

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

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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.

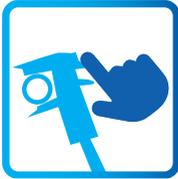
The new fitting sets are specially designed to meet the needs of tradesmen in renovation work. The resealable packaging contains 10 multi-range compression fittings plus a suitable calibration tool. This pre-treats the pipes so that a secure and permanently reliable connection is guaranteed.



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

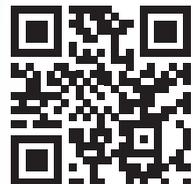


Step 3: Display results

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

STEEL PIPE ADAPTER CASE

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

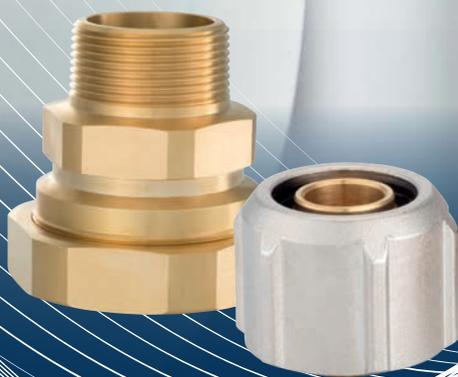
Suitable pipe-diameters (DIN EN 10255M)

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

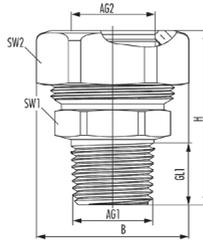
DRINKING WATER

- // Steel pipe adapters
- // Compression fittings
- // Connectors and nipples



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

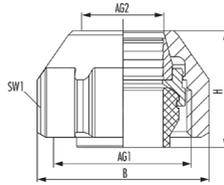


to the assembly instruction



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

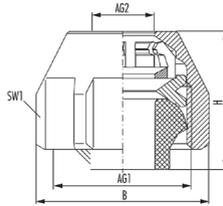


to the product video



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 *

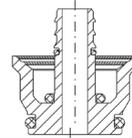
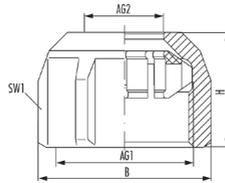
* ÜA-certified for cold water applications until 20°C

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



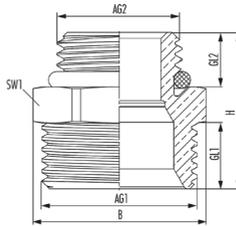
UBA-conform



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	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

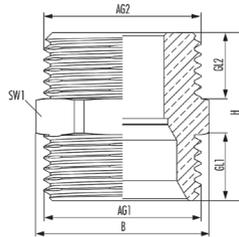
- // For compression fittings
- // For manifolds and fittings
- // O-ring sealing
- // Flush-mounted use according to DIN
- // Eurocone compatible

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

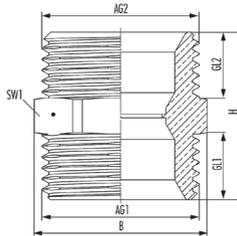
TECHNICAL DATA

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

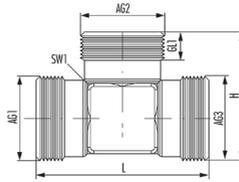
- // For compression fittings
- // Connecting pipe systems
- // Flush-mounted use according to DIN
- // Eurocone compatible

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

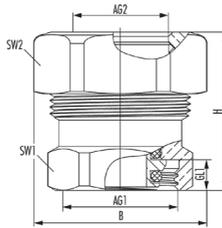
CONNECTION TECHNOLOGY

- // 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

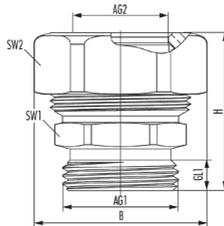
AG1	AG2	B mm	H mm	GL1 mm	SW1 mm	SW2 mm	Item-No
G 3/4	3/8	33	34	7	30	30	2 353 3834 01
G 3/4	1/2	39.5	36	7	30	36	2 353 1234 01



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



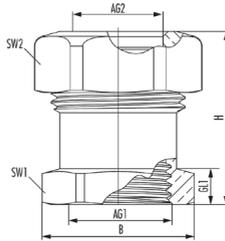
to the assembly instruction



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

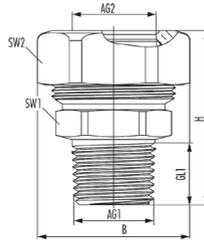
AG1	AG2	B mm	H mm	GL1 mm	SW1 mm	SW2 mm	Item-No
G 1/2	3/8	33	34	10	27	30	2.356.381.2.01
G 1/2	1/2	39.5	36	10	27	36	2.356.121.2.01



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



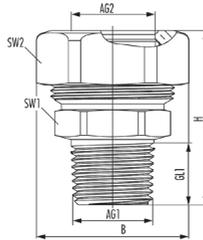
to the assembly instruction



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

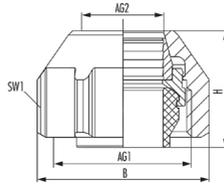


to the assembly instruction



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

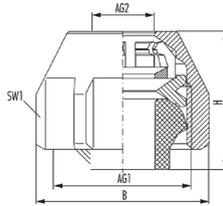


to the product video



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

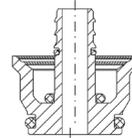
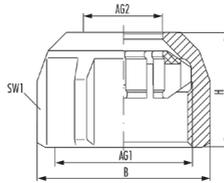
* ÜA-certified for cold water applications until 20°C

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



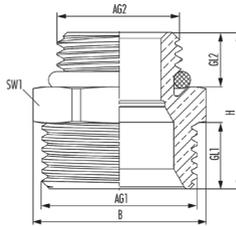
UBA-conform



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	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

CONNECTION TECHNOLOGY

Connector nipple



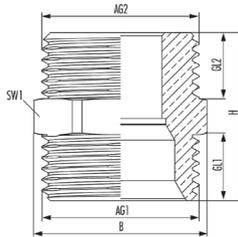
INFO

- // 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

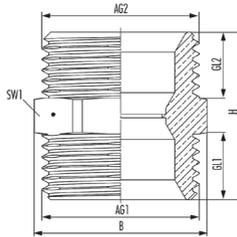
TECHNICAL DATA

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



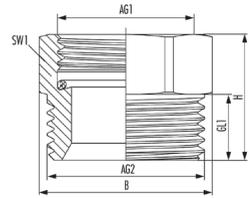
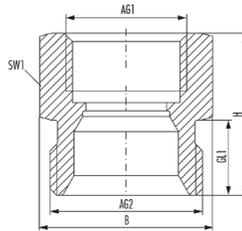
INFO

- // 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

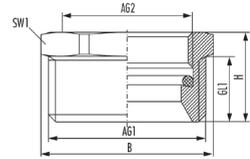
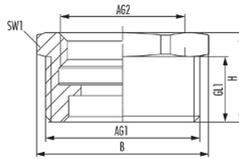
TECHNICAL DATA

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

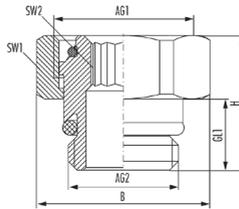
- // Compact transition for radiator fittings
- // Including sealing

- * 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

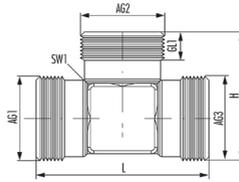
TECHNICAL DATA

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



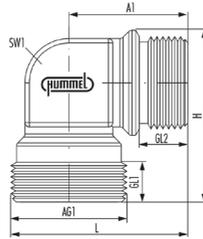
INFO

- // 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

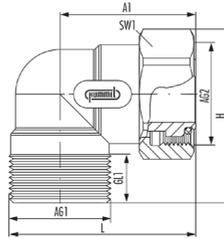
TECHNICAL DATA

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

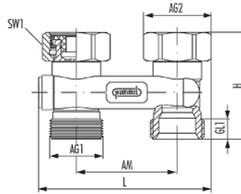
RADIATOR CONNECTIONS

- // 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



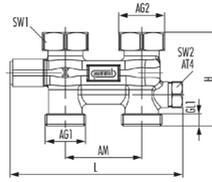
to the assembly instruction



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



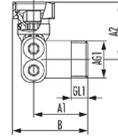
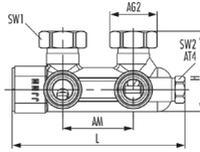
to the assembly instruction



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



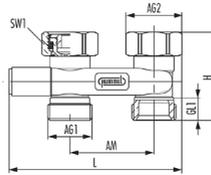
to the assembly instruction



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



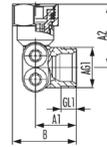
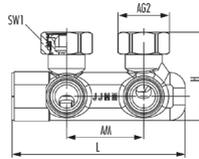
to the assembly instruction



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



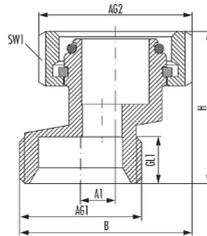
to the assembly instruction



to the product video

RADIATOR CONNECTIONS

Excenters for connection fittings



INFO

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

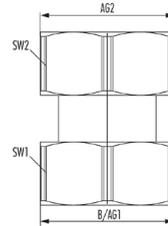
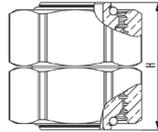
TECHNICAL DATA

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



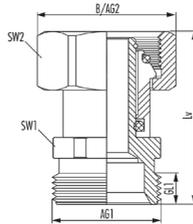
INFO

- // 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

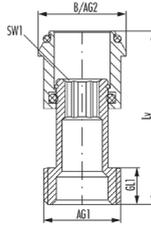
AG1	AG2	Lv mm	B mm	H mm	GL1 mm	SW1 mm	SW2 mm	Version	Item-No
G 3/4	G 3/4	37.1 – 53	33.5	53	10	24	30	-	2 559 3434 01
G 3/4	G 3/4	37.1 – 53	33.5	53	10	24	30	Nipple	2 559 3435 01
G 3/4	G 3/4	37.1 – 53	33.5	53	10	24	30	Cone	2 559 3436 01
G 3/4	G 3/4	37.1 – 53	33.5	53	10	24	30	Cone & nipple	2 859 3435 01



to the assembly instruction

RADIATOR CONNECTIONS

Telescopic connections



INFO

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

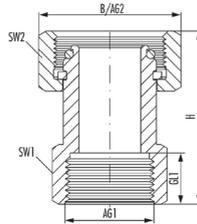
TECHNICAL DATA

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

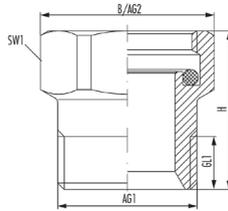
TECHNICAL DATA

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

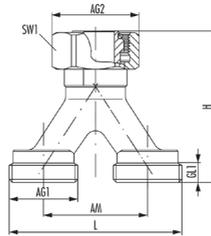
- // Extension of fittings, valves and return fittings
- // For the adjustment of horizontal and vertical pipe distances
- // O-ring sealing
- // Eurocone compatible

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 *

*** AVAILABLE FROM
APRIL 2026**



INFO

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

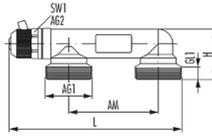
TECHNICAL DATA

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

AG1	AG2	AM mm	L mm	B mm	H mm	GL1 mm	SW1 mm	Version	Item-No
G 3/4	G 3/4	40	66	33.5	58	7.5	30	-	2 257 0008 01
G 3/4	G 3/4	40	66	33.5	58	7.55	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

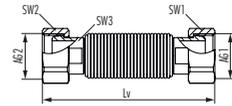
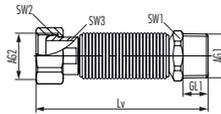
TECHNICAL DATA

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

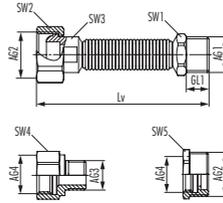
AG1	AG2	Lv mm	SW1 mm	SW2 mm	SW3 mm	Flow rate l/h	Item-No
R 3/4	G 3/4	95 – 200	27	30	21	2200	2 823 3434 01
G 3/4	G 3/4	95 – 200	30	30	21	2200	2 830 3434 01



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

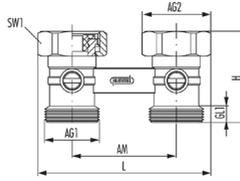
AG1	AG2	AG3	AG4	Lv mm	SW1 mm	SW2 mm	SW3 mm	SW4 mm	SW5 mm	Item-No
R 1/2	G 3/4	G 3/8	G 1/2	65 – 95	22	30	19	24	26	2 826 1238 341
R 1/2	G 3/4	G 3/8	G 1/2	93 – 143	22	30	19	24	26	2 827 1238 341
R 1/2	G 3/4	G 3/8	G 1/2	115 – 210	22	30	19	24	26	2 828 1238 341
R 1/2	G 3/4	G 3/8	G 1/2	190 – 410	22	30	19	24	26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

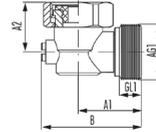
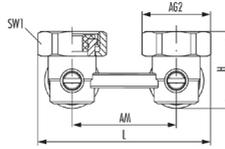
AG1	AG2	AM mm	L mm	H mm	GL1 mm	SW1 mm	Version	Item-No
G 3/4	G 3/4	50	83.5	43.5	8	30	Nipple	2 249 3435 01
G 3/4	G 3/4	50	83.5	43.5	8	30	Cone	2 249 3436 01



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

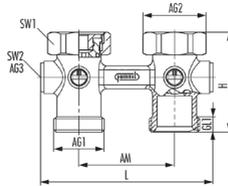
AG1	AG2	A1 mm	AM mm	L mm	H mm	GL1 mm	SW1 mm	Version	Item-No
G 3/4	G 3/4	30	50	83.5	35.6	10.5	30	Nipple	2 249 8435 01
G 3/4	G 3/4	30	50	83.5	35.6	10.5	30	Cone	2 249 8436 01



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

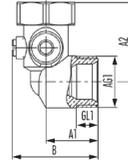
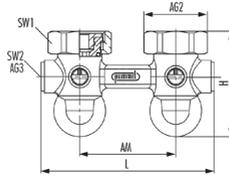
AG1	AG2	AG3	AM mm	L mm	H mm	GL1 mm	SW1 mm	SW2 mm	Version	Item-No
G 3/4	G 3/4	G 1/4	50	90.2	52.1	8	30	6	Nipple	2 218 3435 01
G 3/4	G 3/4	G 1/4	50	90.2	52.1	8	30	6	Cone	2 218 3436 01



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

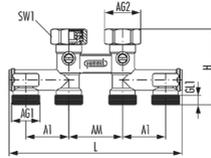
Material	Nickel-plated brass
Material moulded seal	EPDM / Teflon
Max. operating pressure	10 bar
Max. operating temperature	120 °C

AG1	AG2	AG3	AM mm	L mm	H mm	GL1 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

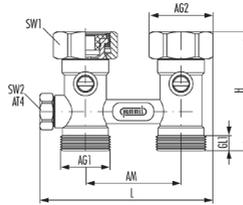
AG1	AG2	A1 mm	AM mm	L mm	H mm	GL1 mm	SW1 mm	Version	Item-No
G 3/4	G 3/4	40	50	161	70.1	8	30	Cone	2.257.0021.01
G 3/4	G 3/4	40	50	161	70.1	8	30	Nipple	2.257.0022.01



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

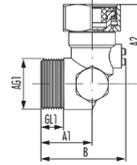
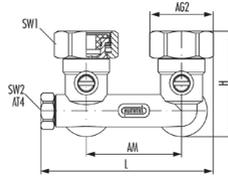
AG1	AG2	B mm	H mm	GL1 mm	SW1 mm	Version	Item-No
G 3/4	G 3/4	33.5	62.1	8	30	Nipple	2 248 3435 01
G 3/4	G 3/4	33.5	62.1	8	30	Cone	2 248 3436 01



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

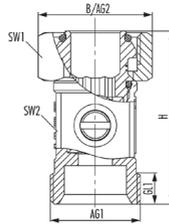
AG1	AG2	A1 mm	A2 mm	B mm	H mm	GL1 mm	SW1 mm	Version	Item-No
G 3/4	G 3/4	27	41.6	43.8	53.2	12	30	Nipple	2 248 8435 01
G 3/4	G 3/4	27	41.6	43.8	53.2	12	30	Cone	2 248 8436 01



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

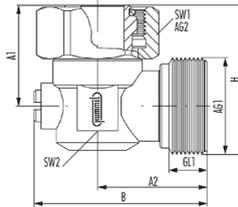
TECHNICAL DATA

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

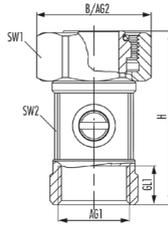
AG1	AG2	A1 mm	A2 mm	L mm	B mm	H mm	GL1 mm	SW1 mm	SW2 mm	Version	Item-No
G 3/4	G 3/4	27.6	30.4	33.5	46.8	40.7	10.4	30	23	-	2 256 8434 01
G 3/4	G 3/4	27.6	30.4	33.5	46.8	40.7	10.4	30	23	Nipple	2 256 8435 01



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

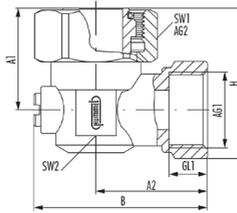
TECHNICAL DATA

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

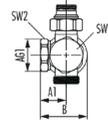
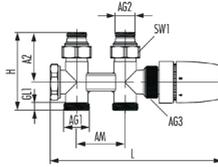
AG1	AG2	A1 mm	A2 mm	L mm	B mm	H mm	GL1 mm	SW1 mm	SW2 mm	Version	Item-No
G 1/2	G 3/4	27.6	30.4	33.5	46.8	40.4	9	30	23	-	2.256.8412.01
G 1/2	G 3/4	27.6	30.4	33.5	46.8	40.4	9	30	23	Nipple	2.256.8413.01



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

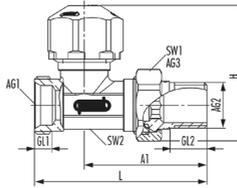
TECHNICAL DATA

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



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

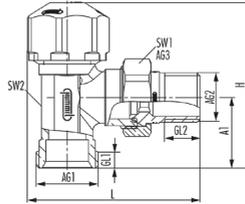
AG1	AG2	AG3	A1 mm	L mm	H mm	GL1 mm	GL2 mm	SW1 mm	SW2 mm	SW3 mm	Item-No
G 3/4	G 1/2	G 3/4	56.7	80	54	7.5	15	30	22	22	2 914 1234 01



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

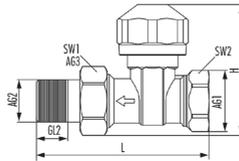
AG1	AG2	AG3	A1 mm	L mm	H mm	GL1 mm	GL2 mm	SW1 mm	SW2 mm	SW3 mm	Item-No
G 3/4	G 1/2	G 3/4	30	73.2	65.5	7.5	15	30	22	22	2 904 1234 01



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

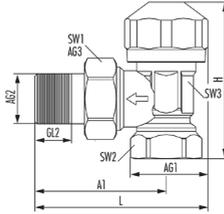
AG1	AG2	AG3	L mm	H mm	GL2 mm	SW1 mm	SW2 mm	SW3 mm	Item-No
G 3/8	G 3/8	G 5/8	75	57.5	11	27	22	22	2 914 3800 01
G 1/2	G 1/2	G 3/4	84	59	15	30	27	22	2 914 1200 01
G 3/4	G 3/4	G 1	96	71	16	38	32	22	2 914 3400 01



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

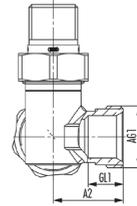
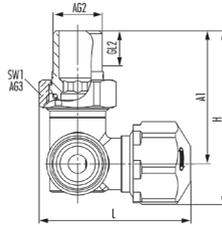
AG1	AG2	AG3	A1 mm	L mm	H mm	GL2 mm	SW1 mm	SW2 mm	SW3 mm	Item-No
G 3/8	G 3/8	G 5/8	20	65.5	55.5	11	27	22	22	2 904 3800 01
G 1/2	G 1/2	G 3/4	25	69.5	60.5	15	30	27	22	2 904 1200 01
G 3/4	G 3/4	G 1	29	76.5	78	16	38	32	22	2 904 3400 01



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

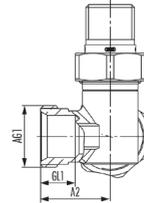
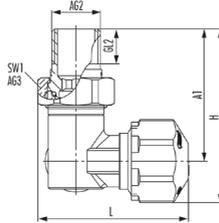
AG1	AG2	AG3	A1 mm	L mm	H mm	GL1 mm	GL2 mm	SW1 mm	Item-No
G 3/4	G 1/2	G 3/4	56.7	53.5	73.2	7.5	15	30	2 922 1234 01



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

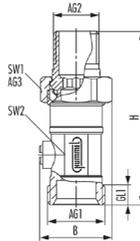
Material	Nickel-plated brass
Max. operating pressure	10 bar
Max. operating temperature	90 °C
Thermostat connection	M30 x 1.5

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

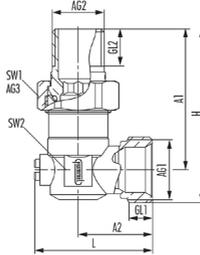
AG1	AG2	AG3	L mm	B mm	H mm	GL1 mm	GL2 mm	SW1 mm	SW2 mm	Item-No
G 3/4	G 1/2	G 3/4	33.5	33.5	79.7	9.2	15	30	23	2 920 1234 01



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

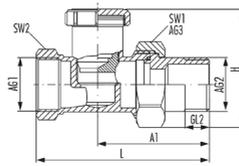
AG1	AG2	AG3	A1 mm	A2 mm	L mm	B mm	H mm	GL1 mm	GL2 mm	SW1 mm	SW2 mm	Item-No
G 3/4	G 1/2	G 3/4	56.7	30	46.8	33.5	69.8	10.5	15	30	23	2 925 1234 01



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

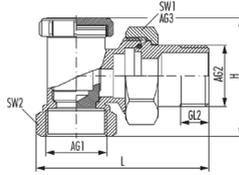
AG1	AG2	AG3	A1 mm	L mm	B mm	H mm	GL2 mm	SW1 mm	SW2 mm	Item-No
G 3/8	G 3/8	G 5/8	55	75	32	43.5	11	25	22	2 915 3800 01
G 1/2	G 1/2	G 3/4	60	84	33.5	45	15	30	26	2 915 1200 01
G 3/4	G 3/4	G 1	62	95	44	57	16	37	30	2 915 3400 01



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

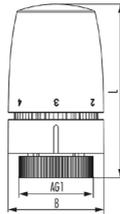
AG1	AG2	AG3	L mm	B mm	H mm	GL2 mm	SW1 mm	SW2 mm	Item-No
G 3/8	G 3/8	G 5/8	64.5	32	41.5	11	25	22	2 905 3800 01
G 1/2	G 1/2	G 3/4	69.5	33.5	46.5	15	30	26	2 905 1200 01
G 3/4	G 3/4	G 1	82	44	64	16	37	30	2 905 3400 01



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

	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



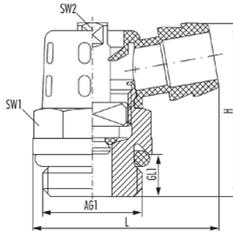
OUTFLOW

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



OUTFLOW

Outflow valves turnable with key control



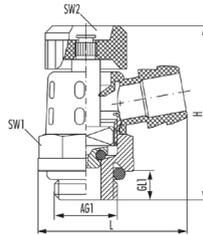
INFO

- // 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

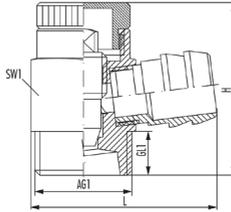
TECHNICAL DATA

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



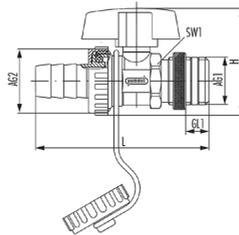
INFO

- // 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

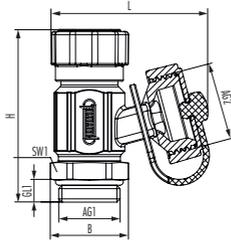
AG1	L mm	H mm	GL1 mm	SW1 mm	Item-No
G 3/8	72	46.8	15	21.5	2 947 3800 01
G 1/2	76	46.8	15	21.5	2 948 1200 01
G 3/4	72	46.8	10	27	2 947 3400 01



to the assembly instruction

OUTFLOW

SFE valves with handwheel control



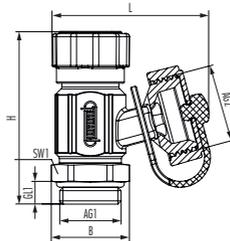
INFO

- // 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

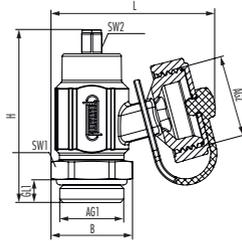
TECHNICAL DATA

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



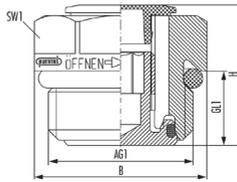
INFO

- // 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

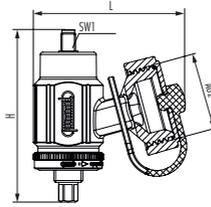
TECHNICAL DATA

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

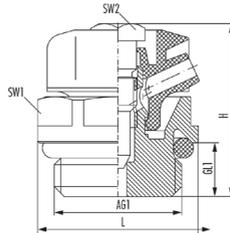
// Air bleeder valves

// Automatic ventings



VENTING

Air bleeder valves turnable with o-ring



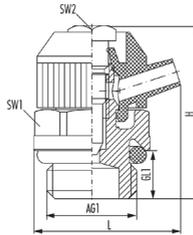
INFO

- // 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

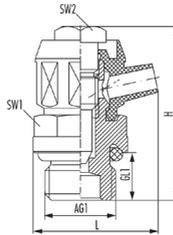
TECHNICAL DATA

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

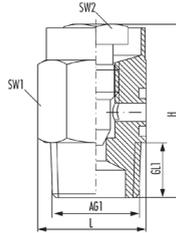
- // Rotatable vent 360°
- // Venting hose attachable
- // Key control via SW5
- // O-ring sealing

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

Air bleeder valve with key control R 1/8



INFO

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

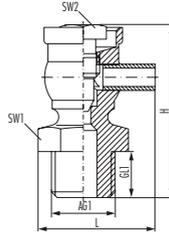
TECHNICAL DATA

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



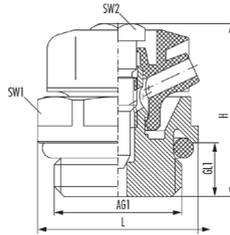
INFO

- // 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	2 110 1800 01
G 1/4	20	26	7	15	5	2 110 1400 01
G 3/8	21	26,9	7	17	5	2 110 3801 01



INFO

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

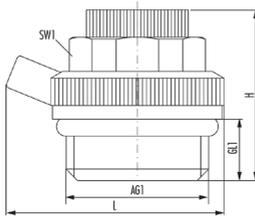
TECHNICAL DATA

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

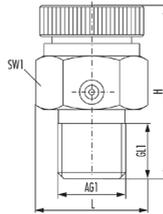
TECHNICAL DATA

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

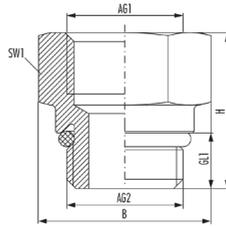
PLUGS AND REDUCTIONS

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



PLUGS AND REDUCTIONS

Connection pieces



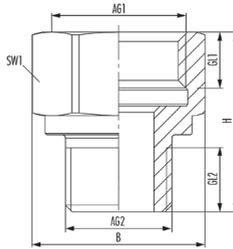
INFO

// 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

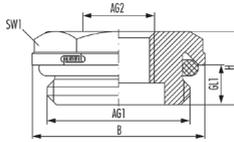
TECHNICAL DATA

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



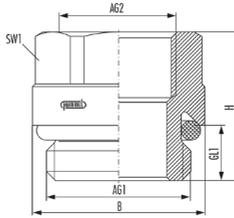
INFO

- // 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

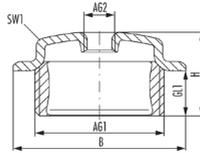
TECHNICAL DATA

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

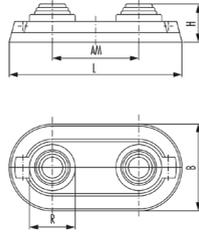
ACCESSORIES

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



ACCESSORIES

Double collars



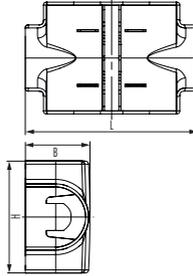
INFO

- // 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

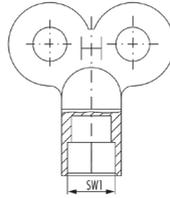
Material

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

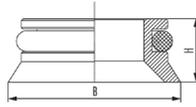
6

Item-No

2 405 0400 19

ACCESSORIES

Cone inserts



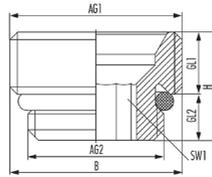
INFO

// 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

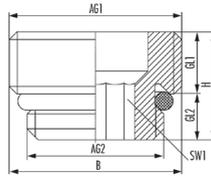
TECHNICAL DATA

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



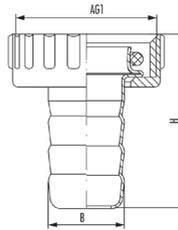
INFO

- // 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



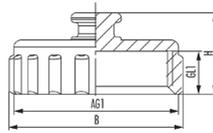
INFO

- // 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

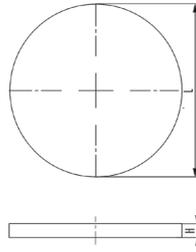
TECHNICAL DATA

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)

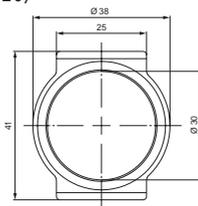
Item-No DAT1-CVS12B



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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Solutions for drinking water systems

Steel pipe adapters, compression fittings, connection fittings, nipples



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