

Multi-Coupling System - Dripless System

Series MKL Machine Side

DN 9

- Machine side of the two-part multi-coupling system
- Using the lever easily and quickly connects & disconnects the systems
- Can be equipped individually
- For safe and fast production processes
- Also available as high-temperature version on demand
- For temperature regulation applications with hot or cold water as well as tempered oil

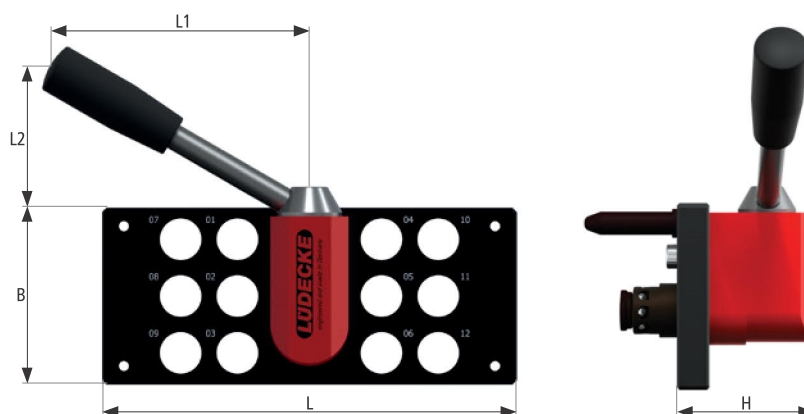
Materials

- Body, valve body: Brass MS 58 nickel-plated
- Valve: Brass MS 58 plain
- Springs: Stainless Steel 1.4310
- Safety ring: Steel phosphated
- Balls: Stainless steel 1.4034
- Seals: FKM
- Plates, lever case: Aluminium anodized
- Lever including mounting
 - Shaft: Steel zinc-plated
 - Head: Thermoset (PF)
- Handle: Aluminium coated

Max. Working Pressure	Temperature	DN	Thread	Type of valve	Media
PN 15 bar	+5°C – +200°C*	9	ISO 228	Dripless	Air/ Water/ Oil/ Vacuum

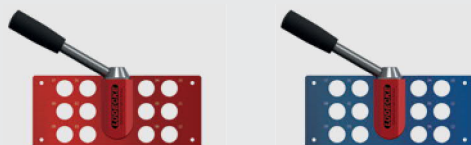
*Subject to media (oil: 200°C, water: 150°C, air: 200°C)

Plates



Plates without products (including handle)

Connection	L	B	L1	L2	H	Weight	Type No.
6	136	95	118	59	68	1125	MKML06
12	200	95	118	59	68	1225	MKML12
20	240	125	118	59	68	1500	MKML20



Colour range of plate:

The plates can also be ordered in red or blue colour. To do so, simply add the colour code to the item number.

→ Red = RO, blue = BL (i.e. MKML12-RO or MKML12-BL)



Lever closing to the left:

The lever closes to the right. However, on request the lever is also available as left-hand version. In this case, please add this abbreviation to the item number:

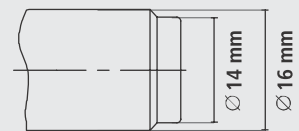
→ LH (i.e. MKML12-LH)

Multi-Coupling System - Dripless System

Machine Side **Series MKL**

DN 9

Plug Profile (original size)



Couplings

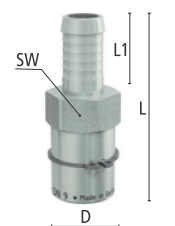
Coupling with female thread (including safety ring)

Thread connection	L	SW	D	L1	Weight	Type No. w valve
G 3/8 f	41.3	22	21.5	9	78	MKML 38 IAB



Couplings with hose stem (including safety ring)

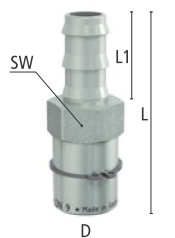
Hose connection	L	SW	D	L1	Weight	Type No. w valve
Hose i.D. 9	58.3	22	21.5	22.5	77	MKML 9 TLAB
Hose i.D. 13	60.8	22	21.5	25	82	MKML 13 TLAB



Couplings with quick-fit hose stem (including safety ring)

Hose connection	L	SW	D	L1	Weight	Type No. w valve
Hose i.D. 10	60	22	21.5	24.2	80	MKML 10 TAB
Hose i.D. 13	63.7	22	21.5	27.9	84	MKML 13 TAB

Safety instruction: Only use quick-fit hose stems in combination with suitable quick-fit hoses (up to max. 100°C)!



Accessories

Handle

Version	L	B	H	Weight	Type No.
06/ 12	76	36	40	23	MKM-B64
20	100	36	40	25	MKM-B88



Multi-Coupling System - Dripless System

Series MKL Tool Side

DN 9



- Tool side of the two-part multi-coupling system
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- Can be equipped individually
- For safe and fast production processes
- Also available as high-temperature version on demand
- For temperature regulation applications with hot or cold water as well as tempered oil

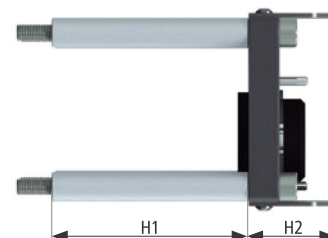
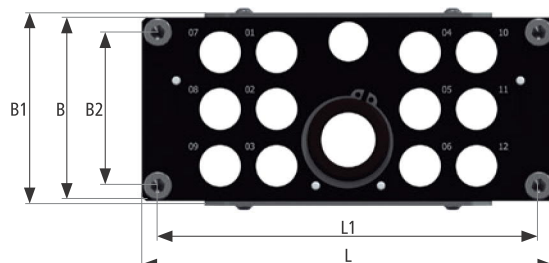
Materials

- Plug (incl. valve body): Brass MS 58 nickel-plated
- Plug valve: Brass MS 58 plain
- Adapter, elbow connector: Brass MS 58 plain
- Safety ring: Steel phosphated
- Seals: FKM
- Plates: Aluminium anodized
- Feet: Steel zinc-plated

Max. Working Pressure	Temperature	DN	Thread	Type of valve	Media
PN 15 bar	+5°C – +200°C*	9	ISO 228	Dripless	Air/ Water/ Oil/ Vacuum

*Subject to media (oil: 200°C, water: 150°C, air: 200°C)

Plates



Plates without products									
Connection	L	B	L1	B1	B2	H1	H2	Weight	Type No.
6	136	96	120	100	70	90	40	1100	MKWL06
12	200	96	184	100	70	90	40	1250	MKWL12
20	240	126	220	130	106	90	40	1500	MKWL20



Colour range of plate:

The plates can also be ordered in red or blue colour. To do so, simply add the colour code to the item number.

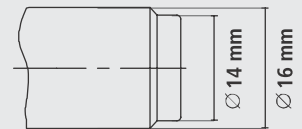
→ Red = RO, blue = BL (i.e. MKWL12-RO or MKWL12-BL)

Multi-Coupling System - Dripless System

Tool Side **Series MKL**

DN 9

Plug Profile (original size)



Plugs

Plug with female thread (including safety ring)

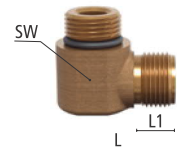
Thread connection	L	SW	D	L1	Weight	Type No. w valve
G 3/8 f	50,4	24	22	10	102	MKWL 38 NIAB



Elbow Connectors

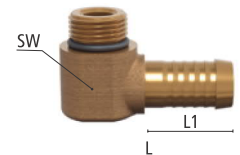
Elbow Connector with male thread (in combination with MKWL 38 NIAB)

Thread connection	L	SW	L1	Weight	Type No.
G 3/8 m	35	20	12	77	MKW 38 A90



Elbow Connectors with hose stem (in combination with MKWL 38 NIAB)

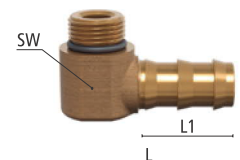
Hose connection	L	SW	L1	Weight	Type No.
Hose i.D. 9	46,5	20	22,5	77	MKW 9 TL90
Hose i.D. 13	49	20	25	80	MKW 13 TL90



Elbow Connectors with quick-fit hose stem (in combination with MKWL 38 NIAB)

Hose connection	L	SW	L1	Weight	Type No.
Hose i.D. 10	51	20	28	79	MKW 10 T90
Hose i.D. 13	51	20	28	84	MKW 13 T90

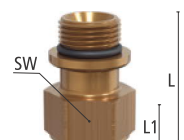
Safety instruction: Only use quick-fit hose stems in combination with suitable quick-fit hoses (up to max. 100°C)!



Adapter

Adapter with female thread

Thread connection	L	SW	L1	Weight	Type No.
G 3/8 f	33	22	10	55	MKW-V



Multi-Coupling System - Accessories

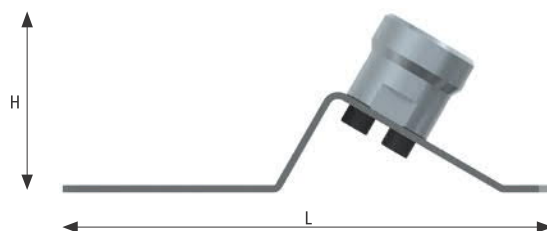
Parking plate



- To set down the machine side of the multi-coupling when disconnected as well as for its temporary storage during tool change
- The multi-coupling can be locked on the parking plate to avoid unintended dropping
- Lockings prevent a twisting of the coupling and a drilling for the PIN ensures a proper fit
- The parking plate is also available without locking mechanism

Materials

- Plate: Stainless steel
- Sleeve, screws: Galvanised steel



Parking plate incl. bracket					
Connection	L	B	H	Weight	Type No.
For all series	210	40	77	575	MKP09

