

RADITRIM A



Return lockshields

Return valves with separate spindles for presetting and shut-off

*Engineering
GREAT Solutions*

RADITRIM A

This rugged balancing and shut-off return valve is designed for radiators and terminal units, and is the ideal product for heating, cooling and tap water systems. If the valve is subsequently closed, the presetting will not be lost.



Key features

- > **Presetting**
Set the right flow level in advance for more accurate balancing. Simple allen key operation.
- > **AMETAL®**
Dezincification resistant alloy that guarantees a longer valve lifetime, and lowers the risk of leakage.
- > **Double spindle**
Separate spindles for presetting and shut off ensures easier maintenance.

Technical description

Application:

Heating and cooling systems
Tapwater systems

Function:

Adjustment
Presetting
Shut-off

Dimensions:

DN 10-15

Pressure class:

PN 16

Temperature:

Max. working temperature: 120°C
Min. working temperature: -10°C

Material:

Valve body: AMETAL®
Disc: AMETAL®
Spindles: AMETAL®
Lid: Brass
O-rings: Nitril
Straight union: AMETAL®

AMETAL® is the dezincification resistant alloy of IMI Hydronic Engineering.

Surface treatment:

Nickel-plated.

Marking:

Valve body marked with TA, TRIM, inch size and presetting cap marked with RADITRIM A.

Setting

Shut-off/Presetting

Two valve discs, one for shut-off and one for presetting.

Presetting RADITRIM A

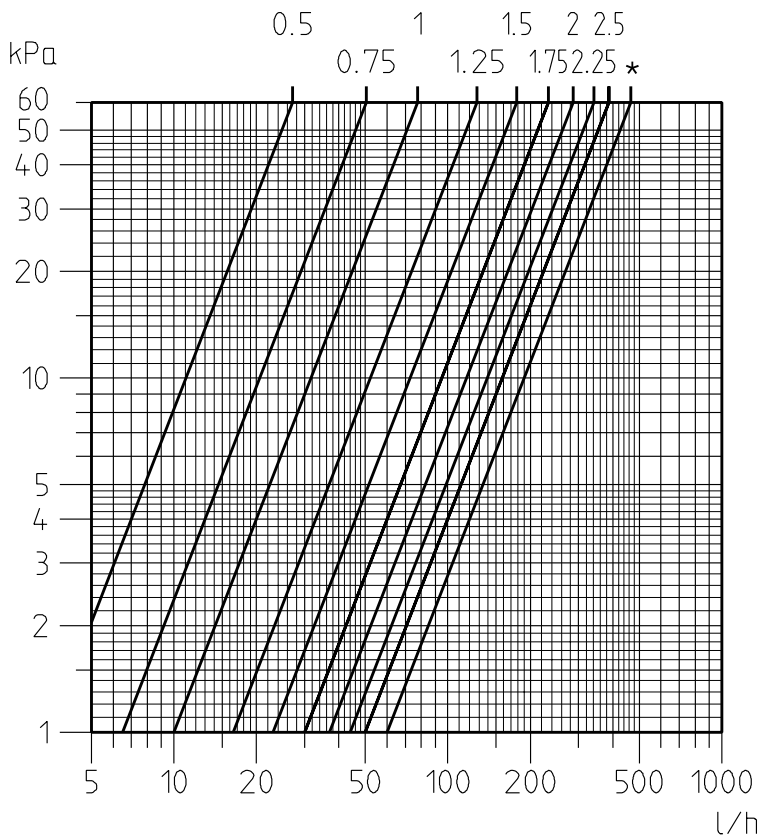
Preset the valve by removing the cover and using an Allen key to close the presetting spindle completely. Then open the presetting spindle (inner cone, allen key 3 mm) by the number of turns as shown in the diagram to give the required setting. Check that the shut-off spindle (outer cone, allen key 4 mm) is fully open, and then finish by replacing the cover.

Note: If the valve is subsequently closed, the presetting will not be lost.

Size of allen key

Outer cone 4 mm
Inner cone 3 mm

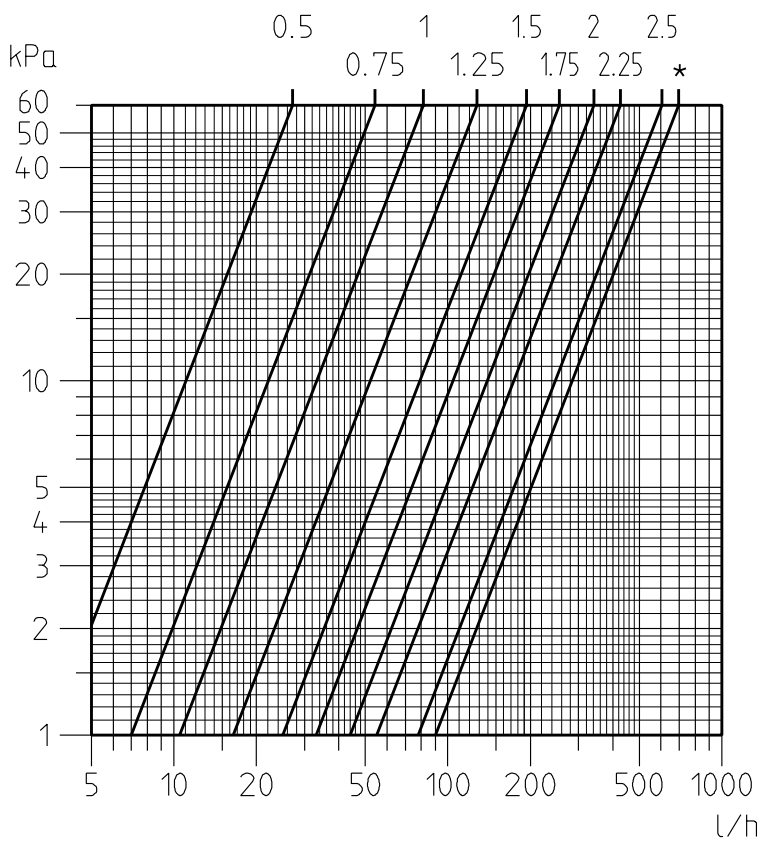
Diagram RADITRIM A DN 10



Number of turns	Kv
0.5	0.035
0.75	0.065
1	0.1
1.25	0.165
1.5	0.23
1.75	0.3
2	0.37
2.25	0.44
2.5	0.5
*)	0.6

Delivery setting *) = Fully open

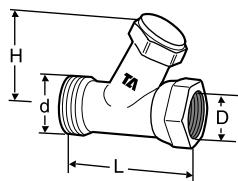
Diagram RADITRIM A DN 15



Number of turns	Kv
0.5	0.035
0.75	0.07
1	0.105
1.25	0.165
1.5	0.25
1.75	0.33
2	0.44
2.25	0.55
2.5	0.78
*)	0.9

Delivery setting *) = Fully open

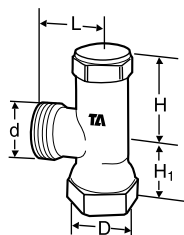
Articles



Straight

excl radiator union

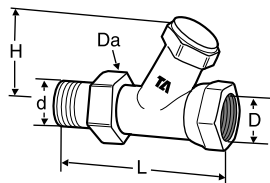
DN	d	D	L	H	Kvs	EAN	Article No
10	M22x1,5	G3/8	50	33	0.6	7318792548208	50 004-610
15	M26x1,5	G1/2	58	36	0.9	7318792548307	50 004-615



Angle

excl radiator union

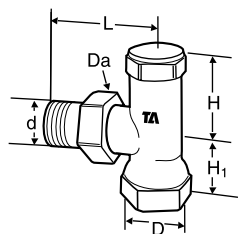
DN	d	D	L	H	H1	Kvs	EAN	Article No
10	M22x1,5	G3/8	23	29	22	0.6	7318792548802	50 006-610
15	M26x1,5	G1/2	26	31	26	0.9	7318792548901	50 006-615



Straight

incl radiator union

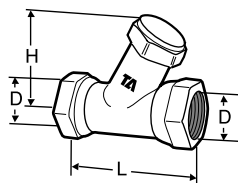
DN	d	D	Da	L	H	Kvs	EAN	Article No
10	R3/8	G3/8	M22x1,5	75	33	0.6	7318792547805	50 004-110
15	R1/2	G1/2	M26x1,5	88	36	0.9	7318792547904	50 004-115



Angle

incl radiator union

DN	d	D	Da	L	H	H1	Kvs	EAN	Article No
10	R3/8	G3/8	M22x1,5	48	29	22	0.6	7318792548406	50 006-110
15	R1/2	G1/2	M26x1,5	56	31	26	0.9	7318792548505	50 006-115



Straight

Female thread

DN	D	L	H	Kvs	EAN	Article No
10	G3/8	52	33	0.6	7318792549304	50 007-610
15	G1/2	63	36	0.9	7318792549403	50 007-615

Kvs = m³/h at a pressure drop of 1 bar and fully open valve.

RADITRIM A can be connected to smooth pipes by means of the KOMBI compression coupling. (See catalogue leaflet KOMBI).