

Climate
Control

IMI Heimeier

Accessories and spare parts



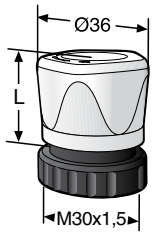
Thermostatic radiator valves

Accessories and spare parts

Accessories, spare parts and retrofitting aids for thermostatic valve bodies Eclipse, V-exact II, Calypso, Calypso exact, Standard, with particularly low resistance, for reversed flow direction and thermostatic three-way valve bodies. Also for retrofit valves e. g. Radiett/Renovett and for older IMI TA valves, e.g. RVT, RVO.



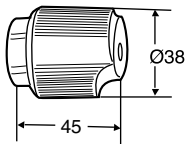
Handwheels



Handwheel M30x1,5

For IMI Heimeier thermostatic valve bodies.
Max. medium temperature 100°C (212°F).

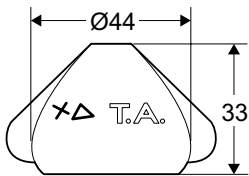
	L	EAN	Article No
With swivelling nut			
white RAL 9016	50	4024052156610	2001-00.325
With direct connection			
white RAL 9016	41	4024052323494	1303-01.325
chrome-plated	41	4024052525195	1303-10.325



Handwheel M28x1,5

For older IMI TA thermostatic valve bodies.

Colour	EAN	Article No
White	7318792605109	50 399-001



Handwheel for manual valve RVO-Ä, RVE-S

Incl. handwheel screw. Cone on spindle.

Colour	EAN	Article No
Grey	7318792562501	50 199-004

Setting tools



Setting key
for Eclipse. Color orange.

	EAN	Article No
	4024052937714	3930-02.142



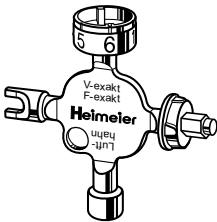
Setting key
For V-exact II **from 2012**, Calypso exact, Calypso TRV-3, Calypso F-exact and Vekolux.
Color grey.

	EAN	Article No
	4024052035823	3670-01.142



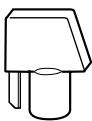
Setting key
for V-exakt **to end of 2011** and F-exakt.

	EAN	Article No
	4024052207015	3501-02.142



Universal key
as an alternative to the setting key art. no. 3501-02.142 for adjusting V-exakt **to end of 2011**/F-exakt. Also for thermostatic head B (temperature setting), Regulux lockshield, Vekolux double connection fitting and radiator air vent.
Refer also to the assembly and operating instruction.

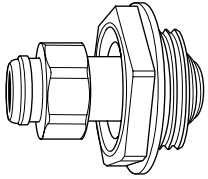
	EAN	Article No
	4024052338917	0530-01.433



Regulating key for RVO and STK
52 187-003 must be used if the valve spindle top is made of plastic.

For valve	Material	EAN	Article No
RVO, STK	Plastic	7318792835803	52 187-003

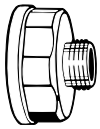
Radiator connections



Ventilux

Radiator compensation fitting with continuously adjustable screw nipple. With this fitting, old valves of different supply and return pipe lengths can easily be replaced. Double O-ring sealing. Permitted operating pressure PB 10 bar. Permitted operating temperature TB 120°C (248°F). Adjustable to 35 mm. Radiator connection DN 32 (1 1/4"). High static pressures can lead to displacement of the compensation fitting. Secure pipes and radiators adequately. Ensure that stress-free installation is carried out.

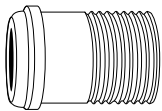
DN valve	EAN	Article No
Right-handed thread		
10 (3/8")	4024052157518	2001-01.600
15 (1/2")	4024052158713	2001-02.600
20 (3/4")	4024052159611	2001-03.600
Left-handed thread		
10 (3/8")	4024052163618	2002-01.600
15 (1/2")	4024052164011	2002-02.600
20 (3/4")	4024052164318	2002-03.600



Reducing piece

for replacing old valves with valve bodies with smaller nominal widths. Brass nickel-plated.

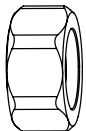
	EAN	Article No
Rp 3/4 x R 1/2	4024052317103	2201-32.044
Rp 1 x R 1/2	4024052317219	2201-42.044
Rp 1 x R 3/4	4024052317318	2201-43.044
Rp 1 1/4 x R 1/2	4024052317417	2201-52.044
Rp 1 1/4 x R 3/4	4024052317516	2201-53.044



Threaded nipple

Conically sealing. Brass nickel plated.

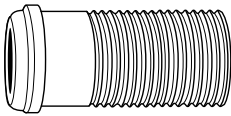
	EAN	Article No
R 3/8	4024052110513	0121-01.010
R 1/2	4024052111015	0121-02.010
R 3/4	4024052111510	0121-03.010



Union nut

Brass nickel plated.

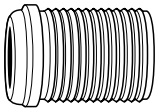
DN valve	EAN	Article No
10 (3/8")	4024052110612	0121-01.011
15 (1/2")	4024052111114	0121-02.011
20 (3/4")	4024052111619	0121-03.011



Threaded nipple

for length compensation. Brass nickel-plated.

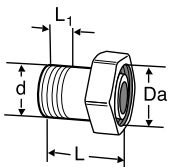
Total length [mm]		EAN	Article No
47,0	R 3/8	4024052173815	2201-01.010
54,0	R 1/2	4024052174010	2201-02.010
52,5	R 3/4	4024052174218	2201-03.010



Threaded nipple

Standard length. Continuous thread for reduced lengths. Brass nickel-plated.

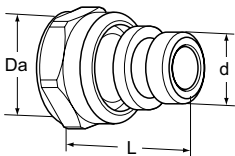
Total length [mm]		EAN	Article No
27,0	R 3/8	4024052175710	2202-01.010
31,5	R 1/2	4024052175918	2202-02.010



Straight sleeve with nut

(Taper connection)

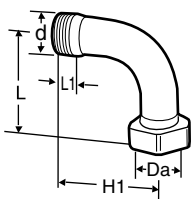
DN	d	Da	L	L1	EAN	Article No
10	R3/8	M22x1,5	25	8	7318792687402	50 701-510
15	R1/2	M26x1,5	30	10	7318792687501	50 701-515
15	R1/2	M22x1,5	25	10	7318792687600	50 701-516
20	R3/4	M34x1,5	34	11	7318792687709	50 701-520



Straight sleeve with O-ring and nut

(Taper connection)

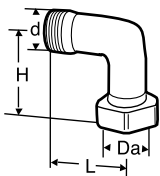
DN	d	Da	L	EAN	Article No
15	G1/2	M26x1,5	32	7318793830401	50 707-615
15	G1/2	M22x1,5	33	7318793825803	50 707-616



Elbow with nut

(Taper connection)

DN	d	Da	L	L1	H	EAN	Article No
10	R3/8	M22x1,5	48	8	44	7318792689208	50 702-110
15	R1/2	M26x1,5	56	10	46	7318792689307	50 702-115
20	R3/4	M34x1,5	65	11	51	7318792689406	50 702-120

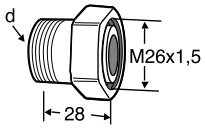


Elbow

For manifold assemblies

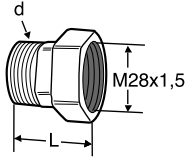
(Taper connection)

DN	d	Da	L	H	EAN	Article No
10	M22x1,5	M22x1,5	27	26,5	7318792689802	50 702-510


Radiator connection
 (Taper connection)

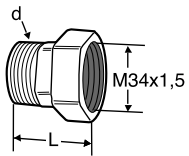
Threaded

d	For valve	EAN	Article No
R1/2	RADIETT-U	7318792692406	50 720-115


Radiator connection excl. insert pipe
 (Taper connection)

d	L	For valve	EAN	Article No
R1/2*	35	RADIETT-S	7318792692505	50 721-115

*) Included in complete valve Art. No 50 684-005


Radiator connection excl. insert pipe
 (For gasket)

d	L	For valve	EAN	Article No
R1/2	36	RENOVETT ARCU	7318792692703	50 721-915

Radiator unions DN 10-50

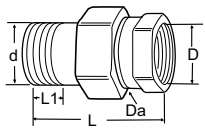
Applications: Heating systems. Process systems where the media does not affect the incoming material.

Pressure class: PN 16

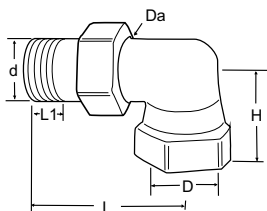
Max. working temperature: 185°C

Material: Brass or AMETAL®

Surface treatment: DN 10 to 20 nickel-plated, others brass or AMETAL® self-colour.

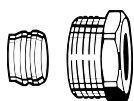

Straight

DN	d	D	Da	L	L1	EAN	Article No
10	R3/8	G3/8	M22x1,5	46	8	7318792550805	50 015-110
15	R1/2	G1/2	M26x1,5	53	10	7318792550904	50 015-115
20	R3/4	G3/4	M34x1,5	60	11	7318792551000	50 015-120
25	R1	G1	M40x2	67	13	7318792550409	50 015-025
32	R1 1/4	G1 1/4	M50x2	74	14	7318792550508	50 015-032
40	R1 1/2	G1 1/2	M55x2	82	14	7318792550607	50 015-040
50	R2	G2	M70x2	90	16	7318792550706	50 015-050


Angle

DN	d	D	Da	L	L1	H	EAN	Article No
10	R3/8	G3/8	M22x1,5	46	8	20	7318792550102	50 014-110
15	R1/2	G1/2	M26x1,5	56	10	24	7318792550201	50 014-115
20	R3/4	G3/4	M34x1,5	65	11	28	7318792550300	50 014-120
25	R1	G1	M40x2	74	13	34	7318792549700	50 014-025
32	R1 1/4	G1 1/4	M50x2	83	14	40	7318792549809	50 014-032
40	R1 1/2	G1 1/2	M55x2	94	14	46	7318792549908	50 014-040
50	R2	G2	M70x2	115	16	73	7318792550003	50 014-050

Compression fittings



Compression fitting

for copper or precision steel pipe according to DIN EN 1057/10305-1/2.

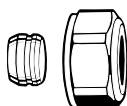
Internal thread connection Rp3/8 – Rp3/4.

Metal-to-metal joint.

Brass nickel-plated.

Support sleeves should be used for a pipe wall thickness of 0.8 – 1 mm. Follow the specifications of the pipe manufacturer.

Ø Pipe	DN	EAN	Article No
12	10 (3/8")	4024052174614	2201-12.351
14	15 (1/2")	4024052174713	2201-14.351
15	15 (1/2")	4024052175017	2201-15.351
16	15 (1/2")	4024052175116	2201-16.351
18	20 (3/4")	4024052175215	2201-18.351



Compression fitting

for copper or precision steel pipe according to DIN EN 1057/10305-1/2.

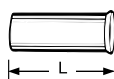
Connection external thread G3/4 according to DIN EN 16313 (Eurocone).

Metal-to-metal joint.

Nickel-plated brass.

With a pipe wall thickness of 0.8-1 mm insert supporting sleeves. Heed pipe manufacturer's technical advice.

Ø Pipe	EAN	Article No
12	4024052214211	3831-12.351
14	4024052214310	3831-14.351
15	4024052214617	3831-15.351
16	4024052214914	3831-16.351
18	4024052215218	3831-18.351

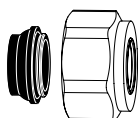


Support sleeve

for copper or precision steel pipe with a 1 mm wall thickness.

Brass.

Ø Pipe	L	EAN	Article No
12	25,0	4024052127016	1300-12.170
15	26,0	4024052127917	1300-15.170
16	26,3	4024052128419	1300-16.170
18	26,8	4024052128815	1300-18.170



Compression fitting

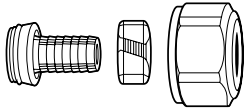
for copper or precision steel pipe according to DIN EN 1057/10305-1/2 and stainless steel pipe.

Connection external thread G3/4 according to DIN EN 16313 (Eurocone).

Soft sealed, max. 95°C.

Nickel-plated brass.

Ø Pipe	EAN	Article No
15	4024052515851	1313-15.351
18	4024052516056	1313-18.351


Compression fitting

for plastic pipe according to DIN 4726, ISO 10508. PE-X: DIN 16892/16893, EN ISO 15875; PB: DIN 16968/16969.

Connection external thread G3/4 according to DIN EN 16313 (Eurocone).
Nickel-plated brass.

Ø Pipe	EAN	Article No
12x1,1	4024052136018	1315-12.351
14x2	4024052134618	1311-14.351
16x1,5	4024052136117	1315-16.351
16x2	4024052134816	1311-16.351
17x2	4024052134915	1311-17.351
18x2	4024052135110	1311-18.351
20x2	4024052135318	1311-20.351


Compression fitting

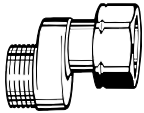
for Alu/PEX multi-layer pipe according to DIN 16836.

Nickel-plated brass.

	Ø Pipe	EAN	Article No
External thread connection G 3/4 *)	16x2	4024052137312	1331-16.351
Internal thread connection Rp 1/2 *)	16x2	4024052138616	1335-16.351

*) can be used for valve from 04.1995

S-connections

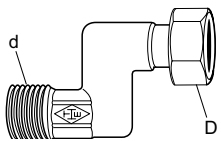

S-connection

For compensating different pipe distances, e. g. when replacing old single pipe valves.

Note flow direction!

Brass, nickel-plated.

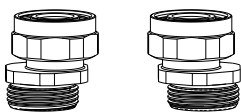
	Axial distance [mm]	Total length [mm]	EAN	Article No
G3/4 x G3/4	11,5	43	4024052139217	1351-02.362


S-connection

For compensating different connection dimensions when replacing radiators.

Gunmetal nickel-plated.

DN valve	d	D	Axial distance [mm]	Total length [mm]	EAN	Article No
10	R1/2	G3/8	26	68	4024052139316	1353-01.362
15	R1/2	G1/2	26	68	4024052139415	1353-02.362
20	R1/2	G3/4	26	68	4024052139514	1353-03.362

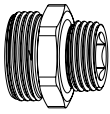

S-connection set

consisting of 2 adapter pieces G3/4 x G3/4.

Nickel-plated brass.

	Model	EAN	Article No
Set 1	Axial distance min. 40/50 to max. 60/50	4024052840816	1354-02.362
Set 2	Axial distance min. 35/50 to max. 65/50	4024052840915	1354-22.362

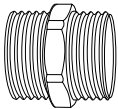
Other connections



Double connection fitting

For clamping plastic, copper, precision steel or multi-layer pipes.
Nickel-plated brass.

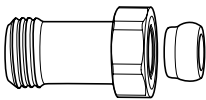
	L	EAN	Article No
G3/4 x R1/2	26	4024052308415	1321-12.083



Double nipple

Both sides for clamping plastic, copper, precision steel or multi-layer pipes.
Brass nickel-plated.

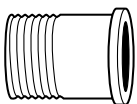
	EAN	Article No
G3/4 x G3/4	4024052136315	1321-03.081



Length adjustment fitting

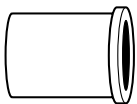
For clamping plastic, copper, precision steel or multi-layer pipes.
For valves with external thread connection G 3/4.
Brass nickel-plated.

	L	EAN	Article No
G3/4 x G3/4	25	4024052298310	9713-02.354
G3/4 x G3/4	50	4024052298419	9714-02.354

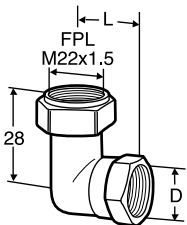


Connection nipple

for flat sealing valve bodies.



DN valve	Ø Pipe	EAN	Article No
Threaded nipple			
15 (1/2")	1/2"	4024052222810	4160-02.010
20 (3/4")	3/4"	4024052223213	4160-03.010
Soldered nipple			
20 (3/4")	22	4024052225217	4160-22.039

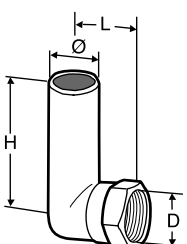


90° connection

Swivelling nut

D	L	EAN	Article No
G1/2*	25	7318792615603	50 484-115

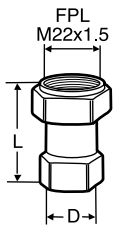
*) Prepared for KOMBI



90° connection

D	Ø	L	H	EAN	Article No
G1/2*	16	25,5	200	7318793512208	74 214-001

*) Prepared for KOMBI


Adapter connection
 Swivelling nut

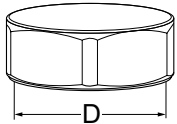
D	L	EAN	Article No
G1/2	39	7318792693106	50 723-115

Others

Theft protection

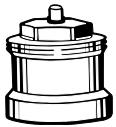
for thermostatic head K. By security ring.
 Refer also to the assembly and operating instruction.

EAN	Article No
4024052264810	6020-01.347


Locking cap

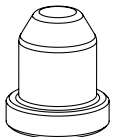
Brass, with seal, on the radiator side for thermostatic valves.

DN valve	D	EAN	Article No
10 (3/8")	5/8"	4024052157310	2001-01.314
15 (1/2")	3/4"	4024052158416	2001-02.314


Spindle extension

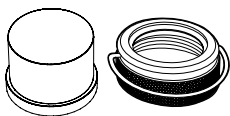
for thermostatic valve bodies M30x1,5.

L	EAN	Article No
Brass nickel-plated		
20	4024052528813	2201-20.700
30	4024052528912	2201-30.700
Plastic, black		
15	4024052553310	2001-15.700
30	4024052165018	2002-30.700


Safety cap

for all thermostatic valve bodies M30x1,5.
 Nickel-plated brass.

EAN	Article No
4024052303717	2202-00.072


Tamper proof cover

Set containing plastic cover and locking ring for valves with connection M30x1.5 to thermostatic head/actuator.
 Prevents manipulation of setting.

EAN	Article No
7318794030206	52 164-100

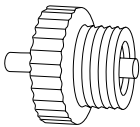
Replacement and spare parts



O-Ring 3,9 x 1,8
for all IMI Heimeier thermostatic inserts.

	EAN	Article No
	4024052157914	2001-02.014

Packing boxes



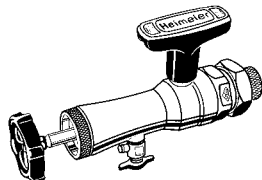
For valve RVT

	EAN	Article No
RVT 1985-	7318792377105	303 999-60

Packing boxes: O-ring + support washer for valve RVO

Qty/package	EAN	Article No
1	7318793517401	75 168-003

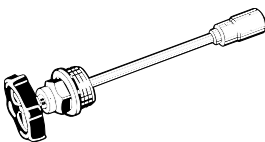
Tools



Fitting tool

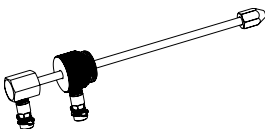
for replacing thermostatic inserts without draining off the heating system. Suitable for IMI Heimeier thermostatic valve bodies from end of 1982, with connection thread for the thermostatic head on the valve body, DN 10 to DN 20. Complete with case, box spanner and replacement seals. From 2013, equipped with black handwheel, also suitable for A-exact.

	EAN	Article No
Fitting tool	4024052298914	9721-00.000
Replacement seals	4024052299010	9721-00.514



Additional/replacement spindle for fitting tool

	EAN	Article No
replacement spindle	4024052317615	9721-00.308



Measuring spindle for fitting tool

for differential pressure measurement at thermostatic valve bodies with TA-SCOPE balancing instrument.

	EAN	Article No
	4024052942114	9790-01.890

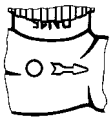
Thermostatic inserts



T label on the valve body no connecting thread



Connecting thread for the thermostatic head on the valve body



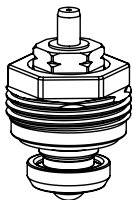
Boss marking on the valve body



II label on the valve body



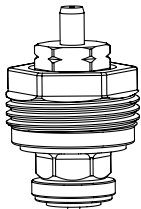
II+ label on the valve body



Standard

Black stuffing box, for thermostatic-valve bodies **with II marking, from 2012 and II+ marking, from 2015.**

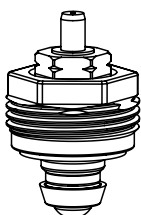
Replacement inserts For DN	EAN	Article No
10, 15, 20	4024052132614	1302-02.300



Special insert for inverse direction of flow with reversed supply and return pipes

For thermostatic valve bodies **with II marking, from 2012 and II+ marking, from 2015.**

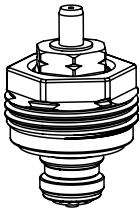
Replacement inserts For DN	EAN	Article No
10, 15, 20	4024052459414	3850-02.300



Standard

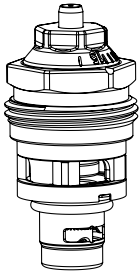
Stuffing box without coloured identification.

Replacement inserts For DN	EAN	Article No
from the end of 1982 to end of 2011		
10, 15	4024052158218	2001-02.300
20	4024052159215	2001-03.300
with T label		
25	4024052159819	2001-04.299



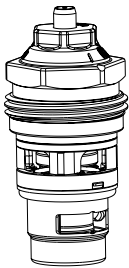
Special insert for inverse direction of flow
with reversed supply and return pipes.

Replacement inserts	EAN	Article No
	4024052492411	2002-24.300
For thermostatic valve bodies:		
– Standard from end of 1982 to end of 2011, DN 10, 15		
– V-exakt/F-exakt from 1994 to end of 2011, DN 10–20		



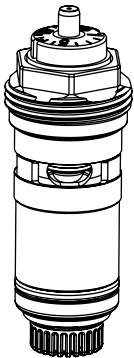
Eclipse with automatic flow limitation
For thermostatic valve bodies with II+ marking, from 2015.

Retrofitting/ Replacement inserts For DN valve	EAN	Article No
10, 15, 20	4024052940912	3930-02.300



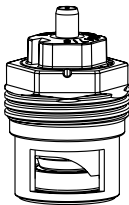
Eclipse 300 with automatic flow limitation for large radiators and low temperature spreads
For thermostatic valve bodies marked with “HF” (High Flow), from 2021.

Retrofitting/ Replacement inserts For DN valve	EAN	Article No
15	4024052054428	3951-00.300



A-exact with automatic flow limiter

Replacement inserts For DN valve	EAN	Article No
10, 15, 20	4024052909315	3901-02.300



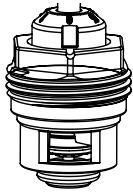
V-exact II with stepless precision presetting
For thermostatic valve bodies with II marking, from 2012 and II+ marking, from 2015.

Retrofitting/ Replacement inserts For DN valve	EAN	Article No
10, 15, 20	4024052841417	3700-02.300



V-exact II with stepless precision presetting
Special insert for inverse direction of flow with reversed supply and return pipes.
For thermostatic valve bodies with II marking, from 2012 and II+ marking, from 2015.

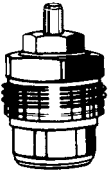
Retrofitting/ Replacement inserts For DN valve	EAN	Article No
10, 15, 20	4024052951611	3700-24.300


V-exakt with precision presetting

 For thermostatic valve bodies **with boss marking, from 1994 to end of 2011.**

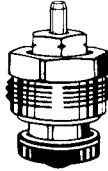
With yellow identification. Also suitable for reversed flow direction.

Retrofitting/ Replacement inserts For DN valve	EAN	Article No
10, 15 (also for DN 20 V-exakt valve bodies)	4024052737611	3502-24.300

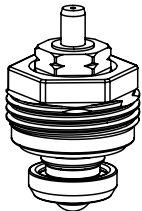

Presetting

 Stuffing box with white identification, **from 1985 to 1994.**

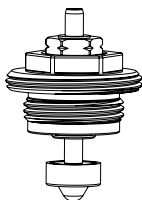
Replacement inserts For DN valve	EAN	Article No
10, 15, 20	4024052169719	2101-02.299


Gravity

Replacement inserts For DN valve	EAN	Article No
until end 1984. Stuffing box without coloured identification		
15	4024052179411	2241-02.299
from 1985. Blue stuffing box		
10, 15	4024052183715	2340-02.299
Stuffing box without coloured identification		
20 ('05→), 25	4024052159819	2001-04.299


Mikrotherm
From February 1985, for Mikrotherm manual radiator valves, for valve bodies with connection thread for thermostatic head.

Retrofitting/Replacement inserts For DN valve	EAN	Article No
Black stuffing box		
10, 15	4024052132614	1302-02.300
Stuffing box without coloured identification		
20	4024052159215	2001-03.300


Mikrotherm
Old model, to February 1985, for Mikrotherm manual radiator valves, for valve bodies with T label.

Retrofitting/Replacement inserts For DN valve	EAN	Article No
10, 15	4024052217014	4101-02.300
20	4024052217410	4101-03.300
25	4024052159819	2001-04.299

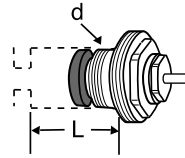
TA thermostatic inserts

RVO, Radiett, Renovett, RVT, Radifix, Radiflex, AGA-TP, Thermal Perfect, S-74, RVE, RVE-S

Application:

When changing from manually-operated to thermostatically-controlled valves, there are thermostat top sections (inserts) for use in standard valve housings as below.

The top sections are suitable for IMI Heimeier's and IMI TA's thermostat parts.



Material:

Top section: Brass

Valve disc: EPDM

L = Seat depth

Thermostat thread on the top section – M30x1,5

Designed for valves series	d	L	EAN	Article No
RVO-A/m72-A DN 10-20 (after 1973)	M16x1	18,5	7318792628702	50 543-001
S-74, RADIETT-U, RENOVETT-U	M16x1	18,5	7318792628702	50 543-001
AGA-TP/Thermal Perfect	M16x1	18,5	7318792628702	50 543-001
RADIFIX/RADIFLEX	M16x1	18,5	7318792628702	50 543-001
RVT	M16x1	18,5	7318792628702	50 543-001
RVT-F/RVT-F 2 S reversed angle (before 1986)	M16x1	18,5	7318792628702	50 543-001
RVT-F/RVT-F 2 S straight	M16x1	18,5	7318792628702	50 543-001
RADIETT-S, RENOVETT-S	M20x1	18,5	7318792628801	50 543-003
RVO/RVO-HE DN 10** (before 1973)	W19x19*	27	7318792628900	50 543-005

Thermostat thread on the top section – M28x1,5

Designed for valves series	d	L	EAN	Article No
RVO-A/m72-A DN 10-20 (after 1973)	M16x1	18,5	7318792591006	50 343-001
S-74, RADIETT-U, RENOVETT-U	M16x1	18,5	7318792591006	50 343-001
AGA-TP/Thermal Perfect	M16x1	18,5	7318792591006	50 343-001
RADIFIX/RADIFLEX	M16x1	18,5	7318792591006	50 343-001
RVT	M16x1	18,5	7318792591006	50 343-001
RVT-F/RVT-F 2 S reversed angle (before 1986)	M16x1	18,5	7318792591006	50 343-001
RVT-F/RVT-F 2 S straight	M16x1	18,5	7318792591006	50 343-001

*) Threads/inch

) **Caution! When replacing HE radiators there is a risk that the pipe loop can be twisted and damaged if the valve is not fixed in position.

Thermostat thread on valve body

Designed for valve series	d	L	EAN	Article No
RVE, RVE-S	M18x1,5	26,5	7318792591105	50 343-002



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