

Climate  
Control

IMI TA

STK



**Double regulating valves**  
Return valve

# STK

A high-performing return valve ideal for use in heating and cooling systems. Also suitable for use in circulating tap water systems.

## Key features

### Presetting

Set the right flow level in advance for more accurate balancing. Simple pre-setting tool operation.

### Kv and presetting scale

For quicker, more accurate balancing.

### KOMBI connections

Flexible range of compression couplings ensures a smoother installation.



## Technical description

### Application:

Heating and cooling systems  
Tapwater systems

### Function:

Adjustment  
Pre-setting  
Shut-off

### Dimensions:

DN 15-20

### Pressure class:

PN 16

### Temperature:

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

### Material:

Valve body: AMETAL®  
Disc: AMETAL®  
Spindle: AMETAL®  
O-ring: Nitril

AMETAL® is the dezincification resistant alloy of IMI.

### Surface treatment:

Nickel-plated.

### Marking:

Valve body marked with TA, TRIM and inch size.

## Setting

### Shut-off/Presetting

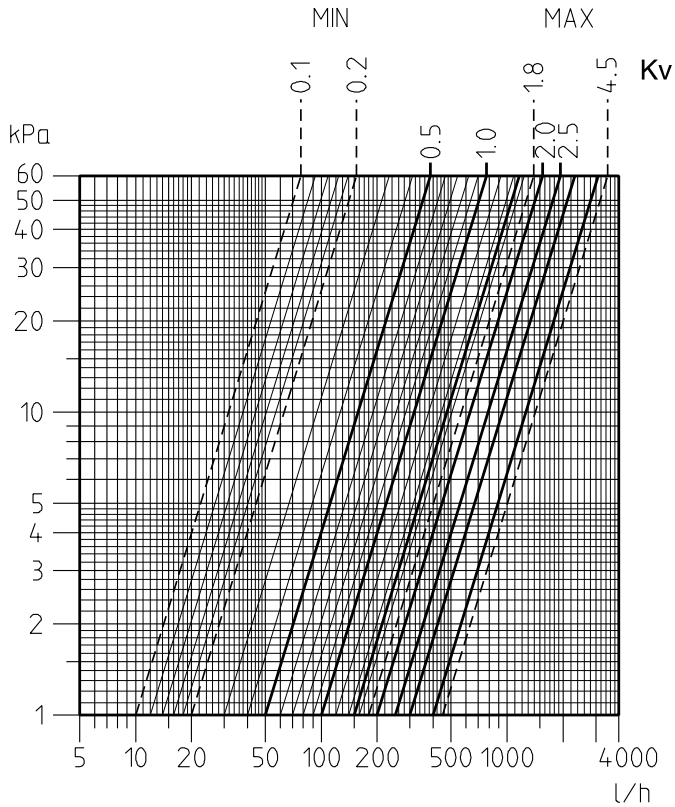
One valve disc for shut-off/presetting.

### Presetting STK

Preset the valve using the special key for the purpose (part no. 52 187-003). Set the arrow on the key to the required Kv value on the scale ring.

Remove the key: an arrow on the valve spindle shows the Kv setting.

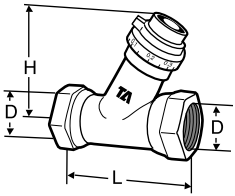
## Diagram STK DN 15, DN 20



	Kv min	Kv max
DN 15	0,1	1,8*
DN 20	0,2	4,5*

\*) Delivery setting

## Articles



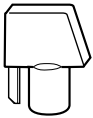
### Straight Internal thread

DN	D	L	H	Kvs	EAN	Article No
15	G1/2	63	55	1.8	7318792549502	50 007-715
20	G3/4	80	69	4.5	7318792549601	50 007-720

Kvs = m<sup>3</sup>/h at a pressure drop of 1 bar and fully open valve.

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

## Accessories



### Regulating key Plastic

EAN	Article No
7318792835803	52 187-003