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

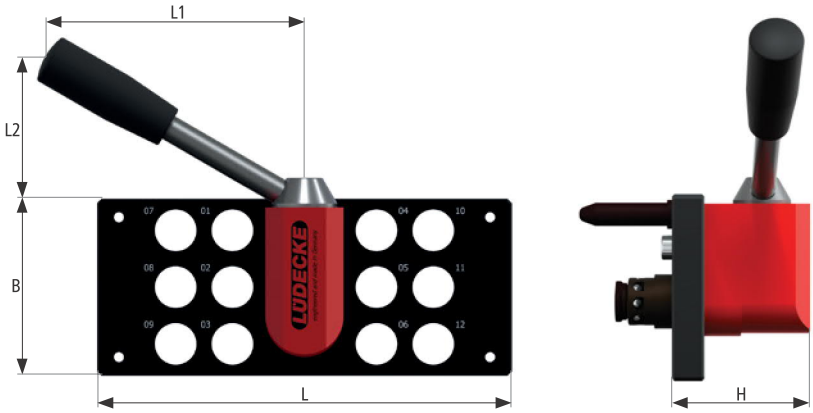
Materials

- 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

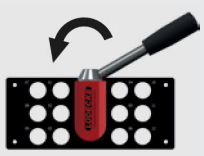
*Subject to media (oil: 200°C, water: 150°C, air: 200°C)

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)



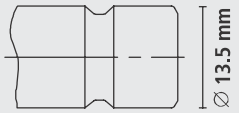
Lever closing to the left:
The lever closes to the right. However, on request the lever is also available as left-hand version. In this case, please add this abbreviation to the item number:
➔ LH (i.e. MKMH12-LH)

Multi-Coupling System - International Plug Profile

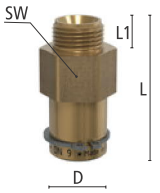
Machine Side **Series MKD**

DN 9

Plug Profile (original size)

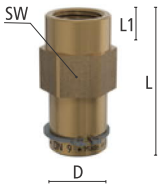


Couplings



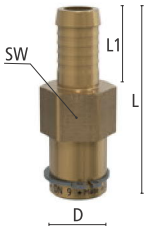
Couplings with male thread (including safety ring)

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



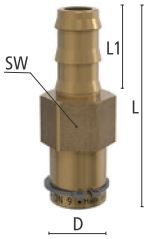
Couplings with female thread (including safety ring)

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

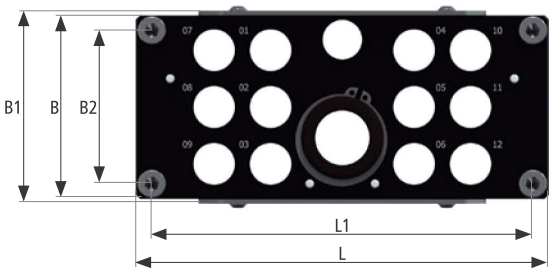
- Tool side of the two-part multi-coupling system
- Using the lever on the machine side easily and quickly connects and disconnects the systems
- Can be equipped individually
- For safe and fast production processes
- Also available as high-temperature version on demand
- For temperature regulation applications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

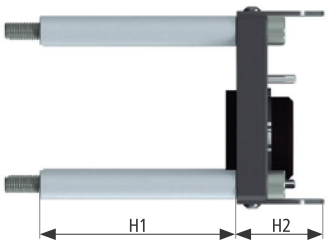
Materials
- Body, valve body, valve, plug: Brass MS 58 plain
- Safety ring: Steel phosphated
- Seals: FKM
- Plates: Aluminium anodized
- Feet: Steel zinc-plated

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**

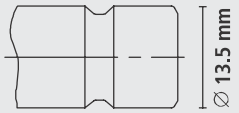
Colour range of plate:
The plates can also be ordered in red or blue colour. To do so, simply add the colour code to the item number.
➔ Red = RO, blue = BL (i.e. MKWH12-RO or MKWH12-BL)

Multi-Coupling System - International Plug Profile

Tool Side **Series MKD**

DN 9

Plug Profile (original size)

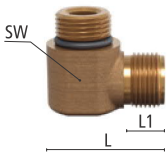


Plugs

Plugs with female thread (including safety ring)

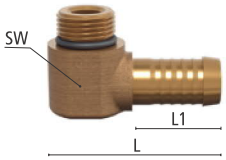
Thread connection	L	SW	D	L1	Weight	Type No. w/o valve	Type No. w valve
G 3/8 f	46.5	22	19	10	60	MKWD 38 NI	MKWD 38 NIAB

Elbow Connectors



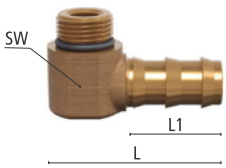
Elbow Connector with male thread (in combination with MKWD 38 NI/AB)

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

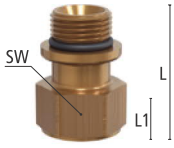


Elbow Connectors with quick-fit hose stem (in combination with MKWD 38 NI/AB)

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