

Multi-Coupling System - French Plug Profile

Series MKF 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

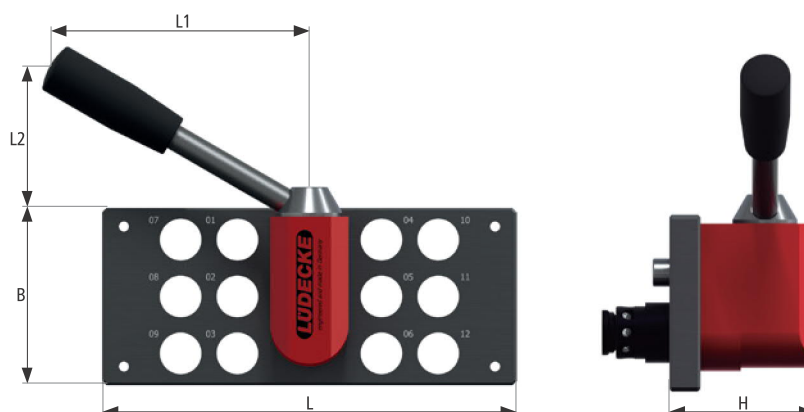
Materials

- Body, valve body, 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	Single Shut-off/ Double Shut-off/ Straight-Through	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	140	81	118	67	68	1050	MKMF06
12	190	81	118	67	68	1150	MKMF12
12	154	81	118	67	68	1043	MKMF12W*
20	206	103	118	67	68	1275	MKMF20

*Tub-compatible version



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. MKMF12-RO or MKMF12-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:

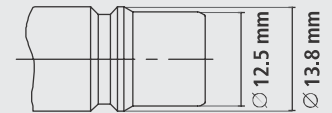
→ LH (i.e. MKMF12-LH)

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Machine Side **Series MKF**

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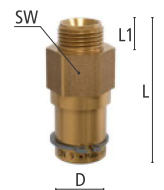
Plug Profile (original size)



Couplings

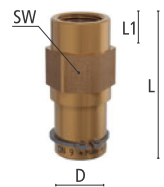
Couplings with male thread (including safety ring)

Thread connection	L	SW	D	L1	Weight	Type No. w/o valve	Type No. w valve
G 3/8 m	49	22	19	11	73	MKMF 38 A	MKMF 38 AAB



Couplings with female thread (including safety ring)

Thread connection	L	SW	D	L1	Weight	Type No. w/o valve	Type No. w valve
G 3/8 f	50.5	22	19	10	80	MKMF 38 I	MKMF 38 IAB



Couplings with hose stem (including safety ring)

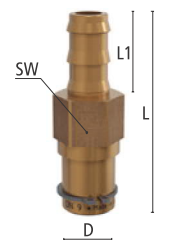
Hose connection	L	SW	D	L1	Weight	Type No. w/o valve	Type No. w valve
Hose i.D. 9	64	22	19	22.5	77	MKMF 9 TL	MKMF 9 TLAB
Hose i.D. 13	66.5	22	19	25	87	MKMF 13 TL	MKMF 13 TLAB



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

Hose connection	L	SW	D	L1	Weight	Type No. w/o valve	Type No. w valve
Hose i.D. 10	70	22	19	28	84	MKMF 10 T	MKMF 10 TAB
Hose i.D. 13	70	22	19	28	93	MKMF 13 T	MKMF 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 - French Plug Profile

Series MKF Tool Side

DN 9



- Tool side of the two-part multi-coupling system
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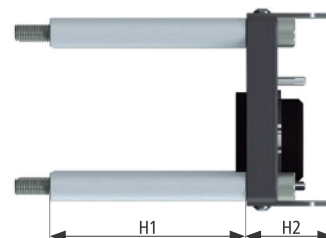
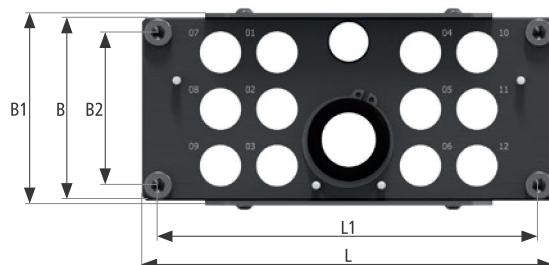
Materials

- Body, valve body, valve, plug: 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	Single Shut-off/ Double Shut-off/ Straight-Through	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	140	84	120	88	70	90	40	1075	MKWF06
12	190	84	175	88	70	90	40	1175	MKWF12
20	206	104	186	108	84	90	40	1350	MKWF20



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.

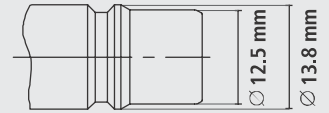
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Tool Side **Series MKF**

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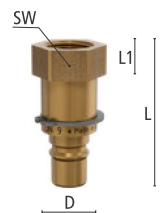
Plug Profile (original size)



Plugs

Plugs with female thread (including safety ring)

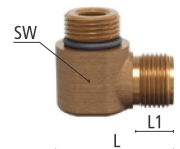
Thread connection	L	SW	D	L1	Weight	Type No. w/o valve	Type No. w valve
G 3/8 f	49	22	19	13	51	MKWF 38 NI	MKWF 38 NIAB



Elbow Connectors

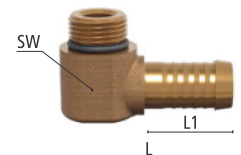
Elbow Connector with male thread (in combination with MKWF 38 NI/AB)

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 MKWF 38 NI/AB)

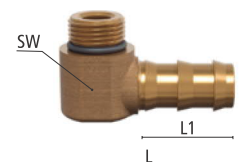
Hose connection	L	SW	L1	Weight	Type No.
Hose i.D. 9	46.5	20	22.5	77	MKW 9 TL90
Hose i.D. 13	49	20	25	80	MKW 13 TL90



Elbow Connectors with quick-fit hose stem (in combination with MKWF 38 NI/AB)

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

