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VULKAN

Solutions for Refrigeration and Air Conditioning Technology

Flaring of copper tube

For LOKRING® Single Ring applications



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Flaring insert for copper tubes



- ⊕ Steel insert
- ⊕ Long-lasting special coating
- ⊕ No oiling or greasing required

The design of the flaring insert is application-related.

IMPORTANT: The application requires a hydraulic flaring tool and a hydraulic aggregate (see following tables).

Technical data

Suitable tube material:	Copper
Max. tube outer diameter:	1/2" / 12.7 mm*
Max. tube wall thickness:	1.0 mm*

*Further dimensions on request.

Hydraulic flaring tool



The hydraulic flaring tool is designed for the flaring of aluminum and copper tubes for the production of LOKRING SINGLE RING tube joinings. It is connected to the LOKRING hydraulic aggregate by two 2.8 m hydraulic hoses.

The forward and backward movement of the flaring insert is enabled by means of a double acting cylinder. The size of the clamping jaw and the flaring insert depends on the outside tube diameter.

Technical data

Max. tube outside diameter:	1/2" / 12.7 mm*
Max. tube wall thickness:	1.0 mm*
Operating pressure:	up to 300 bar
Flaring time:	approx. 1 sec.
Weight:	approx. 1.6 kg
Dimensions:	45 x 74 x 250 mm

*Further dimensions on request.

Hydraulic aggregate



The LOKRING hydraulic aggregate produces the required working pressure for the flaring and assembly tools. The aggregate is transportable and, according to its application, it is available at each workplace.

The LOKRING tools are connected to the hydraulic aggregate by quick connections and hydraulic hoses. To actuate the aggregate, simply push the remote control switch that can be found on the tool. The hydraulic pressure is controlled by a switch and control gear, as well as control valves to the tools.

Technical data

Power:	1.1 kW
Power supply:	230 V oder 400 V (±10 %)
Number of revolutions:	2800 min ⁻¹
Frequency:	50 Hz
Current consumption 230 V:	9 A
Current consumption 400 V:	3.7 A
Protection class:	IP 54
Output:	2.5 l/min
Operating pressure:	up to 300 bar (adjustable)
Dimensions:	400 x 300 x 600 mm
Weight:	28 kg (including oil)