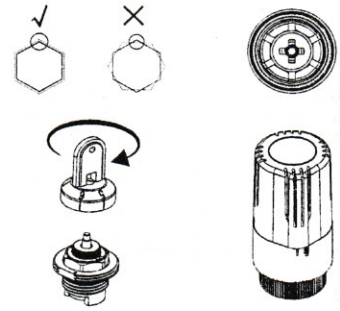


# Thermostatic Radiator Valve ( TRV )

## TECHNICAL SPECIFICATION :

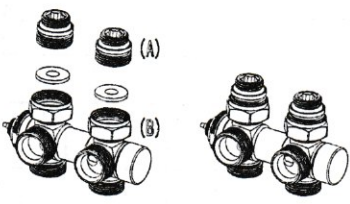
- With thermostatic head and reversible bi-directional body .
- Built-in sensor with liquid-filled element
- Graduated scale from \* to 5 corresponding to temperature setting ranges from 7°C - 28°C with frost protection setting as well ( As per Figure below )
- Fully tested to 10 bar
- It is equipped with special adjustment tool for adjustable flow valve core, with scale from 1-6. Corresponding flow of valve element adjustment scale kgs / h
- Max pressure difference : 0.8 Bar
- Max flow temperature 120°C
- Can be mounted horizontally or vertically
- To avoid flow related noise the differential pressure between the flow and return pipes should not exceed 0.2 bar . To achieve this a differential by-pass valve should be fitted to the system and set to 0.2 bar.

SET-POINT	1	2	3	4	5	6
KVS	79	151	218	338	369	461

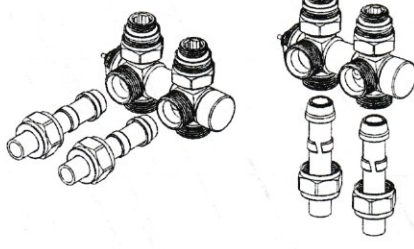


7°C	12°C	16°C	20°C	24°C	28°C
*	1	2	3	4	5

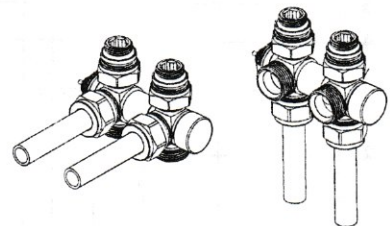
**NOTE : Read all instructions before commencing work. All work should be carried out by a professional person .**



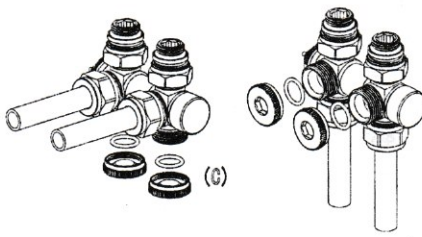
Screw the threaded connector ( A ) to the radiator tightly. Straightly connect the hexagon lock nut ( B ) with the threaded connector on the radiator tightly.



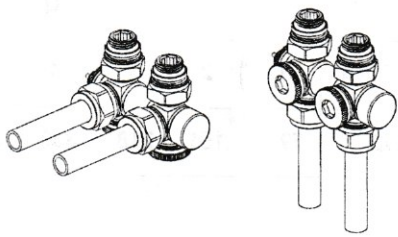
Prepare the hexagon lock nut , copper ring , water pipe . Overlap the copper ring through the water pipe.



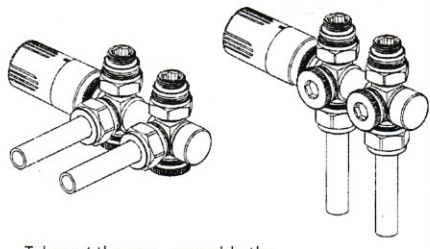
Assemble the lock nut and screw tightly.



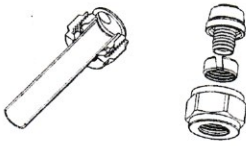
Prepare the plug ( C ) and sealing spacer.



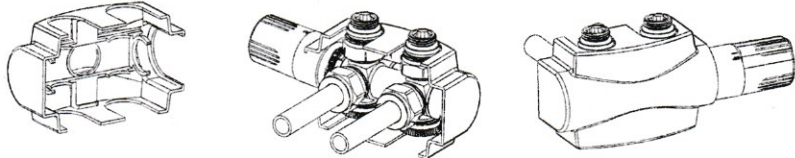
Screw the threaded plug to the radiator valve body tightly .



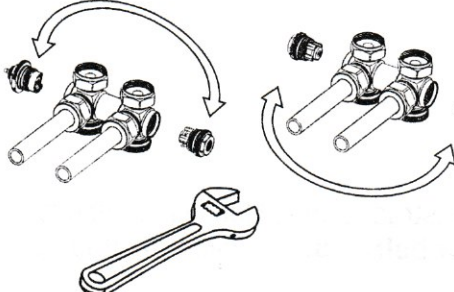
Take out the cap , assemble the thermostatic head to the valve body ( Both left and right connections are available ) .



Applying fitting : 18-16x2



Protective shell



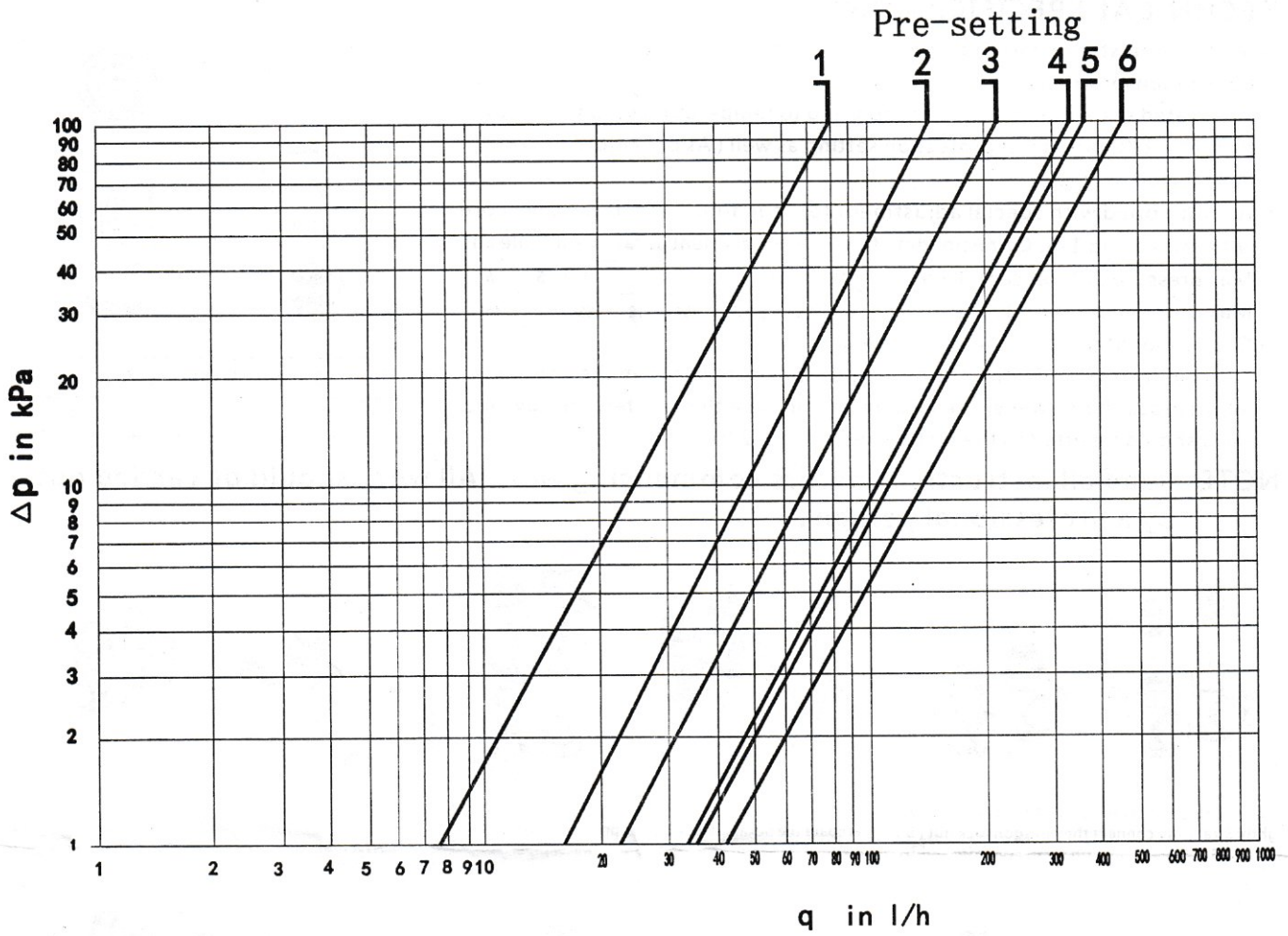
1. Unscrew the valve spool and lockshield with wrench.  
2. Please follow the direction of arrow to exchange the position of the valve spool and lockshield as your requirement with 15-20N.M.

**Attention:**

(1) After the product is installed and used, if you want to exchange the valve spool and the lockshield, please make sure that the valve is under no fluid through condition.

(2) After opening the valve spool and the lockshield, must clean the sealing element and ensure that inclusion-free inside, and clean the six way valve body.

# PRESSURE DROP DIAGRAM



SET-POINT	1	2	3	4	5	6
KVS	79	151	218	338	369	461