Well Connected!

Original BINZEL.
The central adaptor system.

Welding & cutting brought to the point.
All machine types are different in construction and all wire feeding systems have their own dimensions. However, there is a common denominator the central adaptor system. We offer more than 500 different central adaptor types.

Please mention manufacturer and type of your wire feeder or your compact power source and we supply you with the appropriate adaptor.

If, however, you do not have this information, then fill in the sketch on the last page and send it to us by fax - we will do the rest!

This brochure gives only a brief insight into the variety of different insulating flanges, brass bodies, adaptor plugs, capillary tubes, liner supports and quick disconnectors.

Only original BIN ZEL parts guarantee 100% reliability.

For more than 20 years the common industry norm for adaptor systems for air and liquid cooled MIG/MAG machines, the original BIN ZEL central adaptor and central connector.
Precision proves evidence in every detail.

**Insulation flange**

<table>
<thead>
<tr>
<th>Description</th>
<th>Sizes</th>
<th>Ident No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insulation flange</td>
<td>ø 120 mm</td>
<td>501.0602</td>
</tr>
<tr>
<td>Insulation flange</td>
<td>ø 85 mm</td>
<td>501.0616</td>
</tr>
<tr>
<td>Insulation flange</td>
<td>Δ 85 mm</td>
<td>501.0154</td>
</tr>
<tr>
<td>Insulation flange</td>
<td>ø 50 mm</td>
<td>501.0588</td>
</tr>
</tbody>
</table>

**Brass body**

<table>
<thead>
<tr>
<th>Description</th>
<th>No.</th>
<th>Sizes</th>
<th>Ident No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brass body</td>
<td>1</td>
<td>Gas axial</td>
<td>501.0168</td>
</tr>
<tr>
<td>Brass body</td>
<td>2</td>
<td>Gas radial</td>
<td>501.0169</td>
</tr>
<tr>
<td>Brass body</td>
<td>3</td>
<td>Current/ Gas radial</td>
<td>501.0170</td>
</tr>
<tr>
<td>Brass body</td>
<td>4</td>
<td>Current and Gas radial</td>
<td>501.0172</td>
</tr>
<tr>
<td>Brass body</td>
<td>5</td>
<td>Current radial/ Gas axial</td>
<td>501.0175</td>
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</tbody>
</table>

**Adaptor plug**

<table>
<thead>
<tr>
<th>Description</th>
<th>Sizes</th>
<th>Ident No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power lug</td>
<td></td>
<td>501.0280</td>
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</tbody>
</table>
### Capillary tubes

<table>
<thead>
<tr>
<th>Description</th>
<th>Sizes</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capillary tubes for wire</td>
<td>up to ø 1, 0 mm</td>
<td>129.5.15.xxx</td>
</tr>
<tr>
<td>Capillary tubes for wire</td>
<td>up to ø 1, 6 mm</td>
<td>129.5.20.xxx</td>
</tr>
<tr>
<td>Capillary tubes for wire</td>
<td>ø 2,0 and 2,4 mm</td>
<td>129.5.30.xxx</td>
</tr>
<tr>
<td>Capillary tubes for wire</td>
<td>ø 2,8 and 3,2 mm</td>
<td>129.5.40.xxx</td>
</tr>
</tbody>
</table>

The length in mm is to be instead of (xxx) quoted.

### Guide tubes

<table>
<thead>
<tr>
<th>Description</th>
<th>Sizes</th>
<th>Ident No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guide tubes for liners</td>
<td>200 mm</td>
<td>129.0461</td>
</tr>
<tr>
<td>Guide tubes for liners</td>
<td>500 mm</td>
<td>129.0473</td>
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</tbody>
</table>

The guide tubes must be fitted as shown in the assembly instructions (last page).

### Quick disconnectors

<table>
<thead>
<tr>
<th>Description</th>
<th>Sizes</th>
<th>Ident No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>for fitting with hose</td>
<td>ø 8 mm</td>
<td>501.0190</td>
</tr>
<tr>
<td>for mounting with G 1/2” nut and powerconnection</td>
<td>501.0198</td>
<td></td>
</tr>
<tr>
<td>for fitting with hose</td>
<td>ø 6 mm</td>
<td>501.0204</td>
</tr>
<tr>
<td>for mounting with G 3/8” nut and powerconnection</td>
<td>501.0163</td>
<td></td>
</tr>
<tr>
<td>for fitting with hose</td>
<td>ø 10 mm</td>
<td>501.0195</td>
</tr>
<tr>
<td>for mounting with nut</td>
<td>M 12x1,5</td>
<td>501.0194</td>
</tr>
<tr>
<td>for mounting with nut</td>
<td>G 3/8”</td>
<td>501.0189</td>
</tr>
<tr>
<td>for mounting with nut</td>
<td>M 14x1</td>
<td>501.0176</td>
</tr>
<tr>
<td>for mounting with nut</td>
<td>G 1/4”</td>
<td>501.0158</td>
</tr>
<tr>
<td>for mounting with nut</td>
<td>M 14x1</td>
<td>501.0197</td>
</tr>
<tr>
<td>for mounting with nut</td>
<td>G 1/2”</td>
<td>501.0191</td>
</tr>
<tr>
<td>for mounting with nut 5/8” LH</td>
<td>Ext. Thread</td>
<td>501.0188</td>
</tr>
<tr>
<td>for mounting with nut 7/8” 14G-UNF</td>
<td></td>
<td>501.0196</td>
</tr>
<tr>
<td>O-ring</td>
<td></td>
<td>501.0304</td>
</tr>
<tr>
<td>Quick disconnector G 1/8” Int. Thread</td>
<td></td>
<td>177.0003</td>
</tr>
<tr>
<td>Quick disconnector G 1/8” Ext. Thread</td>
<td></td>
<td>177.0002</td>
</tr>
</tbody>
</table>
Assembly advice
for use of Teflon- and plastic liners

O-Ring 3.5 x 1.5 mm, prevents loss of gas
Nut
Brass body
Teflon / plastic liner
Central connector
Nipple (= clamping part)
Part No. 131.0001 for 4.0 mm Ext. Thread
Part No. 131.0002 for 4.7 mm Ext. Thread

The guide tube for Teflon- and plastic liners with 4 mm outer diameter is inserted into the central adapter block instead of the steelmade capillary tube.

Wire feed roll

Fill in exactly and send back by fax

Dimension sketch for central adaptors

Central connector
Nut
O-Ring 3.5 x 1.5 mm, prevents loss of gas
Brass body
Teflon / plastic liner
Nipple (= clamping part)
Part No. 131.0001 for 4.0 mm Ext. Thread
Part No. 131.0002 for 4.7 mm Ext. Thread

The guide tube for Teflon- and plastic liners with 4 mm outer diameter is inserted into the central adapter block instead of the steelmade capillary tube.

Wire feed roll

Front panel-machine
Insulation flange
Brass body
Brass body
Adaptor plug
Feed block
Capillary tube
Wire feed rolls-machine

Manufacturer
Power source
Wire feeder

Type

Connections
Plug conn. Thread
Gas
Current
Water preflow
Current / water

Hose cable length in mm
Gas
Current
Water preflow
Current / water

Connections inside outside

Control lead 1 2 3 pole

Other details

Company stamp

Date, Name

Other details

Company stamp

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