

Garant**Micro-lubrication system, Type: S****Order data**

Order number	130100 S
GTIN	4045197275905
Item class	11F

Description**Version:**

Sturdy stainless steel body with **3-chamber pressure system** for dispensing the lubricant very accurately.

Advantage:

- **Very easy to operate.**
- **No problematic, inaccurate manual lubrication.**
- **Process reliability and longer tool life.**

Application:

Can be used horizontally and vertically in machining centres. For all thread cutting oils up to 570 mm²/s viscosity (see No. 084210 and 084220). The oil is precisely distributed mechanically and hydraulically on to the tapping hole wall. Because the **micro lubrication system** efficiently uses only very small **quantities of oil**, an impairment of the consistency of the emulsion is prevented. It thus saves the significant expense of changing over to emulsion with a high fat content, which is essential for process reliability when tapping.

Supplied with:

Micro lubrication system, main cylinder type S, and one each nozzle type DL and GL filling injector.

Note:

- **For accessories and spare parts see the spare parts list.**

- **For other quick-change tapping heads with minimum quantity lubrication system (for machine taps with internal coolant supply) see No. 338055 / 8056 / 8060 plus accessories.**

Overall length L_{tot} : 150 mm

Length of body with nozzle L_2 : 100 mm

Shank $\varnothing D_s$ (-0.02 / -0.05 mm): 20 mm

Technical description

Length of body with nozzle L_2	100 mm
Shank $\varnothing D_s$ (-0.02 / -0.05 mm)	20 mm
Overall length L_{tot}	150 mm

Accessories

High-performance cutting oil high-viscosity, chlorine-free DAR 50 Visco Contents 20 l	084220 20
High-performance cutting oil high-viscosity, chlorine-free DAR 50 Visco Contents 5 l	084220 5
High-performance cutting oil chlorine-free Alpha 93 Contents 20 l	084210 20
High-performance cutting oil chlorine-free Alpha 93 Contents 5 l	084210 5
Micro lubrication system accessories / spare parts Type DL	130102 DL
Micro lubrication system accessories / spare parts Type GL	130102 GL
Main cylinder short type Type S	130103 S
Main cylinder short type Type XL	130103 XL
Fitting ring for micro distributor through hole Type M20	130104 M20
Fitting ring for micro distributor through hole Type M30	130104 M30
Non-return valve Type RSV	130105 RSV