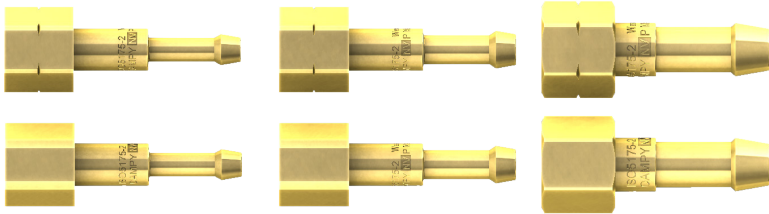


## Hose Check Valve (HCV)



### INSTRUCTIONS FOR USE

#### 1. Description

The hose-check valves (HCV) are designed to fit inlet connections to the welding blowpipe.

The HCV permit the gases to flow in only one direction - the correct one.

Backflowing of gases is not an unusual occurrence in nozzle in nozzle mix type welding and cutting blowpipe. The resulting explosive mixture of gases in the hoses can turn into serious explosion and fire hazard.

#### 2. Instructions

The hose-check valves (HCV) can be fitted to most conventional blow-pipes for gas welding, cutting and related processes provided that the blowpipe has G1/4, G3/8 or 9/16" inlet connections.

The pressure losses involved are small. Specified working pressures therefore apply unchanged.

Machine cutting blowpipe with separate cutting oxygen inlet should always use a HCV on this inlet.

#### 3. Installation

- If the inlet connections have hose nipples, unscrew and remove them.
- Mount hose-check valves (HCV) and

thereafter connection nuts.

- Check the connections for gas leakage with leak detection spray.
- Your blowpipe is now ready for use.

Note: Hose-check valves (HCV) are not to be mounted on hoses or equipment for gases carrying particles i.e. cutting powder.

#### 4. Maintenance

Hose-check valves (HCV) do not normally require any maintenance but they should be tested regularly for satisfactory back-flow sealing.

Testing is easily accomplished by immersing the inlet end in water and blowing lightly with mouth on the outlet end.