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## **HP TESTER typ 64, 264, 364 and 464**

### **Hydrostatic pipe stoppers for pressure range till 2758 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.

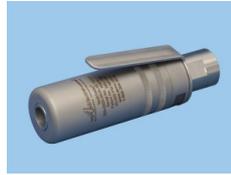
The short length outside collet gripping comes in handy for short straight pipe ends.

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 HP testers



Typ	HP-64	HP-264	HP-364	HP-464
<b>Maximum test pressure</b>	10,000 psi (689 bar)	20,000 psi (1379 bar)	30,000 psi (2068 bar)	40,000 psi (2758 bar)
<b>Temperature</b>	0° - 49° Celcius	0° - 49° Celcius	0° - 49° Celcius	0° - 49° Celcius
<b>Testfluid</b>	Water, oil and gases <sup>(1)</sup>	Water, oil and gases <sup>(1)</sup>	Water, oil and gases <sup>(1)</sup>	Water, oil and gases <sup>(1)</sup>
<b>Clamping reach O.D. (mm)</b>	2,0 - 42,2 <sup>(2)</sup> ( 7 body's )	3,2 - 45,2 <sup>(2)</sup> ( 10 body's )	6,0 - 42,1 <sup>(2)</sup> ( 10 body's )	6,0 - 20,0 <sup>(2)</sup> ( 5 body's )
<b>Clamping and sealing</b>	External <sup>(3)</sup>	External <sup>(3)</sup>	External <sup>(3)</sup>	External <sup>(3)</sup>
<b>O.D. tolerances</b>	Standard pipe tolerances	Standard pipe tolerances	Standard pipe tolerances	Standard pipe tolerances
<b>Minimal opening</b>	1,6 - 17,3 mm	3,2 - 8,7 mm	3,2 - 11,1 mm	3,2 - 4,8 mm
<b>Clamping length</b>	25,7 - 31,8 mm <sup>(4)</sup>	25,7 - 42,0 mm <sup>(4)</sup>	32,0 - 47,5 mm <sup>(4)</sup>	32,0 - 35,6 mm <sup>(4)</sup>
<b>Material body</b>	Heat-treated, stainless steel	Heat-treated, stainless steel	Heat-treated, stainless steel	Heat-treated, stainless steel
<b>Diameter body</b>	28 - 76 mm	37 - 102 mm	32 - 108 mm	32 - 60,5 mm
<b>Total length</b>	121 - 155 mm	150 - 156 mm	164 - 240 mm	163 - 170 mm

<sup>(1)</sup> Other test fluids at request.

<sup>(2)</sup> 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.

<sup>(3)</sup> The stopper clamp on the outside of the pipe. The clamping system of the stopper is normally closed. Preclamping is done manual. During pressure building up the clamping force increases along with the test pressure. The seal between stop and pipe is on the outside of the pipe.

<sup>(4)</sup> The exact minimum required clamping length differs per body.

The patented HP stoppers have some distinctive advances like the high filling speed that shortens the test cycle considerably. This because of the large bore. Even with very high test pressures the safety is guaranteed because of the hydrostatic design.

The stopper leave minimal marks on the pipe and they prevent the pipe from deforming. Besides that, the special collet clamping system only needs a very short clamping length.

Optional an air outlet valve and different seals for different fluids are available.

Advantage of these stoppers is that ONLY THE O-RING SEAL is the main spare.