

Global Standard	<b>LESER Global Standard</b>	LGS 4457
	Standardisation of Worldwide Warehouses High Performance Tool-Kit Specifications	Page 1/5

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**1 Purpose**

This LESER Global (LGS) describes the Took KIT requirements for equipping an agency or a warehouse for goods receiving/storage, adjusting, testing and shipping of safety valves.

**2 Scope**

This LGS applies to all members of the LESER quality cluster as defined in the global quality management manual.

**3 Introduction**

- The High Performance Additional Tool KIT is an assembly of tools that are required for work on safety valves of the High Performance series shown in section 5 in addition to the Standard Tool KIT.

<b>External order</b>	<b>0161.0001</b>
<b>Internet</b>	<b>www.sales@leser.com</b>

**4 Designated use of the High Performance Additional Tool KIT**

- Assembly of safety valves
- Disassembly of safety valves
- Adjusting the set pressure of safety valves

**5 Components of the High Performance Additional Tool KIT**

- All tools found in this LWN are part of the High Performance Additional Tool KIT. The following pages specify the individual tools through descriptions and by

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giving practical examples. The technical illustrations show what the respective tools look like.

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## 5.1 Double open-end spanner with unequal widths across flats

The double open-end spanners are an important part of the equipment of an assembly workplace. They are used for tightening or unscrewing bolts and nuts.

### Designated purpose of double open-end spanners

- tool for tightening or unscrewing bolts and nuts like, for example, caps, levers, and inflow devices
- screw connection of a variety of nuts and bolts on the safety valve (e.g. drainage screws).



Fig. 1 Unscrewing a screw connection



Fig. 2 Sealing the drain hole

### Technical requirements

Requirements / Quality	Data	Data
DIN	3110	
Width across flats in mm	24 x 27	30 x 32
Manufacturer	GEDORE	
Material	Chrome-vanadium-steel	
Length	266 mm	302 mm
Vendor	Hahn & Kolb	
External order number	52012-320	52012-380
LESER order number	596.0090.0000	596.0091.0000
Tool kit number	0161.0001	
Internet	www.hahn-kolb.de	

### Technical illustration



Illustration 1: Double open-end spanner

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## 5.2 Single open-end spanner

Single open-end spanners are required for tightening or unscrewing the lever and cap.

### Designated purpose of single open-end spanners

- lever and cap screw connections



Fig. 3 Installation of the lever and cap

### Technical requirements

Requirements / Quality	Data	Data
DIN	894	
Width across flats in mm	46	75
Manufacturer	ORION	
Material	Special steel	
Length	380 mm	610 mm
Head thickness	15 mm	20 mm
Vendor	Hahn & Kolb	
External order number	52002-046	52002-075
LESER order number	596.0092.0000	596.0031.0000
Tool kit number	0161.0001	
Internet	www.hahn-kolb.de	

### Technical illustration



Illustration 2: Single open-end spanner

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