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## **LP TESTER typ LP en LP series H**

### **Hydrostatic stoppers for pressure range till 345 Bar**



- **Patented.**
- **For different test fluids and gases.**
- **Available in different sizes.**
- **Safe and quick.**

By means of the snap-on connection these patented stoppers, pipe line systems can be tested safely.

The inner safety grip and the o-ring seal guarantee a constant clamping during every test cycle.

These stoppers are available for different test fluids and gases.

The short length outside collet gripping comes in handy for short straight pipe ends.

In limited working spaces, like with hydraulic systems or fuel pipe lines, these stoppers are easy to place and remove.

The stoppers can be supplied in imperial and metric sizes.

Th. Wortelboer BV also has stoppers for various other applications and pressure levels.

## Technical specifications LP testers

Typ	LP-1	LP-2	LP-3	LP-4	LP-5	LP-6	LP-7	LP-8
<b>Clamping reach O.D. (mm)</b>	3,2 - 12,7 (¹)	12,7 - 25,4 (¹)	25,4 - 38,1 (¹)	38,1 - 50,8 (¹)	50,8 - 76,2 (¹)	76,2 - 101,60 (¹)	101,6 - 141,3 (¹)	141,3 - 168,3 (¹)
<b>Total length</b>	103 mm	107 mm	125 mm	127 mm	126 mm	144 mm	143 mm	129 mm
<b>Diameter body</b>	32 mm	45 mm	61 mm	80 mm	105 mm	140 mm	216 mm	254 mm
<b>Minimal opening</b>	3,2 mm	6,4 mm	19,1 mm	19,1 mm	19,1 mm	25,4 mm	29,0 mm	29,0 mm
<b>Standard connection</b>	1/4" NPT female	3/8" NPT female	3/4" NPT female	3/4" NPT female	3/4" NPT female	1" NPT female	1" NPT female	1" NPT female
<b>Clamping length</b>	19,1 mm	19,1 mm	27,2 mm	27,1 mm	27,6 mm	36,4 mm	57,2 mm	60,3 mm
<b>Material body</b>	Heat-treated, stainless steel							
<b>Testmedium</b>	Water, oil and gases (²)							
<b>Maximum test pressure</b>	345 bar							

(¹) Per model different bodies are supplied with each a specific clamping reach. Per single pipe size 1 body and 1 set of collets is required. With different collets one body (within the given clamping reach) can suit different pipe sizes.

(²) Other test fluids at request.

The LP-TESTER Series hydrostatic tools are specially designed to grip and provide positive sealing for plain-end tubing. Having a safety spring pregrip, their clamping mechanisms assure a constant, positive grip during any work or operation cycle in the field or factory.

The normally closed gripping collets can be released manually with a lever or air actuated. These tools offer fast, snap-on coupling for hydrostatic test, air under water testing, and cleaning applications.

In addition, they can be used for production testing of tubes, tube assemblies, and systems. The tools can be used in both manual and automatic applications.



The Model LP's short, outside, minimal marking collet grip is very helpful for applications with short tube ends in restricted areas such as field testing of heating and cooling systems.

The tools can also be used for leak testing, purging, and refrigerant charging.

The Model LP Series tools handle standard tube from 0.187" to 4.000" diameter.

Special sizes / pressures will be considered upon request.

**Operation:** Connect the tool to the pressure line. Attach the tool to the tube by pressing its handle or apply air pressure (80 PSI for the air piloted version) to retract collets. Push the tube into the tool until pressed against the tube stop.

This instantaneously provides a complete seal.

When the tool's handle is released, collets are engaged and ready.

Apply test pressure to desired level; do not exceed maximum operation pressure.

To disconnect after operation cycles, press handle or apply air pressure to release collets and pull to remove tool.