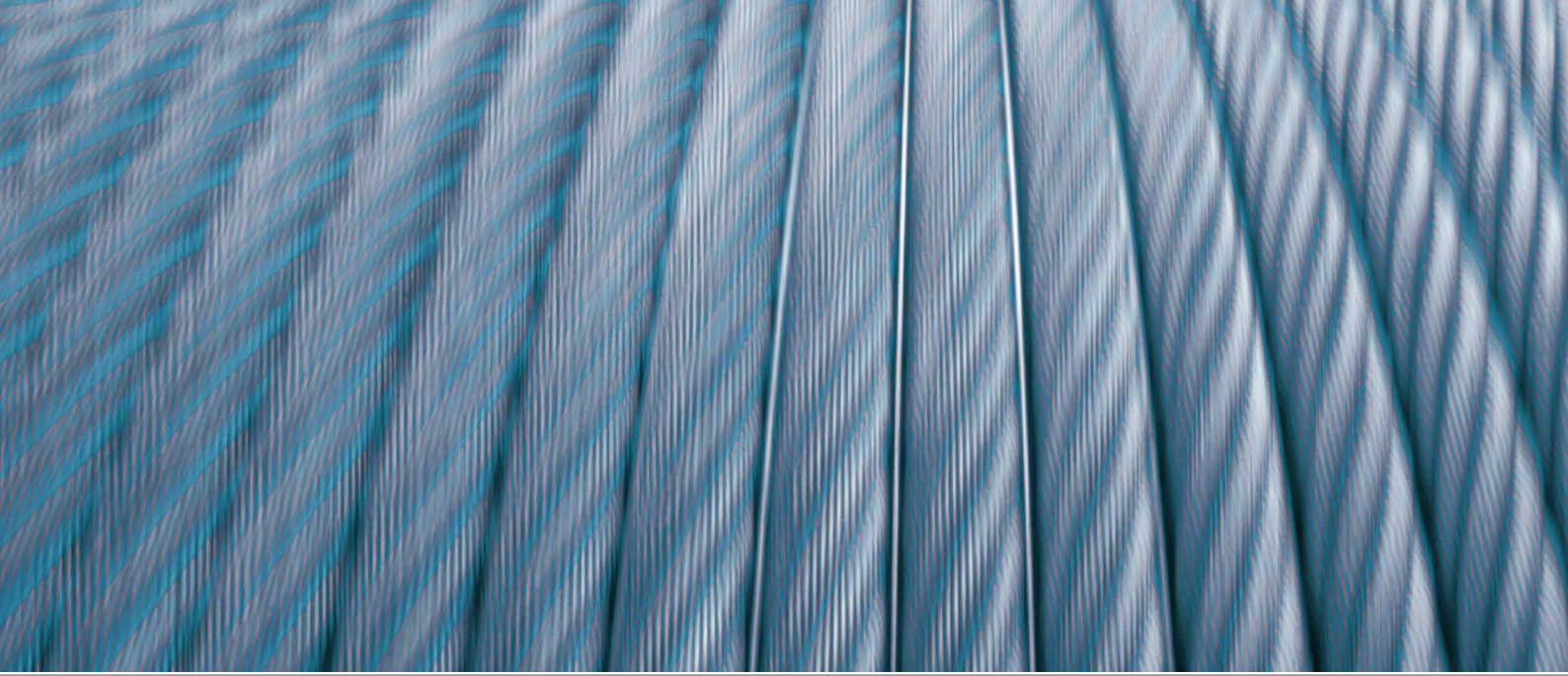


## RMP multi-couplings Hydraulics





## Centralised connections ...

### Centralised connections of hydraulic circuits

- optimised time for changing moulds
- streamlined connections.

### Efficient and fast

- Safe and fast connections and disconnections with simple rotation of the control lever.

### Safe

- No connection error possible: coupling in one single position
- Foolproof keying system available to prevent any cross connection in the event of the use of several plates on the same mould
- Robust locking system
- Automatic shutoff of supply circuits upon disconnection.

### Plates fitted with clean-break design couplings

- No risk of spillage of oil into the mould at disconnection
- No ingress of air into the hydraulic circuits at connection.

### Flexibility of use

- Systems tailored to both existing and new presses and moulds.



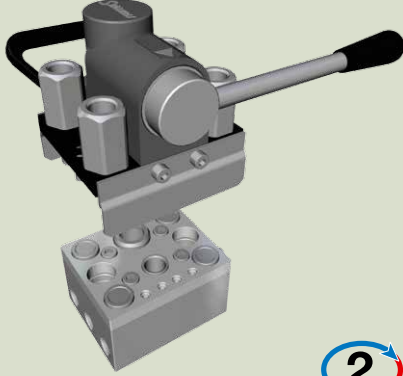

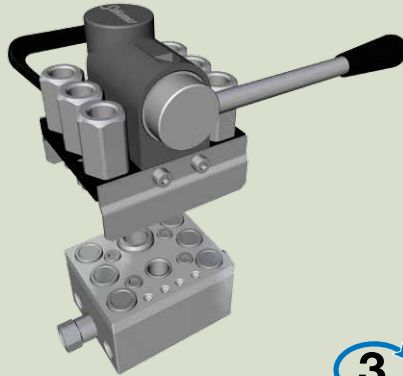

### High performance couplings

High flow volume and speed (**up to 30 m/s**) perfectly matched to the needs of your core pull applications.





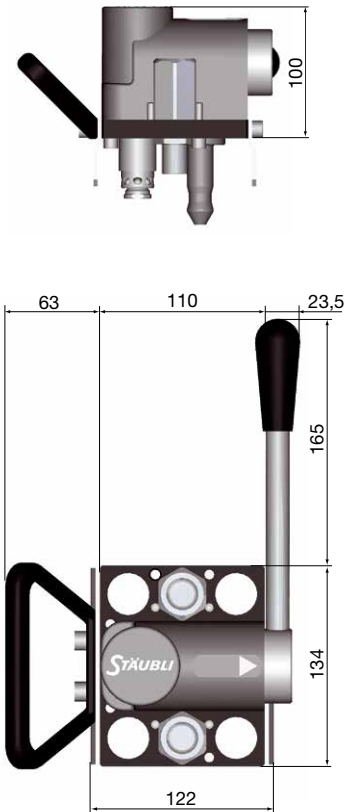
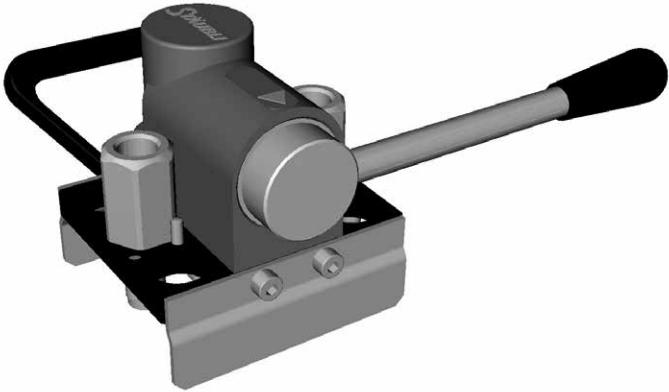
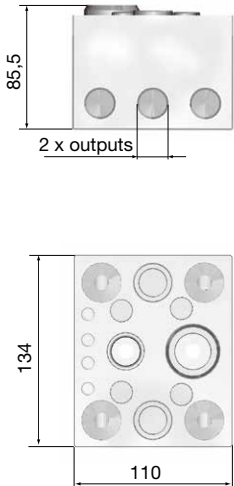

... for more safety

RMP 49.02	RMP 49.04	RMP 49.06
 	 	 
2 couplings - 1 circuit	4 couplings - 2 circuits	6 couplings - 3 circuits

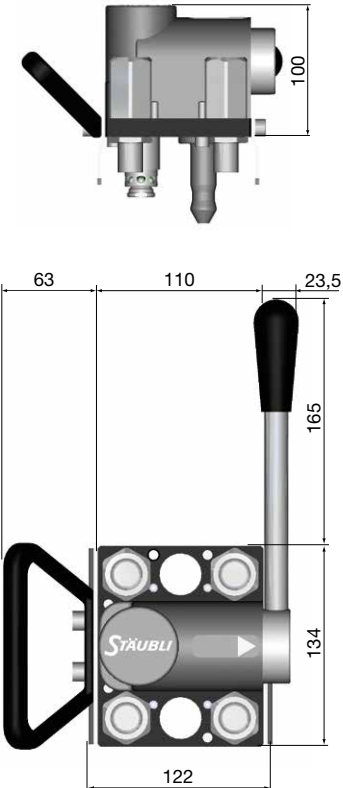
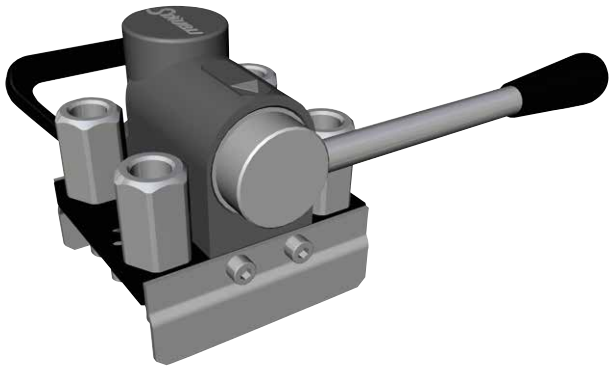
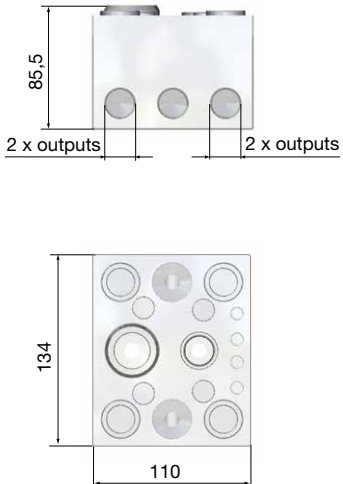



# RMP 49.02

RMP 49.02

RMP 49.02	OUTPUT	PART-NUMBERS										
<p><b>Press equipment</b></p> 		<p>Plate fitted with 2 plugs female thread</p>  <table border="1" data-bbox="635 987 1473 1205"> <tbody> <tr> <td>G 3/8</td> <td>RMP 49.02.1102/JV</td> </tr> <tr> <td>G 1/2</td> <td>RMP 49.02.1103/JV</td> </tr> <tr> <td>NPT 1/2</td> <td>RMP 49.02.1203/JV</td> </tr> <tr> <td>UN 9/16 - 18 *</td> <td>RMP 49.02.1314/JV</td> </tr> <tr> <td>UN 3/4 - 16 *</td> <td>RMP 49.02.1319/JV</td> </tr> </tbody> </table>	G 3/8	RMP 49.02.1102/JV	G 1/2	RMP 49.02.1103/JV	NPT 1/2	RMP 49.02.1203/JV	UN 9/16 - 18 *	RMP 49.02.1314/JV	UN 3/4 - 16 *	RMP 49.02.1319/JV
G 3/8	RMP 49.02.1102/JV											
G 1/2	RMP 49.02.1103/JV											
NPT 1/2	RMP 49.02.1203/JV											
UN 9/16 - 18 *	RMP 49.02.1314/JV											
UN 3/4 - 16 *	RMP 49.02.1319/JV											
<p><b>Mould equipment</b></p> 		<p>Plate fitted with 2 sockets female thread</p>  <table border="1" data-bbox="635 1711 1473 1935"> <tbody> <tr> <td>G 3/8</td> <td>RMP 49.02.7102/JV</td> </tr> <tr> <td>G 1/2</td> <td>RMP 49.02.7103/JV</td> </tr> <tr> <td>NPT 1/2</td> <td>RMP 49.02.7203/JV</td> </tr> <tr> <td>UN 9/16 - 18 *</td> <td>RMP 49.02.7314/JV</td> </tr> <tr> <td>UN 3/4 - 16 *</td> <td>RMP 49.02.7319/JV</td> </tr> </tbody> </table>	G 3/8	RMP 49.02.7102/JV	G 1/2	RMP 49.02.7103/JV	NPT 1/2	RMP 49.02.7203/JV	UN 9/16 - 18 *	RMP 49.02.7314/JV	UN 3/4 - 16 *	RMP 49.02.7319/JV
G 3/8	RMP 49.02.7102/JV											
G 1/2	RMP 49.02.7103/JV											
NPT 1/2	RMP 49.02.7203/JV											
UN 9/16 - 18 *	RMP 49.02.7314/JV											
UN 3/4 - 16 *	RMP 49.02.7319/JV											
<p><b>Keying kit</b></p>	<p>- Press equipment</p> <p>- Mould equipment</p>	<p>RMP 49.06.8910</p> <p>RMP 49.06.8960</p>										
<p><b>Proximity sensors</b></p>	<p>Add the code <b>DP</b> to the plates part-numbers (press side).</p>											

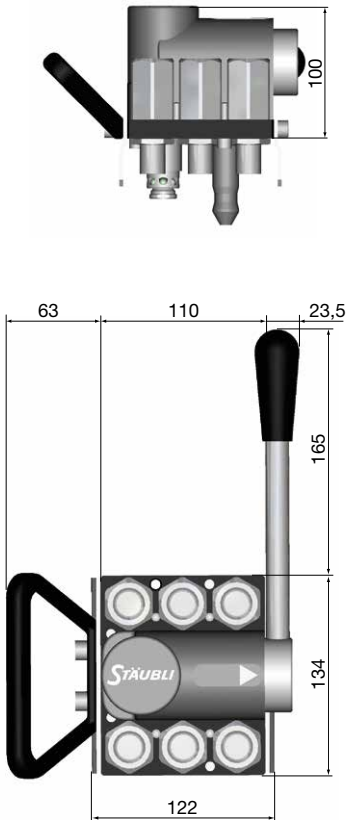
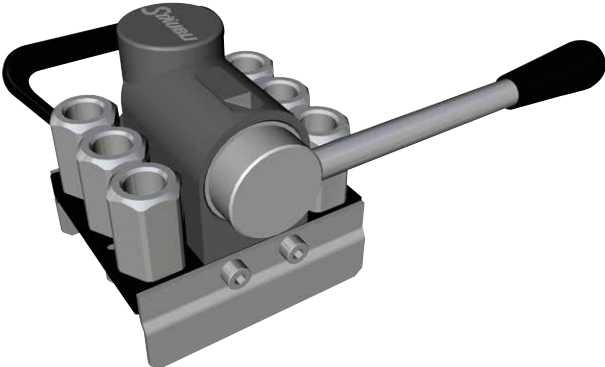
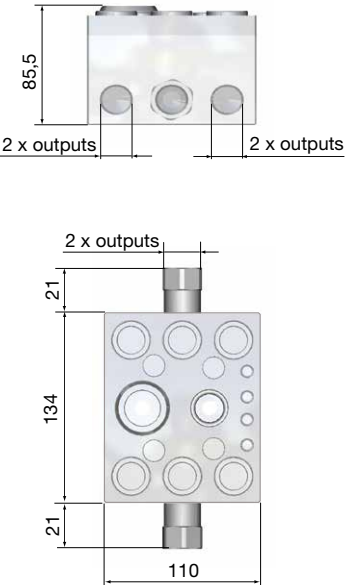

\* according to SAE J1926-1

RMP 49.04	OUTPUT	PART-NUMBERS										
<p><b>Press equipment</b></p> 		<p>Plate fitted with 4 plugs female thread</p>  <table border="1" data-bbox="654 985 1492 1198"> <tbody> <tr> <td>G 3/8</td> <td>RMP 49.04.1102/JV</td> </tr> <tr> <td>G 1/2</td> <td>RMP 49.04.1103/JV</td> </tr> <tr> <td>NPT 1/2</td> <td>RMP 49.04.1203/JV</td> </tr> <tr> <td>UN 9/16 - 18 *</td> <td>RMP 49.04.1314/JV</td> </tr> <tr> <td>UN 3/4 - 16 *</td> <td>RMP 49.04.1319/JV</td> </tr> </tbody> </table>	G 3/8	RMP 49.04.1102/JV	G 1/2	RMP 49.04.1103/JV	NPT 1/2	RMP 49.04.1203/JV	UN 9/16 - 18 *	RMP 49.04.1314/JV	UN 3/4 - 16 *	RMP 49.04.1319/JV
G 3/8	RMP 49.04.1102/JV											
G 1/2	RMP 49.04.1103/JV											
NPT 1/2	RMP 49.04.1203/JV											
UN 9/16 - 18 *	RMP 49.04.1314/JV											
UN 3/4 - 16 *	RMP 49.04.1319/JV											
<p><b>Mould equipment</b></p> 		<p>Plate fitted with 4 sockets female thread</p>  <table border="1" data-bbox="654 1713 1492 1926"> <tbody> <tr> <td>G 3/8</td> <td>RMP 49.04.7102/JV</td> </tr> <tr> <td>G 1/2</td> <td>RMP 49.04.7103/JV</td> </tr> <tr> <td>NPT 1/2</td> <td>RMP 49.04.7203/JV</td> </tr> <tr> <td>UN 9/16 - 18 *</td> <td>RMP 49.04.7314/JV</td> </tr> <tr> <td>UN 3/4 - 16 *</td> <td>RMP 49.04.7319/JV</td> </tr> </tbody> </table>	G 3/8	RMP 49.04.7102/JV	G 1/2	RMP 49.04.7103/JV	NPT 1/2	RMP 49.04.7203/JV	UN 9/16 - 18 *	RMP 49.04.7314/JV	UN 3/4 - 16 *	RMP 49.04.7319/JV
G 3/8	RMP 49.04.7102/JV											
G 1/2	RMP 49.04.7103/JV											
NPT 1/2	RMP 49.04.7203/JV											
UN 9/16 - 18 *	RMP 49.04.7314/JV											
UN 3/4 - 16 *	RMP 49.04.7319/JV											
<p><b>Keying kit</b></p>	<p>- Press equipment</p>	<p>RMP 49.06.8910</p>										
	<p>- Mould equipment</p>	<p>RMP 49.06.8960</p>										
<p><b>Proximity sensors</b></p>	<p>Add the code <b>DP</b> to the plates part-numbers (press side).</p>											

\* according to SAE J1926-1

# RMP 49.06

RMP 49.06

RMP 49.06	OUTPUT	PART-NUMBERS										
<p><b>Press equipment</b></p> 		<p>Plate fitted with 6 plugs female thread</p>  <table border="1" data-bbox="635 987 1473 1205"> <tr> <td>G 3/8</td> <td>RMP 49.06.1102/JV</td> </tr> <tr> <td>G 1/2</td> <td>RMP 49.06.1103/JV</td> </tr> <tr> <td>NPT 1/2</td> <td>RMP 49.06.1203/JV</td> </tr> <tr> <td>UN 9/16 - 18 *</td> <td>RMP 49.06.1314/JV</td> </tr> <tr> <td>UN 3/4 - 16 *</td> <td>RMP 49.06.1319/JV</td> </tr> </table>	G 3/8	RMP 49.06.1102/JV	G 1/2	RMP 49.06.1103/JV	NPT 1/2	RMP 49.06.1203/JV	UN 9/16 - 18 *	RMP 49.06.1314/JV	UN 3/4 - 16 *	RMP 49.06.1319/JV
G 3/8	RMP 49.06.1102/JV											
G 1/2	RMP 49.06.1103/JV											
NPT 1/2	RMP 49.06.1203/JV											
UN 9/16 - 18 *	RMP 49.06.1314/JV											
UN 3/4 - 16 *	RMP 49.06.1319/JV											
<p><b>Mould equipment</b></p> 		<p>Plate fitted with 6 sockets female thread</p>  <table border="1" data-bbox="635 1711 1473 1935"> <tr> <td>G 3/8</td> <td>RMP 49.06.7102/JV</td> </tr> <tr> <td>G 1/2</td> <td>RMP 49.06.7103/JV</td> </tr> <tr> <td>NPT 1/2</td> <td>RMP 49.06.7203/JV</td> </tr> <tr> <td>UN 9/16 - 18 *</td> <td>RMP 49.06.7314/JV</td> </tr> <tr> <td>UN 3/4 - 16 *</td> <td>RMP 49.06.7319/JV</td> </tr> </table>	G 3/8	RMP 49.06.7102/JV	G 1/2	RMP 49.06.7103/JV	NPT 1/2	RMP 49.06.7203/JV	UN 9/16 - 18 *	RMP 49.06.7314/JV	UN 3/4 - 16 *	RMP 49.06.7319/JV
G 3/8	RMP 49.06.7102/JV											
G 1/2	RMP 49.06.7103/JV											
NPT 1/2	RMP 49.06.7203/JV											
UN 9/16 - 18 *	RMP 49.06.7314/JV											
UN 3/4 - 16 *	RMP 49.06.7319/JV											
<p><b>Keying kit</b></p>	<p>- Press equipment</p>	<p>RMP 49.06.8910</p>										
	<p>- Mould equipment</p>	<p>RMP 49.06.8960</p>										
<p><b>Proximity sensors</b></p>	<p>Add the code <b>DP</b> to the plates part-numbers (press side).</p>											

\*according to SAE J1926-1

## Parking plate



PART-NUMBER

RMP 40.8900




## Plate component

### Press equipment

US Patent 8 397 754  
and other countries

### Mould equipment

	OUTPUT	PART-NUMBERS		PART-NUMBER
		G 3/8		HVB 09.5102/IA/JV
	G 1/2	HVB 09.5103/IA/JV		
	NPT 1/2	HVB 09.5203/IA/JV		
	UN 9/16 - 18 *	HVB 09.5314/IA/JV		
	UN 3/4 - 16 *	HVB 09.5319/IA/JV		


\* according to SAE J1926-1

## Complete plate conversion kit from RMP 48 to RMP 49

please contact us.

## Technical specifications

### Shut-off

- double 

### Leaktight seal

- Fluorocarbon (FPM) as standard.

### Conditions of use of plates

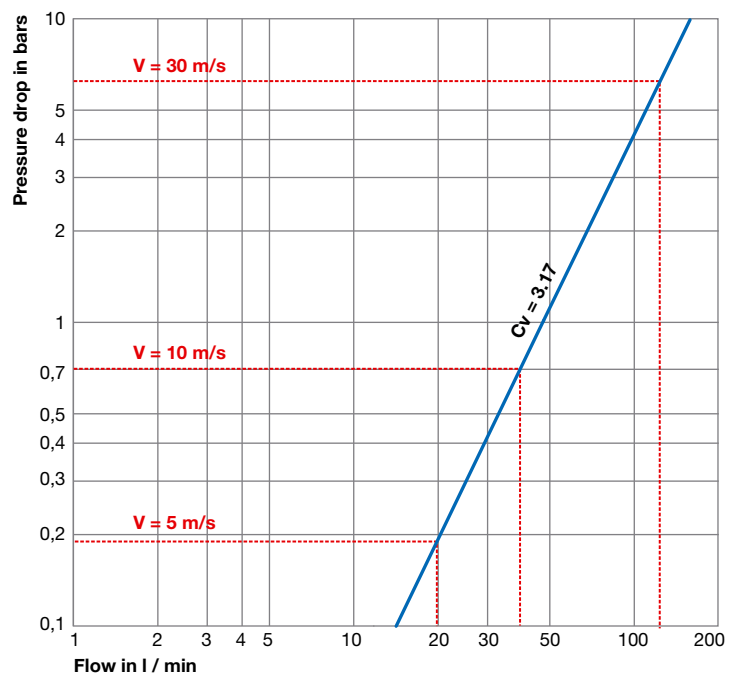
Min. / max. working temperature  
according to max. working pressure:  
- 10 to + 120° C - Max. working pressure = 180 bar,  
with the following configuration:  
3 x 180 bar couplings (supply circuit)  
**and** 3 x 10 bar couplings (output circuit).

For higher temperatures, consult us.  
Be sure to distribute the inlet-outlet circuits so as to balance  
the pressures on each side of the locking systems.  
For further information, consult us.

### Test conditions:

- Water
- Density: 998 kg/m<sup>3</sup>
- Viscosity: 1.08 cSt
- Direction of flow: socket  $\rightarrow$  plug

### Flow rate / pressure drop charts



We reserve the right to modify product specifications without prior notice.

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■ Staubli units  
○ Connectors distributors

**International sales coordination**

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