

Multi-Coupling System - International Plug Profile

Series MKD 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

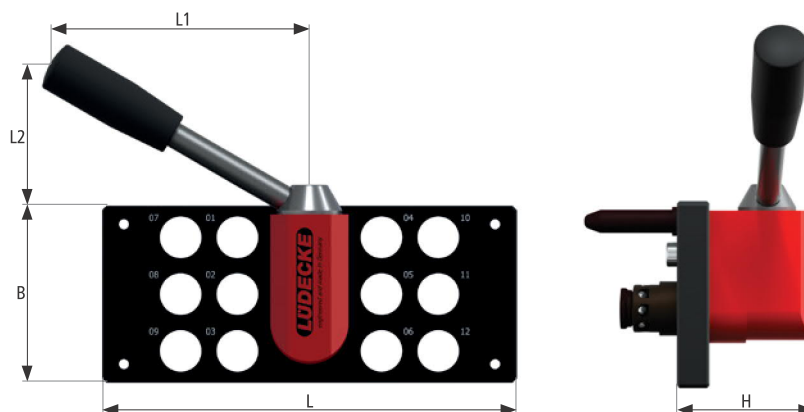
Materials

- 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

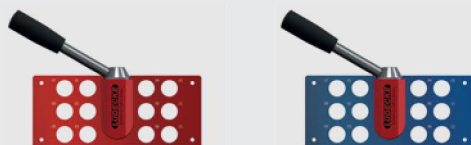
*Subject to media (oil: 200°C, water: 150°C, air: 200°C)

Plates



Plates without products (including handle)

Connection	L	B	L1	L2	H	Weight	Type No.
6	140	81	118	67	68	1100	MKMH06
12	190	81	118	67	68	1200	MKMH12
20	206	103	118	67	68	1275	MKMH20



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. MKMH12-RO or MKMH12-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:

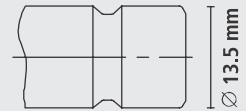
→ LH (i.e. MKMH12-LH)

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Machine Side **Series MKD**

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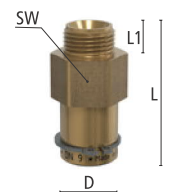
Plug Profile (original size)



Couplings

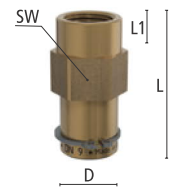
Couplings with male thread (including safety ring)

Thread connection	L	SW	D	L1	Weight	Type No. w/o valve	Type No. w valve
G 3/8 m	48.5	22	19	11	75	MKMD 38 A	MKMD 38 AAB



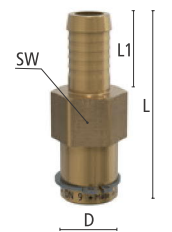
Couplings with female thread (including safety ring)

Thread connection	L	SW	D	L1	Weight	Type No. w/o valve	Type No. w valve
G 3/8 f	48	22	19	10	75	MKMD 38 I	MKMD 38 IAB



Couplings with hose stem (including safety ring)

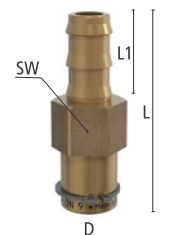
Hose connection	L	SW	D	L1	Weight	Type No. w/o valve	Type No. w valve
Hose i.D. 9	61.5	22	19	22.5	71	MKMD 9 TL	MKMD 9 TLAB
Hose i.D. 13	64	22	19	25	81	MKMD 13 TL	MKMD 13 TLAB



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	67.5	22	19	28	80	MKMD 10 T	MKMD 10 TAB
Hose i.D. 13	67.5	22	19	28	87	MKMD 13 T	MKMD 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 - International Plug Profile

Series MKD Tool Side

DN 9



- Tool side of the two-part multi-coupling system
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- Also available as high-temperature version on demand
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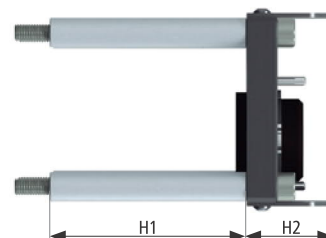
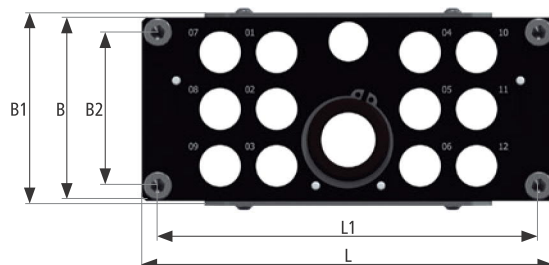
Materials

- 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	1100	MKWH06
12	190	84	175	88	70	90	40	1200	MKWH12
20	206	104	186	108	84	90	40	1350	MKWH20



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.

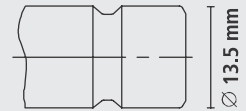
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Tool Side **Series MKD**

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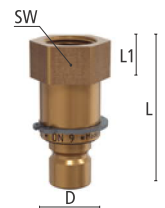
Plug Profile (original size)



Plugs

Plugs with female thread (including safety ring)

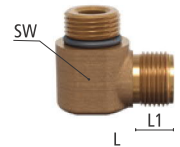
Thread connection	L	SW	D	L1	Weight	Type No. w/o valve	Type No. w valve
G 3/8 f	46.5	22	19	10	60	MKWD 38 NI	MKWD 38 NIAB



Elbow Connectors

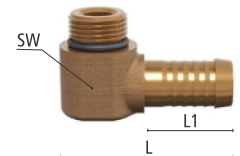
Elbow Connector with male thread (in combination with MKWD 38 NI/AB)

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 MKWD 38 NI/AB)

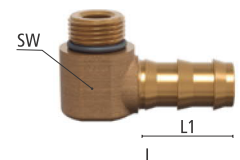
Hose connection	L	SW	L1	Weight	Type No.
Hose i.D. 9	46.5	20	22.5	77	MKW 9 TL90
Hose i.D. 13	49	20	25	80	MKW 13 TL90



Elbow Connectors with quick-fit hose stem (in combination with MKWD 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

