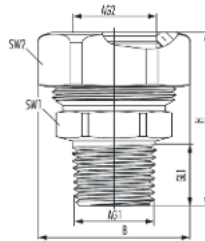
| AG1 | AG2 | B mm | H mm | GL1 mm | SW1 mm | SW2 mm | Item-No |
|-------|-----|---------|---------|-----------|-----------|-----------|----------------|
| G 1/2 | 3/8 | 33 | 34 | 10 | 27 | 30 | 2.356.381.2.01 |
| G 1/2 | 1/2 | 39.5 | 36 | 10 | 27 | 36 | 2.356.121.2.01 |



to the assembly instruction



to the product video



INFO

- // Fast and dirt-free assembly
- // No welding and no thread cutting necessary
- // Ideal for renovations and refurbishments
- // High pressure and temperature resistance
- // Flush-mounted use according to DIN
- // For steel pipes (DIN EN 10255 M/H, DIN EN 10220-1, DIN EN 10240)
- // For boiling pipes (DIN EN 10216-1, DIN EN 10217-1)

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material thrust ring | Brass blank |
| Material moulded seal | EPDM |
| Material retaining claw | Stainless steel |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | B mm | H mm | GL1 mm | SW1 mm | SW2 mm | Item-No |
|---------|-------|---------|---------|-----------|-----------|-----------|---------------|
| R 3/8 | 3/8 | 33 | 39 | 13.2 | 24 | 30 | 2 355 3838 01 |
| R 1/2 | 3/8 | 33 | 42 | 16.8 | 24 | 30 | 2 355 3812 01 |
| R 1/2 | 1/2 | 39.5 | 45 | 16.8 | 27 | 36 | 2 355 1212 01 |
| R 3/4 | 3/4 | 50 | 50 | 19 | 34 | 45 | 2 355 3434 01 |
| R 1 | 1 | 61 | 56 | 22 | 41 | 55 | 2 355 1010 01 |
| R 1 1/4 | 1 1/4 | 71 | 69 | 25 | 50 | 65 | 2 355 5454 01 |
| R 1 1/2 | 1 1/2 | 85 | 80 | 25 | 60 | 80 | 2 355 6464 01 |



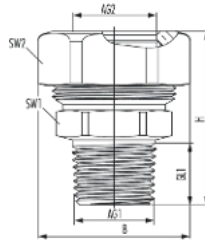
to the assembly instruction



to the product video

CONNECTION TECHNOLOGY

Drinking water Steel pipe adapters with external thread



INFO

- // Certified acc. DVGW cold water, Reg.No. DW-8511CU0182
- // Fast and dirt-free assembly
- // No welding and no thread cutting necessary
- // High pressure and temperature resistance
- // Flush-mounted use according to DIN
- // For steel pipes (DIN EN 10255 M/H, DIN EN 10220-1, DIN EN 10240)

TECHNICAL DATA

| | |
|------------------------------|-----------------|
| Material | Brass blank |
| Material thrust ring | Brass blank |
| Material moulded seal | EPDM |
| Material retaining claw | Stainless steel |
| Max. operating pressure | 10 bar |
| Max. operating temperature ☀ | 120 °C |
| Max. operating temperature ❄ | 95 °C* |

* ÜA-certified for cold water applications until 20°C

| AG1 | AG2 | B mm | H mm | GL1 mm | SW1 mm | SW2 mm | Item-No |
|---------|-------|---------|---------|-----------|-----------|-----------|--------------|
| R 1/2 | 1/2 | 39.5 | 45 | 16.8 | 27 | 36 | 2755 1212 00 |
| R 3/4 | 3/4 | 50 | 50 | 19 | 34 | 45 | 2755 3434 00 |
| R 1 | 1 | 61 | 56 | 22 | 41 | 55 | 2755 1010 00 |
| R 1 1/4 | 1 1/4 | 71 | 69 | 25 | 50 | 65 | 2755 5454 00 |
| R 1 1/2 | 1 1/2 | 85 | 80 | 25 | 60 | 80 | 2755 6464 00 |

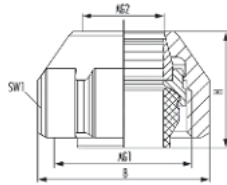


to the assembly instruction



to the product video





INFO

- // Set consists of 2 compression fittings
- // Preassembled and fixed
- // Clamping range 15mm
- // For copper, precision steel or (stainless) steel pipes with a wall thickness ≥ 1 mm (according to DIN EN 1057, DIN EN 10305-2 and DIN EN 10312)
- // Low tightening torque (easy mobility)
- // Suitable for district heating
- // EPDM sealing element
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------------------------|
| Material | Nickel-plated brass / Coated brass |
| Material moulded seal | EPDM |
| Material clamping ring | Brass blank |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |
| Max. operating temperature | 95 °C* |

* ÜA-certified for cold water applications until 20°C

| AG1 | AG2 | B mm | H mm | SW1 mm | Colour | Item-No |
|-------|-------|---------|---------|-----------|---------------|---------------|
| G 3/4 | 15 mm | 33.2 | 20.5 | 30 | nickel-plated | 2 855 0015 01 |
| G 3/4 | 15 mm | 33.2 | 20.5 | 30 | chrome | 2 855 0015 02 |



to the assembly instruction

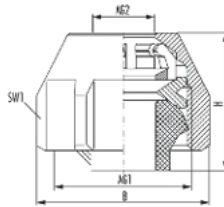


to the product video



CONNECTION TECHNOLOGY

Compression fittings MKV-M



INFO

- // Multi-range compression fitting
- // Set consists of 2 compression fittings
- // For copper, precision steel or (stainless) steel pipes with a wall thickness ≥ 1 mm (according to DIN EN 1057, DIN EN 10305-2 and DIN EN 10312)
- // EPDM sealing element
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material clamping ring | Brass blank |
| Material moulded seal | EPDM |
| Tightening torque | 40 Nm |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |
| Max. operating temperature | 95 °C |

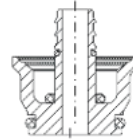
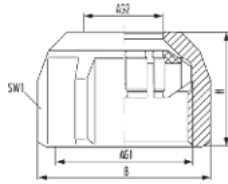
* ÜA-certified for cold water applications until 20°C

| AG1 | AG2 | B mm | H mm | SW1 mm | Item-No |
|-------|------------|---------|---------|-----------|---------------|
| G 3/4 | 10 – 12 mm | 33.2 | 22 | 30 | 2 855 0001 01 |
| G 3/4 | 13 – 15 mm | 33.2 | 22 | 30 | 2 855 0002 01 |
| G 3/4 | 16 – 18 mm | 33.2 | 22 | 30 | 2 855 0003 01 |



to the assembly instruction







INFO

- // Set consists of 2 compression fittings
- // For plastic or metal composite pipes
- // With integrated plastic clamp insert
- // With support bushings
- // Eurocone compatible

TECHNICAL DATA

| | |
|--|---------------------|
| Material | Nickel-plated brass |
| Material clamping ring | PA |
| Material moulded seal | EPDM |
| Material support sleeve | Brass blank |
| Tightening torque | 40 Nm |
| Max. operating pressure | 10 bar |
| Max. operating temperature  | 120 °C |
| Max. operating temperature  | 95 °C |

| AG1 | AG2 | B mm | H mm | SW1 mm | Item-No |
|-------|--------------|---------|---------|-----------|---------------|
| G 3/4 | 12 x 2 mm | 33.2 | 24.5 | 30 | 2 862 1202 01 |
| G 3/4 | 14 x 2 mm | 33.2 | 24.5 | 30 | 2 862 1402 01 |
| G 3/4 | 16 x 1.8 mm | 33.2 | 25 | 30 | 2 862 1618 01 |
| G 3/4 | 16 x 2 mm | 33.2 | 25 | 30 | 2 862 1602 01 |
| G 3/4 | 16 x 2.25 mm | 33.2 | 25 | 30 | 2 862 1622 01 |
| G 3/4 | 17 x 2 mm | 33.2 | 25 | 30 | 2 862 1702 01 |
| G 3/4 | 17 x 2.5 mm | 33.2 | 25 | 30 | 2 862 1725 01 |
| G 3/4 | 18 x 2 mm | 33.2 | 25 | 30 | 2 862 1802 01 |
| G 3/4 | 20 x 2 mm | 33.2 | 25 | 30 | 2 862 2002 01 |
| G 3/4 | 20 x 2.5 mm | 33.2 | 25 | 30 | 2 862 2025 01 |
| G 3/4 | 20 x 2.8 mm | 33.2 | 25 | 30 | 2 862 2028 01 |
| G 3/4 | 20 x 2.9 mm | 33.2 | 25 | 30 | 2 862 2029 01 |



to the assembly instruction



The right solution for every pipe

Good news for all modernisers and renovators: HUMMEL offers compression fittings for all common pipe types on the market. Gone are the days when tradesmen had to search for suitable connection solutions.

28 renovation sets offer solutions for more than 70 different plastic and metal composite pipes. These are almost all pipe types on the market. These sets are especially aimed at the needs in renovation. The old pipes can be pre-treated with a special calibration tool. This creates the conditions for a perfect and safe connection solution. One set consists of 10 fittings and one calibration tool.

HUMMEL compression fittings make renovation easier:

- // For heating and drinking water systems
- // Simple, dirt-free installation without special tools
- // Space-saving installation especially for difficult environments
- // Suitable solutions also for special sizes



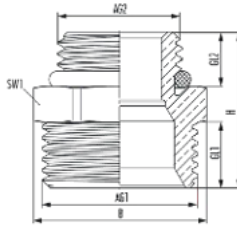
UBA-conform



| Set-No | AG1 | AG2 | Item-No |
|--------|-------|---|-------------|
| 1 | G 3/4 | 9.9 x 1.1 mm / 10 x 1.3 mm / 10.1 x 1.1 mm / 12 x 2.25 mm | 28620001 01 |
| 2 | G 3/4 | 11.6 x 1.8 mm / 12 x 1.8 mm / 12 x 2 mm / 13 x 2.5 mm | 28620002 01 |
| 3 | G 3/4 | 11.6 x 1.5 mm / 12 x 1.6 mm / 12 x 1.7 mm | 28620003 01 |
| 4 | G 3/4 | 14 x 2.6 mm | 28620004 01 |
| 5 | G 3/4 | 12 x 1.4 mm / 12 x 1.5 mm | 28620005 01 |
| 6 | G 3/4 | 14 x 2.5 mm | 28620006 01 |
| 7 | G 3/4 | 12 x 1.1 mm / 12 x 1.2 mm / 12 x 1.25 mm / 12 x 1.3 mm | 28620007 01 |
| 8 | G 3/4 | 14 x 2.25 mm | 28620008 01 |
| 9 | G 3/4 | 15 x 2.6 mm / 16 x 3.3 mm | 28620009 01 |
| 10 | G 3/4 | 12 x 1 mm | 28620010 01 |
| 11 | G 3/4 | 13 x 1.5 mm / 14 x 2 mm | 28620011 01 |
| 12 | G 3/4 | 15 x 2.5 mm | 28620012 01 |
| 13 | G 3/4 | 14 x 1.6 mm / 14 x 1.75 mm | 28620013 01 |
| 14 | G 3/4 | 16 x 2.7 mm / 16 x 2.75 mm | 28620014 01 |
| 15 | G 3/4 | 14 x 1.5 mm | 28620015 01 |
| 16 | G 3/4 | 15 x 2.0 mm / 16.2 x 2.6 mm | 28620016 01 |
| 17 | G 3/4 | 15 x 1.8 mm / 15.5 x 2 mm / 16 x 2.2 mm / 16 x 2.25 mm / 17 x 2.75 mm / 17 x 2.8 mm | 28620017 01 |
| 18 | G 3/4 | 14 x 1 mm | 28620018 01 |
| 19 | G 3/4 | 15 x 1.5 mm / 15.6 x 1.8 mm / 16 x 2 mm / 16.2 x 2.1 mm / 16.7 x 2.4 mm / 17 x 2.5 mm | 28620019 01 |
| 20 | G 3/4 | 15 x 1.2 mm / 16 x 1.75 mm / 16 x 1.8 mm / 17 x 2.2 mm | 28620020 01 |
| 21 | G 3/4 | 18 x 2.75 mm | 28620021 01 |
| 22 | G 3/4 | 15 x 1 mm / 16 x 1.5 mm / 17 x 2 mm | 28620022 01 |
| 23 | G 3/4 | 18 x 2.5 mm | 28620023 01 |
| 24 | G 3/4 | 18 x 2 mm / 20 x 2.9 mm | 28620024 01 |
| 25 | G 3/4 | 18 x 1.75 mm / 20 x 2.8 mm | 28620025 01 |
| 26 | G 3/4 | 18 x 1.5 mm / 19 x 2 mm / 20 x 2.5 mm / 20.2 x 2.6 mm | 28620026 01 |
| 27 | G 3/4 | 18 x 1.25 mm / 20 x 2.25 mm / 20 x 2.3 mm | 28620027 01 |
| 28 | G 3/4 | 18 x 1 mm / 18 x 1.2 mm / 20 x 2 mm | 28620028 01 |

CONNECTION TECHNOLOGY



Connector nipple



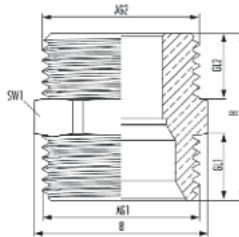
INFO

- // For compression fittings
- // For manifolds and fittings
- // O-ring sealing
- // Flush-mounted use according to DIN
- // Eurocone compatible

TECHNICAL DATA

| | |
|--|--------------------------------------|
| Material | Nickel-plated brass / Brass blank |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature  | 120 °C |
| Max. operating temperature  | 95 °C |



| AG1 | AG2 | L mm | B mm | H mm | GL1 mm | GL2 mm | SW1 mm | Material | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|-----------|---------------------|---------------|
| G 3/4 | G 1/2 | 29 | 29 | 26 | 11 | 9 | 26 | Brass blank | 2 554 1234 00 |
| G 3/4 | G 1/2 | 29 | 29 | 26 | 11 | 9 | 26 | Nickel-plated brass | 2 554 1234 01 |



INFO

- // For compression fittings
- // For manifolds and fittings
- // Transition of pressing systems
- // Flush-mounted use according to DIN
- // Eurocone compatible

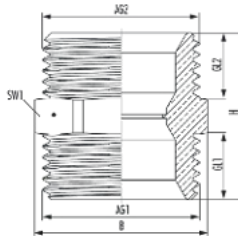
TECHNICAL DATA

| | |
|--|-------------|
| Material | Brass blank |
| Max. operating pressure | 10 bar |
| Max. operating temperature  | 120 °C |
| Max. operating temperature  | 95 °C |

| AG1 | AG2 | L mm | B mm | H mm | GL1 mm | GL2 mm | SW1 mm | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|-----------|---------------|
| G 3/4 | G 3/4 | 29 | 29 | 28 | 11 | 11 | 26 | 2 554 3434 00 |

CONNECTION TECHNOLOGY



Coupling nipple



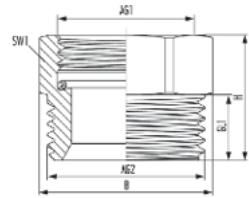
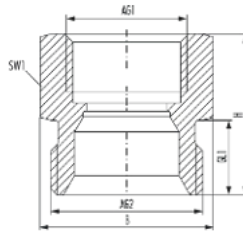
INFO

- // For compression fittings
- // Connecting pipe systems
- // Flush-mounted use according to DIN
- // Eurocone compatible

TECHNICAL DATA

| | |
|--|--------------------------------------|
| Material | Nickel-plated brass / Brass blank |
| Max. operating pressure | 10 bar |
| Max. operating temperature  | 120 °C |
| Max. operating temperature  | 95 °C |

| AG1 | AG2 | L mm | B mm | H mm | GL1 mm | GL2 mm | SW1 mm | Material | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|-----------|---------------------|---------------|
| G 3/4 | G 3/4 | 29 | 29 | 28 | 11 | 11 | 26 | Brass blank | 2 253 3434 00 |
| G 3/4 | G 3/4 | 29 | 29 | 28 | 11 | 11 | 26 | Nickel-plated brass | 2 253 3434 01 |



left: 2 254 1244 01 | right: 2 254 5834 01

INFO

- // For compression fittings
- // Female thread with seal
- // Eurocone compatible

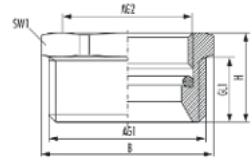
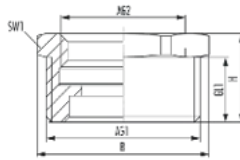
TECHNICAL DATA

| | |
|----------------------------|-------------------------|
| Material | Nickel-plated brass |
| Material moulded seal | Vulcanised fibre / EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | B mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|-------|---------|---------|-----------|-----------|---------------|
| G 1/2 | G 3/4 | 30 | 28 | 13 | 27 | 2 254 1244 01 |
| G 5/8 | G 3/4 | 29 | 21 | 11 | 26 | 2 254 5834 01 |

CONNECTION TECHNOLOGY

Reductions with external thread



left: 2 549 3412 01 | right: 2 554 2234 01

INFO

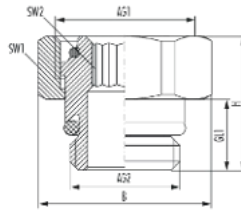
- // Compact transition for radiator fittings
- // Including sealing

- * Eurocone compatible
- ** flat sealing

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | B mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|-----------|---------|---------|-----------|-----------|------------------|
| G 3/4 | M22 x 1.5 | 29 | 15 | 11 | 26 | 2 554 2234 01 * |
| G 3/4 | G 1/2 | 29 | 15 | 11 | 26 | 2 549 3412 01 ** |



INFO

- // For manifolds and fittings
- // Male thread with o-ring seal
- // Eurocone compatible

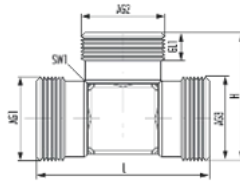
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | L mm | B mm | H mm | GL1 mm | SW1 mm | SW2 mm | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|-----------|---------------|
| G 3/4 | G 1/2 | 33.5 | 33.5 | 25.5 | 9 | 30 | 12 | 2 908 3412 01 |

CONNECTION TECHNOLOGY



Coupling T piece



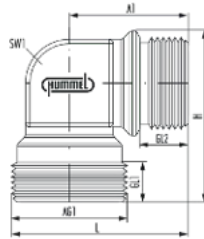
INFO

- // For compression fittings
- // Flush-mounted use according to DIN
- // Eurocone compatible

TECHNICAL DATA

| | |
|--|--------------------------------------|
| Material | Nickel-plated brass / Brass blank |
| Max. operating pressure | 10 bar |
| Max. operating temperature  | 120 °C |
| Max. operating temperature  | 95 °C |

| AG1 | AG2 | AG3 | L mm | B mm | GL1 mm | SW1 mm | Material | Item-No |
|-------|-------|-------|---------|---------|-----------|-----------|---------------------|---------------|
| G 3/4 | G 3/4 | G 3/4 | 54 | 26 | 9 | 22 | Brass blank | 2 253 3495 00 |
| G 3/4 | G 3/4 | G 3/4 | 54 | 26 | 9 | 22 | Nickel-plated brass | 2 253 3495 01 |



INFO

- // For compression fittings
- // Eurocone compatible

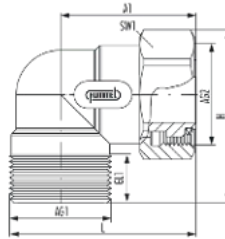
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | A1 mm | L mm | B mm | H mm | GL1 mm | GL2 mm | SW1 mm | Item-No |
|-------|-------|----------|---------|---------|---------|-----------|-----------|-----------|---------------|
| G 1/2 | G 3/4 | 27 | 40 | 26.4 | 40 | 9 | 9 | 22 | 2 253 3492 01 |
| G 3/4 | G 3/4 | 27 | 40 | 26.4 | 40 | 9 | 9 | 22 | 2 253 3490 01 |

CONNECTION TECHNOLOGY

Coupling angle with union nut



INFO

- // For compression fittings
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | A1 mm | L mm | B mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|-------|----------|---------|---------|---------|-----------|-----------|---------------|
| G 3/4 | G 3/4 | 35.1 | 48 | 26 | 41 | 12.5 | 30 | 2 552 1234 01 |

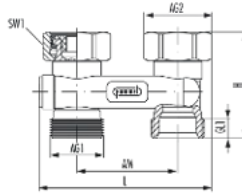
RADIATOR CONNECTIONS

- // Diverters
- // Special connections
- // Flexible connections
- // Connection fittings
- // Thermostatic valves
- // Threaded-joint radiator returns
- // Thermostatic heads



RADIATOR CONNECTIONS

Diverters straight type



INFO

- // Version cone: 2 cone inserts
- // Version nipple: 2 x (G 1/2 x G 3/4)
- // For two-pipe systems
- // For interchanged flow and return pipes
- // Without shutoff
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | AM mm | L mm | H mm | GL1 mm | SW1 mm | Version | Item-No |
|-------|-------|----------|---------|---------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | 50 | 85.5 | 51 | 10 | 30 | Cone | 2 257 0002 01 |
| G 3/4 | G 3/4 | 50 | 85.5 | 51 | 10 | 30 | Nipple | 2 257 0003 01 |



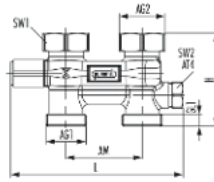
to the assembly instruction



to the product video

RADIATOR CONNECTIONS

Diverters straight type lockable (one/two pipe)



INFO

- // Version cone: 2 cone inserts
- // Version nipple: 2 x (G 1/2 x G 3/4)
- // For one-pipe and two-pipe systems
- // For interchanged flow and return pipes
- // With lateral spindle shut-off
- // With lateral bypass spindle
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | AM mm | L mm | H mm | GL1 mm | SW1 mm | SW2 mm | Version | Item-No |
|-------|-------|----------|---------|---------|-----------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | 50 | 112.9 | 61.1 | 8 | 30 | 17 | Cone | 2.257.0023.01 |
| G 3/4 | G 3/4 | 50 | 112.9 | 61.1 | 8 | 30 | 17 | Nipple | 2.257.0024.01 |



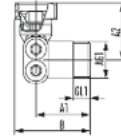
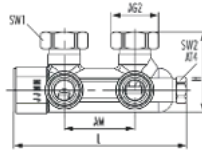
to the assembly instruction



to the product video

RADIATOR CONNECTIONS

Diverters corner type lockable (one/two pipe)



INFO

- // Version cone: 2 cone inserts
- // Version nipple: 2 x (G 1/2 x G 3/4)
- // For one-pipe and two-pipe systems
- // For interchanged flow and return pipes
- // With lateral spindle shut-off
- // With lateral bypass spindle
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | AM mm | A1 mm | A2 mm | AT4 | L mm | H mm | GL1 mm | SW1 mm | SW2 mm | Version | Item-No |
|-------|-------|----------|----------|----------|--------|---------|---------|-----------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | 50 | 39 | 35.4 | Bypass | 122.1 | 56.6 | 11 | 30 | 17 | Cone | 2 257 0026 01 |
| G 3/4 | G 3/4 | 50 | 39 | 35.4 | Bypass | 122.1 | 56.6 | 11 | 30 | 17 | Nipple | 2 257 0027 01 |



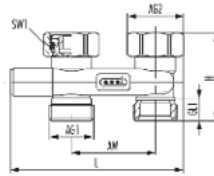
to the assembly instruction



to the product video

RADIATOR CONNECTIONS

Diverters straight type lockable



INFO

- // Version cone: 2 cone inserts
- // Version nipple: 2 x (G 1/2 x G 3/4)
- // For two-pipe systems
- // For interchanged flow and return pipes
- // With lateral spindle shut-off
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | AM mm | L mm | H mm | GL1 mm | SW1 mm | Version | Item-No |
|-------|-------|----------|---------|---------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | 50 | 103 | 51 | 10 | 30 | Cone | 2 257 0004 01 |
| G 3/4 | G 3/4 | 50 | 103 | 51 | 10 | 30 | Nipple | 2 257 0005 01 |



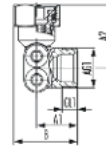
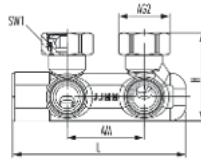
to the assembly instruction



to the product video

RADIATOR CONNECTIONS

Diverter corner type lockable



INFO

- // Version cone: 2 cone inserts
- // Version nipple: 2 x (G 1/2 x G 3/4)
- // For two-pipe systems
- // For interchanged flow and return pipes
- // With lateral spindle shut-off
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | A1 mm | A2 mm | AM mm | L mm | H mm | GL1 mm | SW1 mm | Version | Item-No |
|-------|-------|----------|----------|----------|---------|---------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | 27 | 40 | 50 | 112.7 | 53.5 | 10 | 30 | Cone | 2 257 0010 01 |
| G 3/4 | G 3/4 | 27 | 40 | 50 | 112.7 | 53.5 | 10 | 30 | Nipple | 2 257 0011 01 |



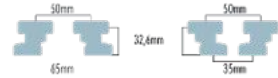
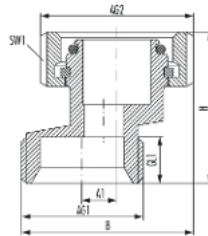
to the assembly instruction



to the product video

RADIATOR CONNECTIONS

Excenters for connection fittings



INFO

- // For the adjustment of axial pipe distances
- // Conical sealing
- // Eurocone compatible

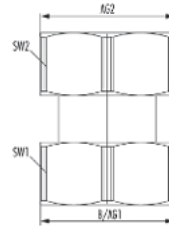
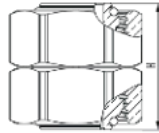
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | A1 mm | B mm | H mm | GL1 mm | SW1 mm | Item-No |
|-----------|-------|----------|---------|---------|-----------|-----------|---------------|
| G 1/2 | G 3/4 | 7.5 | 33.5 | 32.6 | 12 | 30 | 2 556 3412 01 |
| G 3/4 | G 3/4 | 7.5 | 34 | 32.6 | 10 | 30 | 2 556 3434 01 |
| M22 x 1.5 | G 3/4 | 7.5 | 33.5 | 32.6 | 10 | 30 | 2 556 3422 01 |

RADIATOR CONNECTIONS

Cone adapter



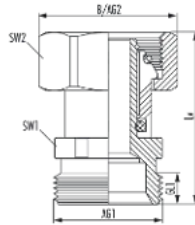
INFO

- // Connection between return screw fitting and valve radiator
- // Conical sealing
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | L mm | B mm | H mm | SW1 mm | SW2 mm | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|---------------|
| G 3/4 | G 3/4 | 33.5 | 33.5 | 32 | 30 | 30 | 2 155 3434 01 |



INFO

- // Version cone & nipple: 1 cone insert & 1 x (G 1/2 x G 3/4)
- // Version cone: 1 cone insert
- // Version nipple: 1 x (G 1/2 x G 3/4)
- // For length compensation of valves and fittings
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

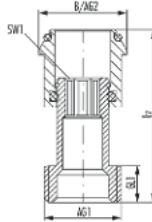
| AG1 | AG2 | Lv mm | B mm | H mm | GL1 mm | SW1 mm | SW2 mm | Version | Item-No |
|-------|-------|-----------|---------|---------|-----------|-----------|-----------|---------------|---------------|
| G 3/4 | G 3/4 | 37.1 – 53 | 33.5 | 53 | 10 | 24 | 30 | - | 2 559 3434 01 |
| G 3/4 | G 3/4 | 37.1 – 53 | 33.5 | 53 | 10 | 24 | 30 | Nipple | 2 559 3435 01 |
| G 3/4 | G 3/4 | 37.1 – 53 | 33.5 | 53 | 10 | 24 | 30 | Cone | 2 559 3436 01 |
| G 3/4 | G 3/4 | 37.1 – 53 | 33.5 | 53 | 10 | 24 | 30 | Cone & nipple | 2 859 3435 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Telescopic connections



INFO

- // To compensate for distances between valve and radiator
- // O-ring sealing

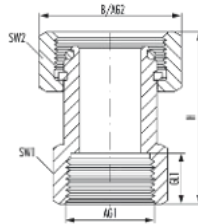
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | Lv mm | B mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|-----|----------|---------|---------|-----------|-----------|---------------|
| G 3/8 | 1/2 | 31 – 47 | 19.8 | 47 | 10 | 5 | 2 559 3800 01 |
| G 1/2 | 3/4 | 31 – 47 | 23.9 | 47 | 10 | 8 | 2 559 1200 01 |
| G 3/4 | 1 | 31 – 47 | 29 | 47 | 10 | 10 | 2 559 3400 01 |



to the assembly instruction



INFO

- // Adapter with G 3/4 union nut
- // O-ring sealing
- // Eurocone compatible

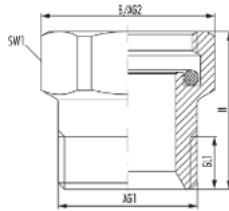
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | L mm | B mm | H mm | GL1 mm | SW1 mm | SW2 mm | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|-----------|---------------|
| G 3/8 | G 3/4 | 33.5 | 33.5 | 40.55 | 9.8 | 24 | 30 | 2 559 3438 01 |
| G 1/2 | G 3/4 | 33.5 | 33.5 | 37.2 | 10 | 24 | 30 | 2 559 3412 01 |

RADIATOR CONNECTIONS

Extension piece



INFO

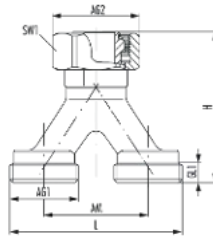
- // Extension of fittings, valves and return fittings
- // For the adjustment of horizontal and vertical pipe distances
- // O-ring sealing
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | L mm | B mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|-----------------|
| G 3/4 | G 3/4 | 33 | 33 | 30 | 10 | 30 | 2.555.3434.01 |
| G 3/4 | G 3/4 | 33 | 33 | 60 | 10 | 30 | 2.555.3460.01 * |

*** NEW**



INFO

- // Version nipple: 1 x (G 1/2 x G 3/4)
- // Small distributors for heating circuits, manifolds and control boxes
- // Eurocone compatible

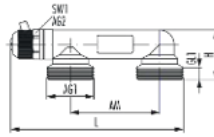
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | AM mm | L mm | H mm | GL1 mm | SW1 mm | Version | Item-No |
|-------|-------|----------|---------|---------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | 40 | 66 | 58 | 7.5 | 30 | - | 2.257.0008.01 |
| G 3/4 | G 3/4 | 40 | 66 | 58 | 7.5 | 30 | Nipple | 2.257.0009.01 |

RADIATOR CONNECTIONS

Mounting bridge



INFO

- // To span the flow and return pipes
- // With HUMMEL air bleeder valve
- // Eurocone compatible

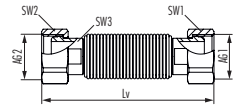
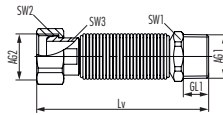
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | AM mm | L mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|-------|----------|---------|---------|-----------|-----------|---------------|
| G 3/4 | G 1/4 | 50 | 96.4 | 28.5 | 8.4 | 15 | 2 257 0001 01 |



to the assembly instruction



left: 2 823 3434 01 | right: 2 830 3434 01

INFO

- // Union nut G 3/4
- // Stainless steel corrugated tube extensible
- // Flat sealing version
- // For the replacement of boilers, instantaneous water heaters, storage tanks and wall-mounted appliances

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Stainless steel |
| Material moulded seal | AFM |
| Material union nut | Nickel-plated brass |
| Max. operating pressure | 6 bar |
| Max. operating temperature | 95 °C |

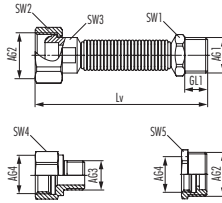
| AG1 | AG2 | Lv mm | SW1 mm | SW2 mm | SW3 mm | Flow rate l/h | Item-No |
|-------|-------|----------|-----------|-----------|-----------|------------------|---------------|
| R 3/4 | G 3/4 | 95 – 200 | 27 | 30 | 21 | 2200 | 2 823 3434 01 |
| G 3/4 | G 3/4 | 95 – 200 | 30 | 30 | 21 | 2200 | 2 830 3434 01 |



to the product video

RADIATOR CONNECTIONS

Flexible radiator connections with reduction



INFO

- // Stainless steel corrugated tube extensible
- // Incl. Reduction G 1/2 x G 3/8 and G 3/4 x G 1/2
- // Eurocone compatible
- // For connection to TH/RV valves in 3/8" the 2254583401 reducer is also required

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Stainless steel |
| Material moulded seal | EPDM |
| Material reduction | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

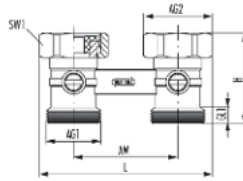
| AG1 | AG2 | AG3 | AG4 | L _v mm | SW1 mm | SW2 mm | SW3 mm | SW4 mm | SW5 mm | Item-No |
|-------|-------|-------|-------|----------------------|-----------|-----------|-----------|-----------|-----------|----------------|
| R 1/2 | G 3/4 | G 3/8 | G 1/2 | 65 – 95 | 22 | 30 | 19 | 24 | 26 | 2 826 1238 341 |
| R 1/2 | G 3/4 | G 3/8 | G 1/2 | 93 – 143 | 22 | 30 | 19 | 24 | 26 | 2 827 1238 341 |
| R 1/2 | G 3/4 | G 3/8 | G 1/2 | 115 – 210 | 22 | 30 | 19 | 24 | 26 | 2 828 1238 341 |
| R 1/2 | G 3/4 | G 3/8 | G 1/2 | 190 – 410 | 22 | 30 | 19 | 24 | 26 | 2 829 1238 341 |



to the product video

RADIATOR CONNECTIONS

Two-pipe terminal blocks straight type



INFO

- // Version cone: 2 cone inserts
- // Version nipple: 2 x (G 1/2 x G 3/4)
- // For two-pipe systems
- // Compact design
- // Flat sealing version
- // Ball shut-off valve
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

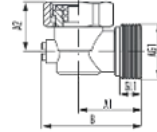
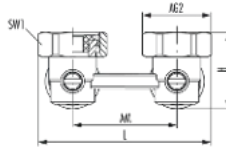
| AG1 | AG2 | AM mm | L mm | H mm | GL1 mm | SW1 mm | Version | Item-No |
|-------|-------|----------|---------|---------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | 50 | 83.5 | 43.5 | 8 | 30 | Nipple | 2 249 3435 01 |
| G 3/4 | G 3/4 | 50 | 83.5 | 43.5 | 8 | 30 | Cone | 2 249 3436 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Two-pipe terminal blocks corner type



INFO

- // Version cone: 2 cone inserts
- // Version nipple: 2 x (G 1/2 x G 3/4)
- // For two-pipe systems
- // Compact design
- // Flat sealing version
- // Ball shut-off valve
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

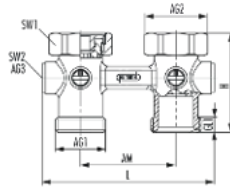
| AG1 | AG2 | A1 mm | AM mm | L mm | H mm | GL1 mm | SW1 mm | Version | Item-No |
|-------|-------|----------|----------|---------|---------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | 30 | 50 | 83.5 | 35.6 | 10.5 | 30 | Nipple | 2 249 8435 01 |
| G 3/4 | G 3/4 | 30 | 50 | 83.5 | 35.6 | 10.5 | 30 | Cone | 2 249 8436 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Two-pipe terminal blocks straight type drainable



INFO

- // Version cone: 2 cone inserts
- // Version nipple: 2 x (G 1/2 x G 3/4)
- // For two-pipe systems
- // Compact design
- // Flat sealing version
- // Ball shut-off valve
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

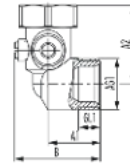
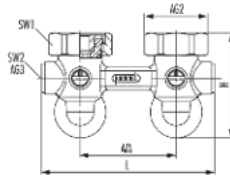
| AG1 | AG2 | AG3 | AM mm | L mm | H mm | GL1 mm | SW1 mm | SW2 mm | Version | Item-No |
|-------|-------|-------|----------|---------|---------|-----------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | G 1/4 | 50 | 90.2 | 52.1 | 8 | 30 | 6 | Nipple | 2 218 3435 01 |
| G 3/4 | G 3/4 | G 1/4 | 50 | 90.2 | 52.1 | 8 | 30 | 6 | Cone | 2 218 3436 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Two-pipe terminal blocks corner type drainable



INFO

- // Version cone: 2 cone inserts
- // Version nipple: 2 x (G 1/2 x G 3/4)
- // For two-pipe systems
- // Compact design
- // Flat sealing version
- // Ball shut-off valve
- // Eurocone compatible

TECHNICAL DATA

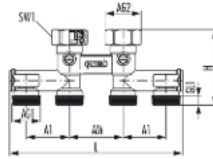
| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | AG3 | AM mm | L mm | H mm | G1 mm | SW1 mm | SW2 mm | Version | Item-No |
|-------|-------|-------|----------|---------|---------|----------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | G 1/4 | 50 | 90.2 | 53.2 | 11 | 30 | 6 | Nipple | 2 218 8435 01 |
| G 3/4 | G 3/4 | G 1/4 | 50 | 90.2 | 53.2 | 11 | 30 | 6 | Cone | 2 218 8436 01 |



to the assembly instruction

Two-pipe terminal blocks straight type (quadruple connection)



INFO

- // Version cone: 2 cone inserts
- // Version nipple: 2 x (G 1/2 x G 3/4)
- // For two-pipe systems
- // Compact design
- // Flat sealing version
- // Ball shut-off valve
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

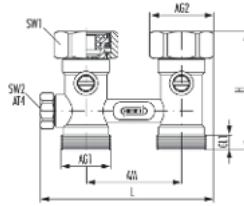
| AG1 | AG2 | A1 mm | AM mm | L mm | H mm | GL1 mm | SW1 mm | Version | Item-No |
|-------|-------|----------|----------|---------|---------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | 40 | 50 | 161 | 70.1 | 8 | 30 | Cone | 2.257.0021.01 |
| G 3/4 | G 3/4 | 40 | 50 | 161 | 70.1 | 8 | 30 | Nipple | 2.257.0022.01 |



to the assembly instruction

RADIATOR CONNECTIONS

One-pipe terminal blocks straight type



INFO

- // Version cone: 2 cone inserts
- // Version nipple: 2 x (G 1/2 x G 3/4)
- // For single pipe systems
- // Compact design
- // With lateral bypass spindle
- // Flat sealing version
- // Ball shut-off valve
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

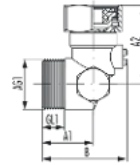
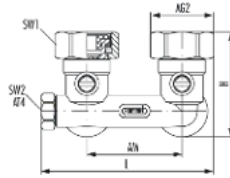
| AG1 | AG2 | B mm | H mm | GL1 mm | SW1 mm | Version | Item-No |
|-------|-------|---------|---------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | 33.5 | 62.1 | 8 | 30 | Nipple | 2 248 3435 01 |
| G 3/4 | G 3/4 | 33.5 | 62.1 | 8 | 30 | Cone | 2 248 3436 01 |



to the assembly instruction

RADIATOR CONNECTIONS

One-pipe terminal blocks corner type



INFO

- // Version cone: 2 cone inserts
- // Version nipple: 2 x (G 1/2 x G 3/4)
- // For single pipe systems
- // Compact design
- // With lateral bypass spindle
- // Flat sealing version
- // Ball shut-off valve
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

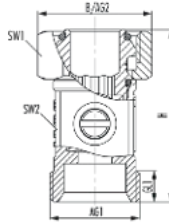
| AG1 | AG2 | A1 mm | A2 mm | B mm | H mm | GL1 mm | SW1 mm | Version | Item-No |
|-------|-------|----------|----------|---------|---------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | 27 | 41.6 | 43.8 | 53.2 | 12 | 30 | Nipple | 2 248 8435 01 |
| G 3/4 | G 3/4 | 27 | 41.6 | 43.8 | 53.2 | 12 | 30 | Cone | 2 248 8436 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Single-connection fittings straight type



INFO

- // Version nipple: 1 x (G 1/2 x G 3/4)
- // For two-pipe systems
- // Compact design
- // Conical sealing
- // Ball shut-off valve
- // Eurocone compatible

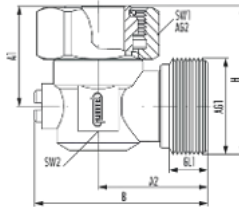
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | L mm | B mm | H mm | GL1 mm | SW1 mm | SW2 mm | Version | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | 33.5 | 33.5 | 50.6 | 9.2 | 30 | 23 | - | 2.256.3434.01 |
| G 3/4 | G 3/4 | 33.5 | 33.5 | 50.6 | 9.2 | 30 | 23 | Nipple | 2.256.3435.01 |



to the assembly instruction



INFO

- // Version nipple: 1 x (G 1/2 x G 3/4)
- // For two-pipe systems
- // Compact design
- // Conical sealing
- // Ball shut-off valve
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

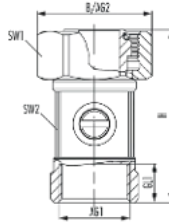
| AG1 | AG2 | A1 mm | A2 mm | L mm | B mm | H mm | GL1 mm | SW1 mm | SW2 mm | Version | Item-No |
|-------|-------|----------|----------|---------|---------|---------|-----------|-----------|-----------|---------|---------------|
| G 3/4 | G 3/4 | 27.6 | 30.4 | 33.5 | 46.8 | 40.7 | 10.4 | 30 | 23 | - | 2 256 8434 01 |
| G 3/4 | G 3/4 | 27.6 | 30.4 | 33.5 | 46.8 | 40.7 | 10.4 | 30 | 23 | Nipple | 2 256 8435 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Single-connection fittings straight type with internal thread



INFO

- // Version nipple: 1 x (G 1/2 x G 3/4)
- // For two-pipe systems
- // Compact design
- // Conical sealing
- // Ball shut-off valve
- // Eurocone compatible

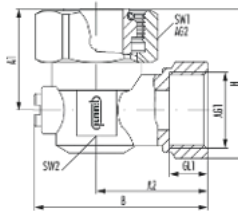
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | L mm | B mm | H mm | GL1 mm | SW1 mm | SW2 mm | Version | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|-----------|---------|---------------|
| G 1/2 | G 3/4 | 33.5 | 33.5 | 50.6 | 10 | 30 | 23 | - | 2.256.1234.01 |
| G 1/2 | G 3/4 | 33.5 | 33.5 | 50.6 | 10 | 30 | 23 | Nipple | 2.256.1235.01 |



to the assembly instruction



INFO

- // Version nipple: 1 x (G 1/2 x G 3/4)
- // For two-pipe systems
- // Compact design
- // Conical sealing
- // Ball shut-off valve
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

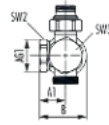
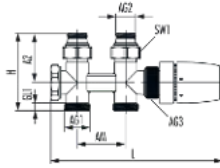
| AG1 | AG2 | A1 mm | A2 mm | L mm | B mm | H mm | GL1 mm | SW1 mm | SW2 mm | Version | Item-No |
|-------|-------|----------|----------|---------|---------|---------|-----------|-----------|-----------|---------|---------------|
| G 1/2 | G 3/4 | 27.6 | 30.4 | 33.5 | 46.8 | 40.4 | 9 | 30 | 23 | - | 2.256.8412.01 |
| G 1/2 | G 3/4 | 27.6 | 30.4 | 33.5 | 46.8 | 40.4 | 9 | 30 | 23 | Nipple | 2.256.8413.01 |



to the assembly instruction

RADIATOR CONNECTIONS

Quadro valve terminal blocks



INFO

- // Version nipple: 2 x (G 1/2 x G 3/4)
- // Valve manifold with thermostatic head and cover cap
- // For two-pipe systems in corner or through form
- // For pipe connection to the wall or perpendicular to the floor
- // The thermostatic head can be mounted on the left or right side
- // Thermostatic valve bonnet and shut-off bonnet can be exchanged
- // The flow must always be connected on the side of the thermostat sensor

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM / Teflon |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |
| Thermostat connection | M30 x 1.5 |

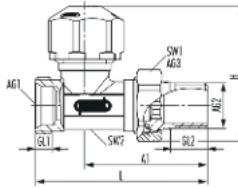
| AG1 | AG2 | AG3 | AM mm | A1 mm | A2 mm | L mm | H mm | Colour | Version | Item-No |
|-------|-------|-----------|----------|----------|----------|---------|---------|--------|---------|---------------|
| G 3/4 | G 1/2 | M30 x 1,5 | 50 | 26 | 51 | 178 | 80 | chrome | Nipple | 2 219 8412 02 |
| G 3/4 | G 1/2 | M30 x 1,5 | 50 | 26 | 51 | 178 | 80 | white | Nipple | 2 219 8412 90 |
| G 3/4 | G 1/2 | M30 x 1,5 | 50 | 26 | 51 | 178 | 80 | black | Nipple | 2 219 8412 05 |



to the assembly instruction

RADIATOR CONNECTIONS

Thermostatic valve straight type (Eurocone)



INFO

- // Single connection
- // With pre-adjustable thermostatic valve insert and protective cap
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |
| Thermostat connection | M30 x 1.5 |

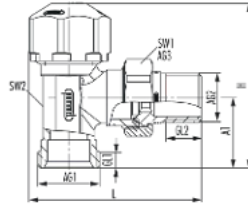
| AG1 | AG2 | AG3 | A1 mm | L mm | H mm | GL1 mm | GL2 mm | SW1 mm | SW2 mm | SW3 mm | Item-No |
|-------|-------|-------|----------|---------|---------|-----------|-----------|-----------|-----------|-----------|---------------|
| G 3/4 | G 1/2 | G 3/4 | 56.7 | 80 | 54 | 7.5 | 15 | 30 | 22 | 22 | 2 914 1234 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Thermostatic valve corner type (Eurocone)



INFO

- // Single connection
- // With pre-adjustable thermostatic valve insert and protective cap
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |
| Thermostat connection | M30 x 1.5 |

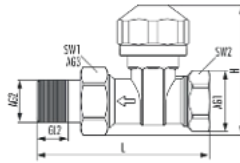
| AG1 | AG2 | AG3 | A1 mm | L mm | H mm | GL1 mm | GL2 mm | SW1 mm | SW2 mm | SW3 mm | Item-No |
|-------|-------|-------|----------|---------|---------|-----------|-----------|-----------|-----------|-----------|---------------|
| G 3/4 | G 1/2 | G 3/4 | 30 | 73.2 | 65.5 | 7.5 | 15 | 30 | 22 | 22 | 2 904 1234 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Thermostatic valves straight type (internal thread)



INFO

- // Single connection
- // With pre-adjustable thermostatic valve insert and protective cap
- // Internal thread

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |
| Thermostat connection | M30 x 1.5 |

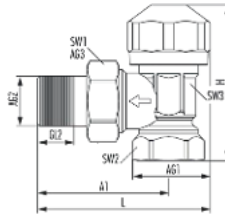
| AG1 | AG2 | AG3 | L mm | H mm | GL2 mm | SW1 mm | SW2 mm | SW3 mm | Item-No |
|-------|-------|-------|---------|---------|-----------|-----------|-----------|-----------|---------------|
| G 3/8 | G 3/8 | G 5/8 | 75 | 57.5 | 11 | 27 | 22 | 22 | 2 914 3800 01 |
| G 1/2 | G 1/2 | G 3/4 | 84 | 59 | 15 | 30 | 27 | 22 | 2 914 1200 01 |
| G 3/4 | G 3/4 | G 1 | 96 | 71 | 16 | 38 | 32 | 22 | 2 914 3400 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Thermostatic valves corner type (internal thread)



INFO

- // Single connection
- // With pre-adjustable thermostatic valve insert and protective cap
- // Internal thread

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |
| Thermostat connection | M30 x 1.5 |

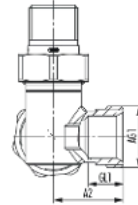
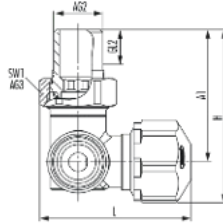
| AG1 | AG2 | AG3 | A1 mm | L mm | H mm | GL2 mm | SW1 mm | SW2 mm | SW3 mm | Item-No |
|-------|-------|-------|----------|---------|---------|-----------|-----------|-----------|-----------|---------------|
| G 3/8 | G 3/8 | G 5/8 | 20 | 65.5 | 55.5 | 11 | 27 | 22 | 22 | 2 904 3800 01 |
| G 1/2 | G 1/2 | G 3/4 | 25 | 69.5 | 60.5 | 15 | 30 | 27 | 22 | 2 904 1200 01 |
| G 3/4 | G 3/4 | G 1 | 29 | 76.5 | 78 | 16 | 38 | 32 | 22 | 2 904 3400 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Thermostatic valve angle corner type right



INFO

- // Single connection
- // With pre-adjustable thermostatic valve insert and protective cap
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |
| Thermostat connection | M30 x 1.5 |

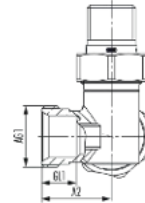
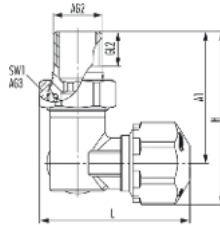
| AG1 | AG2 | AG3 | A1 mm | L mm | H mm | GL1 mm | GL2 mm | SW1 mm | Item-No |
|-------|-------|-------|----------|---------|---------|-----------|-----------|-----------|---------------|
| G 3/4 | G 1/2 | G 3/4 | 56.7 | 53.5 | 73.2 | 7.5 | 15 | 30 | 2 922 1234 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Thermostatic valve angle corner type left



INFO

- // Single connection
- // With pre-adjustable thermostatic valve insert and protective cap
- // Eurocone compatible

TECHNICAL DATA

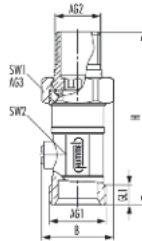
| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |
| Thermostat connection | M30 x 1.5 |

| AG1 | AG2 | AG3 | A1 mm | L mm | H mm | GL1 mm | GL2 mm | SW1 mm | Item-No |
|-------|-------|-------|----------|---------|---------|-----------|-----------|-----------|---------------|
| G 3/4 | G 1/2 | G 3/4 | 56.7 | 53.5 | 73.2 | 7.5 | 15 | 30 | 2 923 1234 01 |



to the assembly instruction

Threaded-joint radiator return straight type (Eurocone)



INFO

- // Single connection
- // Ball shut-off valve
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

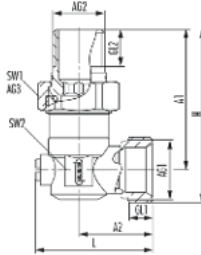
| AG1 | AG2 | AG3 | L mm | B mm | H mm | GL1 mm | GL2 mm | SW1 mm | SW2 mm | Item-No |
|-------|-------|-------|---------|---------|---------|-----------|-----------|-----------|-----------|---------------|
| G 3/4 | G 1/2 | G 3/4 | 33.5 | 33.5 | 79.7 | 9.2 | 15 | 30 | 23 | 2 920 1234 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Threaded-joint radiator return corner type (Eurocone)



INFO

- // Single connection
- // Ball shut-off valve
- // Eurocone compatible

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

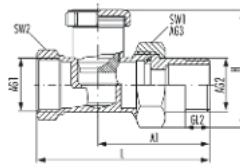
| AG1 | AG2 | AG3 | A1 mm | A2 mm | L mm | B mm | H mm | GL1 mm | GL2 mm | SW1 mm | SW2 mm | Item-No |
|-------|-------|-------|----------|----------|---------|---------|---------|-----------|-----------|-----------|-----------|---------------|
| G 3/4 | G 1/2 | G 3/4 | 56.7 | 30 | 46.8 | 33.5 | 69.8 | 10.5 | 15 | 30 | 23 | 2 925 1234 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Threaded-joint radiator returns straight type (internal thread)



INFO

- // Single connection
- // Spindle shut-off
- // Adjustable rate of flow
- // Internal thread

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

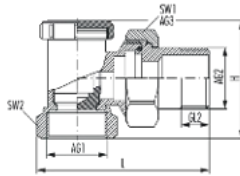
| AG1 | AG2 | AG3 | A1 mm | L mm | B mm | H mm | GL2 mm | SW1 mm | SW2 mm | Item-No |
|-------|-------|-------|----------|---------|---------|---------|-----------|-----------|-----------|---------------|
| G 3/8 | G 3/8 | G 5/8 | 55 | 75 | 32 | 43.5 | 11 | 25 | 22 | 2 915 3800 01 |
| G 1/2 | G 1/2 | G 3/4 | 60 | 84 | 33.5 | 45 | 15 | 30 | 26 | 2 915 1200 01 |
| G 3/4 | G 3/4 | G 1 | 62 | 95 | 44 | 57 | 16 | 37 | 30 | 2 915 3400 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Threaded-joint radiator returns corner type (internal thread)



INFO

- // Single connection
- // Spindle shut-off
- // Adjustable rate of flow
- // Internal thread

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

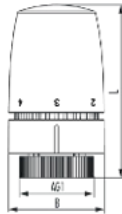
| AG1 | AG2 | AG3 | L mm | B mm | H mm | GL2 mm | SW1 mm | SW2 mm | Item-No |
|-------|-------|-------|---------|---------|---------|-----------|-----------|-----------|---------------|
| G 3/8 | G 3/8 | G 5/8 | 64.5 | 32 | 41.5 | 11 | 25 | 22 | 2 905 3800 01 |
| G 1/2 | G 1/2 | G 3/4 | 69.5 | 33.5 | 46.5 | 15 | 30 | 26 | 2 905 1200 01 |
| G 3/4 | G 3/4 | G 1 | 82 | 44 | 64 | 16 | 37 | 30 | 2 905 3400 01 |



to the assembly instruction

RADIATOR CONNECTIONS

Thermostatic heads M30 x 1,5



INFO

- // Solids sensor
- // Zero setting
- // Temperature limit

TECHNICAL DATA

| | |
|----------------------------|--|
| Material thermostatic head | ABS / PA |
| Material union nut | Nickel-plated brass / Coated brass |
| Frost protection device | Yes |
| Position 0 | Radiator closed |
| Position 1-5 | limited at respective temperature setting |
| Control range | 8 – 28 °C |
| max. Sensor temperature | 50 °C |

| AG1 | L mm | B mm | Colour | Item-No |
|-----------|---------|---------|--------|---------------|
| M30 x 1.5 | 76 | 42.5 | white | 2 907 0001 90 |
| M30 x 1,5 | 79 | 42,5 | black | 2 907 0001 05 |



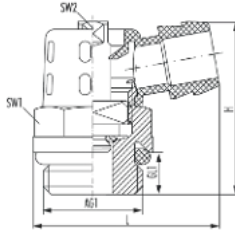
OUTFLOW

- // Outflow valves
- // FE valves
- // SFE valves
- // Filling and draining plug
- // Filling and emptying tool



OUTFLOW

Outflow valves turnable with key control



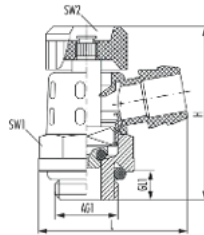
INFO

- // With axial-rotating water output 360°
- // Key control via SW5
- // O-ring sealing

TECHNICAL DATA

| | |
|----------------------------|---|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar / 16 bar (with closed spindle and a max. operating temperature of 100°C) |
| Max. operating temperature | 130 °C |

| AG1 | L mm | H mm | GL1 mm | SW1 mm | SW2 mm | Color | Item-No |
|-------|---------|---------|-----------|-----------|-----------|-------|---------------|
| G 3/8 | 32 | 29 | 7 | 17 | 5 | white | 2 540 3800 01 |
| G 3/8 | 32 | 29 | 7 | 17 | 5 | black | 2 540 3805 01 |
| G 1/2 | 32 | 29 | 7 | 19 | 5 | white | 2 531 1200 01 |
| G 1/2 | 32 | 29 | 7 | 19 | 5 | black | 2 531 1205 01 |



INFO

- // With axial-rotating water output 360°
- // Handwheel control
- // O-ring sealing

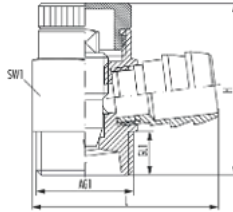
TECHNICAL DATA

| | |
|----------------------------|---|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar / 16 bar (with closed spindle and a max. operating temperature of 100°C) |
| Max. operating temperature | 130 °C |

| AG1 | L mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|---------|---------|-----------|-----------|---------------|
| G 1/4 | 31 | 36.3 | 6 | 17 | 2 540 1400 01 |
| G 3/8 | 32 | 36.3 | 7 | 17 | 2 540 3801 01 |

OUTFLOW

Outflow valve



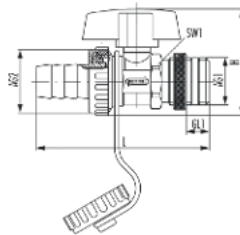
INFO

- // With fixed water outlet
- // With closure cap and knurled thread
- // Concealed spindle
- // Key control via SW5

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 130 °C |

| AG1 | L mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|---------|---------|-----------|-----------|---------------|
| G 3/8 | 32 | 29.5 | 12.5 | 18 | 2 421 3800 01 |



INFO

- // Fillable and drainable ball valve
- // For heat generation, storage tanks and pipe systems
- // With hose nozzle, protective cap, strap and lock nut
- // Self-sealing via PTFE sealing ring

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material Handles | Zinc Die Cast |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

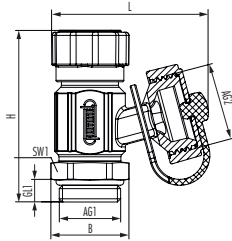
| AG1 | L mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|---------|---------|-----------|-----------|---------------|
| G 3/8 | 72 | 46.8 | 15 | 21.5 | 2 947 3800 01 |
| G 1/2 | 76 | 46.8 | 15 | 21.5 | 2 948 1200 01 |
| G 3/4 | 72 | 46.8 | 10 | 27 | 2 947 3400 01 |



to the assembly instruction

OUTFLOW

SFE valves with handwheel control



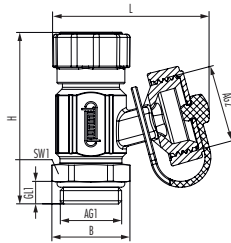
INFO

- // for heating circuit underfloor manifolds, heat generators, storage tanks and pipe systems
- // for flushing, filling, draining and venting
- // Outlet and test connection airtight up to 4 bar / watertight up to 6 bar
- // Suitable for electrical flushing/pressure testing units
- // Outlet can be rotated 360° with anti-twist protection and Euro cone
- // Threaded connection with O-ring seal

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

| AG1 | AG2 | L mm | H mm | GL1 mm | SW1 mm | SW2 mm | Item-No |
|-------|-------|---------|---------|-----------|-----------|-----------|---------------|
| G 1/2 | G 3/4 | 53,4 | 58,3 | 7,5 | 24 | 5 | 2 705 1200 01 |
| G 3/4 | G 3/4 | 56,2 | 61,3 | 7,3 | 24 | 5 | 2 705 3400 01 |
| G 1 | G 3/4 | 60,2 | 64,8 | 10 | 24 | 5 | 2 705 1000 01 |



INFO

- // for drinking water distributors, fresh water stations, storage tanks and pipe systems
- // UBA-compliant in accordance with the assessment basis for drinking water
- // For flushing, filling, draining and venting
- // Outlet and test connection airtight up to 4 bar / watertight up to 6 bar
- // Suitable for electrical flushing/pressure testing units
- // Outlet can be rotated 360° with anti-twist protection and Euro cone
- // Threaded connection with O-ring

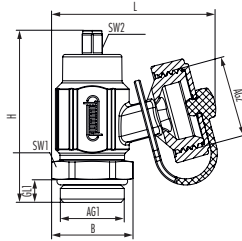
TECHNICAL DATA

| | |
|----------------------------|-------------|
| Material | Brass blank |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

| AG1 | AG2 | L mm | H mm | GL1 mm | SW1 mm | SW2 mm | Item-No |
|-------|-------|---------|---------|-----------|-----------|-----------|---------------|
| G 1/4 | G 3/4 | 53,2 | 58,3 | 6 | 22 | 5 | 2 705 1400 00 |
| G 3/8 | G 3/4 | 53,2 | 58,3 | 7.5 | 22 | 5 | 2 705 3800 00 |
| G 1/2 | G 3/4 | 53,4 | 58,3 | 7.5 | 24 | 5 | 2 705 1200 00 |

OUTFLOW

SFE valve



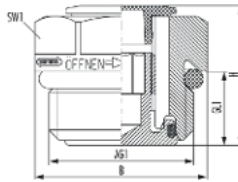
INFO

- // for drinking water distributors, fresh water stations, storage tanks and pipe systems
- // UBA-compliant in accordance with the assessment basis for drinking water
- // For flushing, filling, draining and venting
- // Outlet and test connection airtight up to 4 bar / watertight up to 6 bar
- // Suitable for electrical flushing/pressure testing units
- // Outlet can be rotated 360° with anti-twist protection and Euro cone
- // Threaded connection with O-ring

TECHNICAL DATA

| | |
|----------------------------|-------------|
| Material | Brass blank |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

| AG1 | AG2 | L mm | H mm | GL1 mm | SW1 mm | SW2 mm | Item-No |
|-------|-------|---------|---------|-----------|-----------|-----------|---------------|
| G 1/2 | G 3/4 | 53,4 | 56 | 7.5 | 24 | 5 | 2 715 1200 00 |



INFO

- // For heating circuit manifolds, heat generators, storage tanks and pipe systems
- // Controlled filling and emptying
- // Suitable for filling and emptying tool 2 584 1005 00
- // O-ring sealing

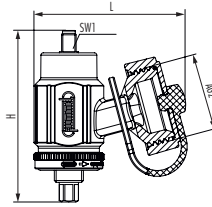
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

| AG1 | B mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|---------|---------|-----------|-----------|---------------|
| G 1/2 | 25 | 20 | 10 | 22 | 2 580 1201 01 |

OUTFLOW

Filling and emptying tool



INFO

- // Suitable for filling/emptying plug 2 580 1201 01
- // Axial-rotating hose connection 360°
- // O-ring sealing

TECHNICAL DATA

| | |
|----------------------------|-------------|
| Material | Brass blank |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

| AG2 | L mm | H mm | SW1 mm | SW2 mm | Item-No |
|-------|---------|---------|-----------|-----------|---------------|
| G 3/4 | 52,2 | 59 | 10 | 6 | 2 584 1005 00 |



to the assembly instruction

VENTING

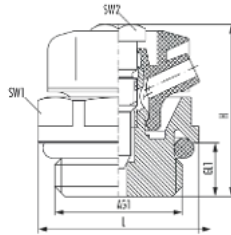
// Air bleeder valves

// Automatic ventings



VENTING

Air bleeder valves turnable with o-ring



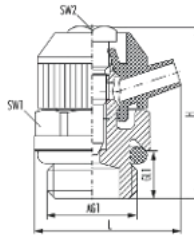
INFO

- // Rotatable vent 360°
- // Venting hose attachable
- // Key control via SW5
- // O-ring sealing

TECHNICAL DATA

| | |
|----------------------------|---|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar / 16 bar (with closed spindle and a max. operating temperature of 100°C) |
| Max. operating temperature | 130 °C |

| AG1 | L mm | H mm | GL1 mm | SW1 mm | SW2 mm | Color | Item-No |
|-------|---------|---------|-----------|-----------|-----------|-------|---------------|
| G 3/8 | 21 | 22,5 | 7 | 19 | 5 | white | 2 532 3800 01 |
| G 3/8 | 21 | 22,5 | 7 | 19 | 5 | black | 2 537 3805 01 |
| G 1/2 | 24 | 20 | 6,5 | 22 | 5 | white | 2 537 1200 01 |
| G 1/2 | 24 | 20 | 6,5 | 22 | 5 | black | 2 537 1205 01 |



INFO

- // Rotatable vent 360°
- // Venting hose attachable
- // Key control via SW5
- // O-ring sealing

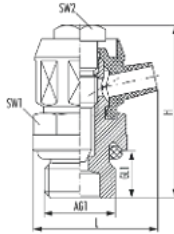
TECHNICAL DATA

| | |
|----------------------------|---|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar / 16 bar (with closed spindle and a max. operating temperature of 100°C) |
| Max. operating temperature | 130 °C |

| AG1 | L mm | H mm | GL1 mm | SW1 mm | SW2 mm | Color | Item-no |
|-------|---------|---------|-----------|-----------|-----------|-------|---------------|
| G 1/4 | 21,5 | 25,2 | 7 | 15 | 5 | white | 2 531 1400 01 |
| G 1/4 | 21,5 | 25,2 | 7 | 15 | 5 | black | 2 531 1405 01 |

VENTING

Air bleeder valves turnable with o-ring G 1/8



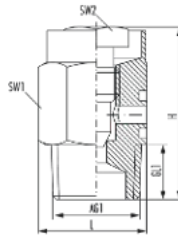
INFO

- // Rotatable vent 360°
- // Venting hose attachable
- // Key control via SW5
- // O-ring sealing

TECHNICAL DATA

| | |
|----------------------------|---|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar / 16 bar (with closed spindle and a max. operating temperature of 100°C) |
| Max. operating temperature | 130 °C |

| AG1 | L mm | H mm | GL1 mm | SW1 mm | SW2 mm | Color | Item-No |
|-------|---------|---------|-----------|-----------|-----------|-------|---------------|
| G 1/8 | 17,2 | 23,8 | 6,5 | 11 | 5 | white | 2 535 1800 01 |
| G 1/8 | 17,2 | 23,8 | 6,5 | 11 | 5 | black | 2 535 1805 01 |



INFO

- // Venting with drip eye
- // With fixed air outlet
- // Key control via SW5
- // Conical thread

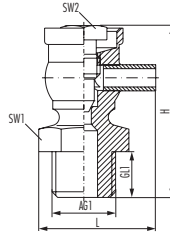
TECHNICAL DATA

| | |
|----------------------------|---|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar / 16 bar (with closed spindle and a max. operating temperature of 100°C) |
| Max. operating temperature | 130 °C |

| AG1 | L mm | H mm | GL1 mm | SW1 mm | SW2 mm | Item-No |
|-------|---------|---------|-----------|-----------|-----------|---------------|
| R 1/8 | 12.7 | 18.9 | 6 | 11 | 5 | 2 105 1800 01 |

VENTING

Air bleeder valves with key control



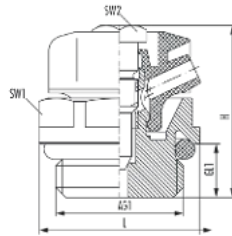
INFO

- // With fixed air outlet
- // Venting hose attachable
- // Key control via SW5
- // With knurled thread

TECHNICAL DATA

| | |
|----------------------------|---|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar / 16 bar (with closed spindle and a max. operating temperature of 100°C) |
| Max. operating temperature | 130 °C |

| AG1 | L mm | H mm | GL1 mm | SW1 mm | SW2 mm | Item-No |
|-------|---------|---------|-----------|-----------|-----------|------------|
| G 1/8 | 19 | 26 | 7 | 12 | 5 | 2110180001 |
| G 1/4 | 20 | 26 | 7 | 15 | 5 | 2110140001 |
| G 3/8 | 21 | 26,9 | 7 | 17 | 5 | 2110380101 |



INFO

- // Rotatable vent 360°
- // Venting hose attachable
- // Key control via SW5
- // O-ring sealing

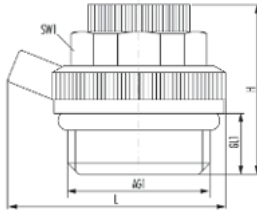
TECHNICAL DATA

| | |
|----------------------------|--------------|
| Material | Brass chrome |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

| AG1 | L mm | H mm | GL1 mm | SW1 mm | SW2 mm | Colour | Item-No |
|-------|---------|---------|-----------|-----------|-----------|--------|---------------|
| G 1/2 | 24 | 20 | 6.5 | 22 | 5 | chrome | 2.536.1201.02 |

VENTING

Automatic venting with o-ring



INFO

- // Automatic venting version
- // With expanding washers
- // With axial-rotating venting 360°
- // O-ring sealing

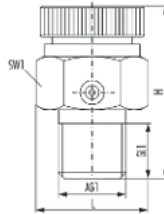
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 8,5 bar |
| Max. operating temperature | 115 °C |

| AG1 | L mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|---------|---------|-----------|-----------|---------------|
| G 1/2 | 36 | 25 | 9 | 19 | 2 520 1200 01 |



to the assembly instruction



INFO

- // Venting with drip eye
- // With fixed air outlet
- // Automatic venting version
- // With expanding washers
- // With knurled thread

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 8,5 bar |
| Max. operating temperature | 115 °C |

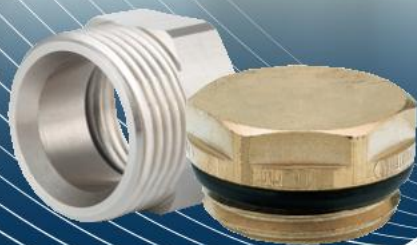
| AG1 | L mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|---------|---------|-----------|-----------|---------------|
| G 1/8 | 16 | 25 | 8.5 | 14 | 2 120 1800 01 |
| G 1/4 | 17 | 25 | 8.5 | 15 | 2 120 1400 01 |
| G 3/8 | 19.5 | 25 | 10 | 17 | 2 120 3800 01 |



to the assembly instruction

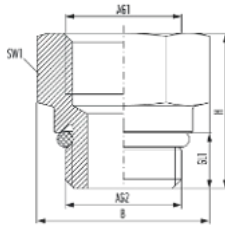
PLUGS AND REDUCTIONS

- // Reductions
- // Plugs
- // Connecting plug
- // Sealing plug



PLUGS AND REDUCTIONS

Connection pieces



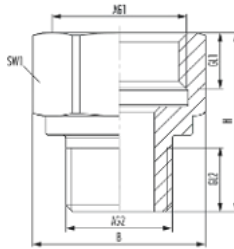
INFO

// O-ring sealing on the external thread

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | B mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|-------|---------|---------|-----------|-----------|---------------|
| G 3/4 | G 1/2 | 34.6 | 31 | 10 | 30 | 2 550 1234 01 |



INFO

- // With EPDM seal
- // Female thread flat sealing

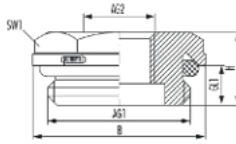
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | B mm | H mm | GL1 mm | GL2 mm | SW1 mm | Item-No |
|-------|-------|---------|---------|-----------|-----------|-----------|---------------|
| G 1/2 | G 3/8 | 27 | 28 | 9 | 10 | 24 | 2 549 1238 01 |

PLUGS AND REDUCTIONS

Connection plug



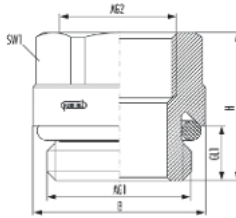
INFO

- // Flat design
- // O-ring sealing on the external thread

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | Thread | AG2 | B mm | H mm | GL1 mm | SW1 mm | Item-No |
|---------|--------|-------|---------|---------|-----------|-----------|---------------|
| G 1/2 | right | G 3/8 | 24 | 13 | 7 | 22 | 2 550 1238 99 |
| G 3/4 | right | G 1/2 | 32 | 14.5 | 7.5 | 27 | 2 550 3412 01 |
| G 1 1/2 | left | G 1/2 | 55 | 24 | 11 | 32 | 2 550 4112 01 |



INFO

- // Reinforced version
- // O-ring sealing on the external thread

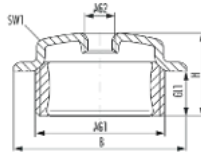
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | B mm | H mm | GL1 mm | SW1 mm | Item-No |
|-------|-------|---------|---------|-----------|-----------|---------------|
| G 1/2 | G 3/8 | 25 | 21.5 | 8 | 22 | 2 551 1238 01 |

PLUGS AND REDUCTIONS

Radiator connection plug



INFO

- // For tubes, left and DIN radiators
- // Flat sealing version

TECHNICAL DATA

| | |
|----------------------------|--------|
| Material | Steel |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

| AG1 | Thread | AG2 | B mm | H mm | GL1 mm | SW1 mm | Item-No |
|---------|--------|-------|---------|---------|-----------|-----------|---------------|
| G 1 1/4 | left | G 1/2 | 56 | 27.2 | 14.5 | 41 | 2.350.5412.03 |
| G 1 1/4 | right | G 1/2 | 56 | 27.2 | 14.5 | 41 | 2.351.5412.03 |



INFO

- // Matching gasket for the HUMMEL range of steel plugs
- // Graphitised front and back

TECHNICAL DATA

| | |
|----------------------------|--------------|
| Material | Tesnite BA50 |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

| AG1 | L mm | B mm | H mm | Item-No |
|-------|---------|---------|---------|---------------|
| 1 1/4 | 55 | 55 | 1 | 2 402 0000 04 |

PLUGS AND REDUCTIONS

Radiator plug



INFO

- // For radiators, fittings, devices and assemblies
- // O-ring sealing

TECHNICAL DATA

| | |
|----------------------------|-----------------------------------|
| Material | Brass blank / Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 130 °C |

| AG1 | B mm | H mm | GL1 mm | SW1 mm | Material | Item-No |
|-------|------|------|--------|--------|---------------------|---------------|
| G 1/8 | 13 | 11 | 5.8 | 10 | Nickel-plated brass | 2 500 1800 01 |
| G 1/4 | 18.9 | 13 | 7 | 17 | Nickel-plated brass | 2 500 1400 01 |
| G 3/8 | 21 | 13.5 | 7.4 | 19 | Nickel-plated brass | 2 500 3800 01 |
| G 1/2 | 24 | 12.8 | 7 | 22 | Brass blank | 2 506 1200 00 |
| G 1/2 | 24 | 12.8 | 7 | 22 | Nickel-plated brass | 2 506 1200 01 |
| G 3/4 | 32 | 14 | 7.3 | 27 | Nickel-plated brass | 2 500 3400 01 |
| G 1 | 40 | 18 | 10 | 32 | Nickel-plated brass | 2 500 1000 01 |

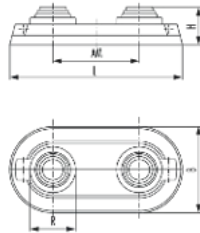
ACCESSORIES

- // Collars
- // Air bleed key
- // Tools
- // Small parts
- // Seals
- // Sealing caps



ACCESSORIES

Double collars



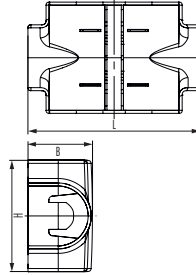
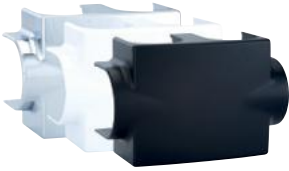
INFO

- // For double connection fittings
- // Can be cut for different pipe diameters
- // Flat design

TECHNICAL DATA

| | |
|----------|--------|
| Material | ABS |
| Collar | Double |

| AM mm | L mm | B mm | H mm | R mm | Colour | Item-No |
|----------|---------|---------|---------|----------------|------------|---------------|
| 50 | 100 | 50 | 22 | 12, 15, 18, 20 | chrome | 2 612 5000 02 |
| 50 | 100 | 50 | 22 | 12, 15, 18, 20 | white | 2 612 5000 11 |
| 50 | 100 | 50 | 22 | 12, 15, 18, 20 | anthracite | 2 612 5070 16 |
| 50 | 100 | 50 | 22 | 14, 16, 17, 20 | white | 2 612 5001 11 |



INFO

// Cover for Quadro valve terminal block

TECHNICAL DATA

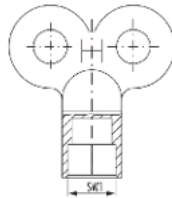
Material

ABS

| L mm | B mm | H mm | Colour | Item-No |
|---------|---------|---------|--------|---------------|
| 114 | 42,6 | 73,5 | chrome | 2 219 8400 02 |
| 114 | 42,6 | 73,5 | black | 2 219 8400 05 |
| 114 | 42,6 | 73,5 | white | 2 219 8400 90 |

ACCESSORIES

Air bleed key made of zinc die casting



INFO

- // For all vent and drain valves with square SW 5
- // Square SW 5
- // With manufacturer's mark

TECHNICAL DATA

| | |
|----------|----------------|
| Material | Zinc Die Cast |
| Colour | blue chromated |

| L mm | B mm | H mm | SW1 mm | Item-No |
|---------|---------|---------|-----------|---------------|
| 25 | 9 | 26 | 5.1 | 2 400 0500 05 |

**INFO**

// For vent valves with hose transition

TECHNICAL DATA

| | |
|----------|-------------|
| Material | PVC |
| Colour | transparent |

B
mm

6

H
mm

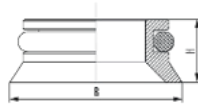
6

Item-No

2 405 0400 19

ACCESSORIES

Cone inserts



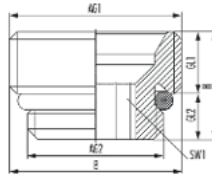
INFO

// For fittings, adapters and transitions in flat sealing design

TECHNICAL DATA

| | |
|----------------------------|-----------|
| Material | Polyamide |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | L mm | B mm | H mm | Item-No |
|-----|---------|---------|---------|---------------|
| 3/4 | 21 | 21 | 7.7 | 2 855 3401 00 |



INFO

- // For connecting fittings to radiators
- // Conical sealing design
- // O-ring sealing

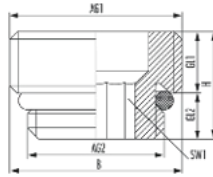
TECHNICAL DATA

| | |
|----------------------------|-------------|
| Material | Brass blank |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | L mm | B mm | H mm | GL1 mm | GL2 mm | SW1 mm | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|-----------|---------------|
| G 3/4 | G 1/2 | 26.4 | 26.4 | 16.5 | 9.5 | 7 | 12 | 2 555 1234 00 |

ACCESSORIES

Connector nipple made of brass



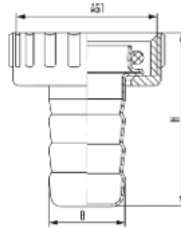
INFO

- // For connecting fittings to radiators
- // Flat sealing design
- // O-ring sealing

TECHNICAL DATA

| | |
|----------------------------|--------------------------------|
| Material | Brass blank / nickel plated |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 120 °C |

| AG1 | AG2 | L mm | B mm | H mm | GL1 mm | GL2 mm | SW1 mm | Material | Item-No |
|-------|-------|---------|---------|---------|-----------|-----------|-----------|---------------|----------------|
| G 3/4 | G 1/2 | 26.4 | 26.4 | 16.5 | 9.5 | 7 | 12 | nickel plated | 2 558 341 2 01 |
| G 3/4 | G 1/2 | 26.4 | 26.4 | 16.5 | 9.5 | 7 | 12 | blank | 2 558 1234 00 |



INFO

- // For drain valves, FE ball valve and SFE valve
- // Suitable for hoses 1/2"
- // O-ring sealing

TECHNICAL DATA

| | |
|----------------------------|-------------|
| Material | Brass blank |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

| AG1 | L mm | B mm | H mm | SW1 mm | Item-No |
|-------|---------|---------|---------|-----------|---------------|
| G 3/4 | 26.4 | 14.4 | 33 | 30 | 2 730 3412 03 |

ACCESSORIES

Sealing cap with strap



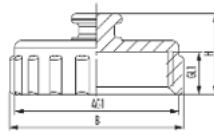
INFO

- // For drain valves, FE ball valve and SFE valve
- // Metallic design including seal
- // Flexible retaining loop as loss protection
- // Drip fuse

TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Material moulded seal | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

| AG1 | L mm | B mm | H mm | SW1 mm | Item-No |
|-------|---------|---------|---------|-----------|---------------|
| G 3/4 | 100 | 26.4 | 26.4 | 30 | 2 810 0279 13 |



INFO

- // For HUMMEL FE ball valve and SFE valve
- // For sealing when the hose nozzle is not attached

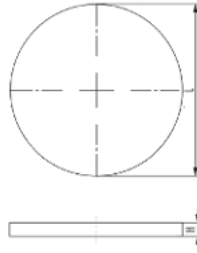
TECHNICAL DATA

| | |
|----------------------------|---------------------|
| Material | Nickel-plated brass |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

| AG1 | L mm | B mm | H mm | SW1 mm | Item-No |
|-------|---------|---------|---------|-----------|---------------|
| G 3/4 | 26.4 | 26.4 | 13.7 | 30 | 2 947 0001 01 |

ACCESSORIES

Seal für sealing cap



INFO

- // Suitable for cap G 3/4
- // High quality gasket

TECHNICAL DATA

| | |
|----------------------------|--------|
| Material | EPDM |
| Max. operating pressure | 10 bar |
| Max. operating temperature | 90 °C |

| AG1 | L mm | B mm | H mm | Item-No |
|-----|---------|---------|---------|---------------|
| 3/4 | 25 | 25 | 2 | 2 947 0002 11 |

ACCESSORIES, SPARE PARTS AND TOOLS

Spare parts



Flat sealing

for terminal block for one-pipe systems (until year of construction/catalog 2020), diverters, terminal block for two-pipe systems

Item-No DAD5-70B00A



O-Ring

for single connection, cam, Y-piece

Item-No TAX3-7G1620



Protective cap

for thermostatic valve M30 x 1.5 mm

Item-No DAK1-1MB30A



Valve insert

for TBlock (until year of construction/catalog 2020), thermostatic valve (angled, corner or straight type), thermostatic valve Designtechnik (until year of construction/catalog 2020)

Item-No DAT1-CVS13A



Valve insert

for design fitting set no. 1 corner type and set no. 2 straight type (from year of construction/catalog 2021)

Item-No DAT1-CVS13B



Valve insert

for thermostatic valve Designtechnik, flow and returnflow reversed (until year of construction/catalog 2020)

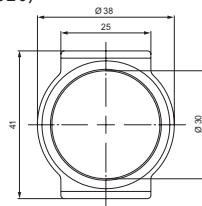
Item-No DAT1-CVS12B



Valve insert

for heating distributors

Item-No DAT1-HKV200



Valve insert

continuously adjustable valve terminal block Quadro

Item-No DAT1-QVS001



Flow rate controller

for heating distributors

Item-No DAT1-HKV100

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TECHNICAL INFORMATION

General technical information

Heating parts for drinking water systems are particularly marked in this catalog. Our products are suitable for heating systems of buildings, regardless of the type of heating.

To avoid damage and scale formation, the composition of the heat transfer medium should conform to VDI (The Association of German Engineers) guideline 2035. For industry and district heating plants, the AGFW work sheet FW 510 is to be observed. Mineral oils contained in the heat-transfer medium (alternatively, Neo-Fermit and other lubricants of the type that contain mineral oil) cause swelling and, in most cases, the breakdown of EPDM sealings.

The threads of HUMMEL threaded joints are, unless stated otherwise, manufactured according to DIN EN ISO 228-1. We reserve the right to make technical changes, as well as changes to dimensions and design.

DIN EN 16313

HUMMEL single and double connection fittings comply with required figures of DIN EN 16313. HUMMEL compression fittings also comply with the functional dimensions of DIN EN 16313. By combining a HUMMEL compression fitting with a part from other manufacturers it has to be ensured that this part has been manufactured in compliance with DIN EN 16313.

Assembly instructions

Our assembly instructions are enclosed with our products or available online in our technical center at www.hummel.com. For further requests a personal contact person will be happy to provide you with detailed information.

DIN ISO 9001

HUMMEL supplies certified quality according to DIN ISO 9001 and sets with this high demands towards the own products, as well as towards the suppliers. Only standardized and certified copper alloys of well-known European semi-finished product plants getting used in production.



to the pressure loss diagrams

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