

Minimum quantity lubrication system | Coolant tap

19095

Jetspray minimum quantity lubrication system (MQL)

Type

Jetspray works without pump and is compact and saves space. The device is suitable for all machines (machining centres, milling machines, saws, etc.). Installation and connection can be executed within minutes.

- Optimal and economical use of circular cold saws
- Easy, separate adjustment of coolant quantity and air supply
- Precise tool lubrication through one or two nozzles
- Longer tool life travel
- Avoidance of KKS disposal costs
- All parts in stainless steel
- Different lengths of the suction hose
- Strong prismatic magnetic base with switch-on/switch-off

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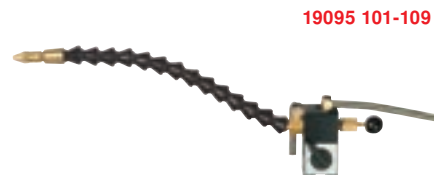
Scope of supply:

1 single spray system with high-quality LOC-LINE hose, 1 control valve, 1 pressure line, 1 suction line for coolant and 1 strong magnet (can be switched on/off).

19095 201-209

Scope of supply:

1 double spray system with high-quality LOC-LINE hose, 1 control valve, 1 pressure line, 1 suction line for coolant and 1 strong magnet (can be switched on/off).



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Multi link tube length mm	Compressed air hose m	Suction line m	Single spray system		Double spray system	
			19095	...	19095	...
203	2	2		101		201
273	2	2		105		205
375	2	2		109		209

19100

Microjet minimum quantity lubrication system (MQL)

microjet[®]
GmbH
Minimalmengenschmiersysteme

Type

Minimum quantity lubrication system for direct mounting on the machine.

The system may be controlled either by means of the machine's electric circuit (24V or 230V) or be driven by a separate pneumatic system.

The lubricant/air flow can be actuated and adjusted separately.

Connection - device outlet:

2-phase coupling plug D=25 mm.

Visual fill level indicator

Advantages:

- No costs for the disposal of the cooling lubricant
- No costs for maintained and cleaning
- Low lubricant consumption
- No residue
- Clean workspace
- Lower workload for operators
- Protection of the environment
- Easy, save, and clean handling
- Optimised application of the lubricant
- Good manufacturing quality

Scope of supply:

- 3/2-way hand slide valve
- Pressure-relief valve and manometer for the monitoring of the lubricant pressure
- Safety valve
- Opening for filling up G 1/2 inch
- Stand
- 1 litre of special lubricant

Accessories:

Mounting bracket, detailed operating manual incl. circuit diagram

Available as an option:

Electric fill-level monitoring via level switch

Use

For lathes, drills, milling machines, saws, and for sheet metal work.



19100

Basic unit	19100	...
via 2x valve block 24 V DC		101
via 2x valve block 230 V DC		102
via 2x valve block pneumatic		103



19103 101

Manual selector switch

Type

With magnet and control connection 4-2 DUO hose, length 3000 mm.

Use

For manual controlling the Microjet minimum quantity lubrication system, cat.-no. 19100 101-103.

19102 101

Spray unit for turning, drilling, and milling

Type 1 for 1 spray location

Type

1x 2-phase coupling plug Ø 25 mm,
1x VA-steel pipes, length 180 mm with magnetic holder,
1x plastic flexible hose, length 250 mm,
1x nozzle holder straight,
1x nozzle Ø 8 mm.

19102 102

Spray unit for turning, drilling, and milling

Type 2 for 2 spray locations

Type

1x 2-phase coupling plug Ø 25 mm,
1x VA-steel pipes, length 180 mm with magnetic holder,
1x Y-junction,
2x plastic flexible hose, length 250 mm,
2x nozzle holders straight,
2x nozzles Ø 8 mm.

19102 103

Spray unit for band saw blades with a height of 27-34 mm

Type

1x 2-phase coupling Ø 25 mm,
3x capillary Ø 0,45 mm,
1x outer hose Ø 10 mm, length 3500 mm,
1x spray head with three exits.

19102 104

Spray unit for saw blades up to 400 mm

Type

1x 2-phase coupling Ø 25 mm,
1x capillary Ø 0,45 mm,
1x outer hose Ø 8 mm, length 2000 mm,
1x 90°-angle,
1x 2-phase nozzle Ø 10 mm.

19104 105-110

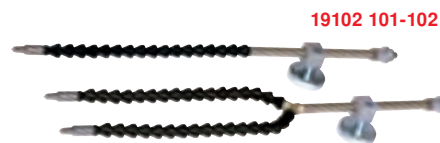
Extension 25/25

Type

1x Microjet hose,
1x capillary hose Ø 1 mm,
2x 2-phase coupling Ø 25 mm (two-way).

19105 101-102

Special lubricant



	Length m	Contents l	19103	...	19102	...	19104	...	19105	...
Manual selector switch	-	-	☒		101					
Spray unit variant 1	-	-				☒				
Spray unit variant 2	-	-				☒				
Spray unit for band saw blades	-	-				☒				
Spray unit for band saw blades	-	-				☒				
Extension line	1	-					☒			105
Extension line	2	-					☒			106
Extension line	3	-					☒			107
Extension line	4	-					☒			108
Extension line	5	-					☒			109
Extension line	6	-					☒			110
Special oil	-	1							☒	101
Special oil	-	5							☒	102

19350

Coolant tap

Type

With magnet 260 N, flexible hose 300 mm long, adjustable stopcock. Hose coupling R1/4 inch and/or pipe socket LW 8.

Use

The coolant tap can be attached anywhere on the machine tool or directly on the workpiece.



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			☒	101