

# Приспособления стандартные CARL ROTH ROTILABO

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# Standard ground components



## Thermometer adapter

Lenz. Material: DURAN® glass, screw cap made of plastic, seal made of silicone with cured-on PTFE cuff.

| Standard ground glass joint core | Thread | Ø Hole (mm) | Art. No.      | Pack Qty. |  |
|----------------------------------|--------|-------------|---------------|-----------|--|
| 14/23                            | GL 14  | 6           | <b>AK92.1</b> | 1 unit(s) |  |
| 14/23                            | GL 18  | 8           | <b>AK94.1</b> | 1 unit(s) |  |
| 19/26                            | GL 14  | 6           | <b>TE98.1</b> | 1 unit(s) |  |
| 19/26                            | GL 18  | 8           | <b>TH00.1</b> | 1 unit(s) |  |
| 24/29                            | GL 14  | 6           | <b>TE99.1</b> | 1 unit(s) |  |
| 29/32                            | GL 14  | 6           | <b>AK93.1</b> | 1 unit(s) |  |
| 29/32                            | GL 18  | 8           | <b>AK95.1</b> | 1 unit(s) |  |
| 29/32                            | GL 25  | 10          | <b>TH01.1</b> | 1 unit(s) |  |
| 29/32                            | GL 32  | 14          | <b>TH02.1</b> | 1 unit(s) |  |



## Spherical joint connection

Lenz. Material: DURAN® glass.

| Spherical connection for ground glass joint | Length (mm) | Art. No.      | Pack Qty.  |  |
|---------------------------------------------|-------------|---------------|------------|--|
| 13/2                                        | 100         | <b>EKA9.1</b> | 10 unit(s) |  |
| 13/5                                        | 100         | <b>EKC0.1</b> | 10 unit(s) |  |
| 19                                          | 120         | <b>EKC1.1</b> | 10 unit(s) |  |
| 29                                          | 120         | <b>EKC2.1</b> | 10 unit(s) |  |
| 35                                          | 120         | <b>EKC3.1</b> | 10 unit(s) |  |
| 40                                          | 120         | <b>EKC4.1</b> | 1 unit(s)  |  |
| 41                                          | 120         | <b>EKC5.1</b> | 1 unit(s)  |  |
| 51                                          | 150         | <b>EKC6.1</b> | 1 unit(s)  |  |
| 65                                          | 170         | <b>EKC7.1</b> | 1 unit(s)  |  |

## Spherical ground joints

Lenz. Material: DURAN® glass.

| Spherical ball ground glass joint | Length (mm) | Art. No.      | Pack Qty.  |  |
|-----------------------------------|-------------|---------------|------------|--|
| 13/2                              | 100         | <b>EKC8.1</b> | 10 unit(s) |  |
| 13/5                              | 100         | <b>EKC9.1</b> | 10 unit(s) |  |
| 19                                | 120         | <b>EKE0.1</b> | 10 unit(s) |  |
| 29                                | 120         | <b>EKE1.1</b> | 10 unit(s) |  |
| 35                                | 120         | <b>EKE2.1</b> | 10 unit(s) |  |
| 40                                | 120         | <b>EKE3.1</b> | 1 unit(s)  |  |
| 41                                | 120         | <b>EKE4.1</b> | 1 unit(s)  |  |
| 51                                | 150         | <b>EKE5.1</b> | 1 unit(s)  |  |
| 65                                | 170         | <b>EKE6.1</b> | 1 unit(s)  |  |



## Tubes with standard ground joint

Lenz. Material: DURAN® glass.

### Cones

Acc. to DIN 12249 shape B.

| Standard ground glass joint core | Ø (mm) | Wall thickness (mm) | Length (mm) | Art. No.      | Pack Qty.  |  |
|----------------------------------|--------|---------------------|-------------|---------------|------------|--|
| 14/23                            | 13     | 1,5                 | 130         | <b>TH83.1</b> | 10 unit(s) |  |
| 19/26                            | 17     | 1,8                 | 130         | <b>TH84.1</b> | 10 unit(s) |  |
| 24/29                            | 22     | 1,8                 | 130         | <b>TH85.1</b> | 10 unit(s) |  |
| 29/32                            | 26     | 2,0                 | 130         | <b>TH86.1</b> | 10 unit(s) |  |
| 45/40                            | 40     | 2,3                 | 145         | <b>TH87.1</b> | 10 unit(s) |  |

### Sockets with ground glass joint

Acc. to DIN 12249 shape E.

| Standard ground glass joint sleeve | Ø (mm) | Wall thickness (mm) | Length (mm) | Art. No.      | Pack Qty.  |  |
|------------------------------------|--------|---------------------|-------------|---------------|------------|--|
| 14/23                              | 17     | 1,8                 | 130         | <b>TH88.1</b> | 10 unit(s) |  |
| 19/26                              | 22     | 1,8                 | 130         | <b>TH89.1</b> | 10 unit(s) |  |
| 24/29                              | 28     | 2,0                 | 130         | <b>TH90.1</b> | 10 unit(s) |  |
| 29/32                              | 33     | 2,0                 | 130         | <b>TH91.1</b> | 10 unit(s) |  |
| 45/40                              | 50     | 2,5                 | 145         | <b>TH92.1</b> | 10 unit(s) |  |

# Standard ground components



## Threaded tubes

Lenz. Material: DURAN® glass.

| Thread | Ø (mm) | Wall thickness (mm) | Length (mm) | Art. No. | Pack Qty.  |
|--------|--------|---------------------|-------------|----------|------------|
| GL 14  | 12     | 1,5                 | 100         | TH97.1   | 10 unit(s) |
| GL 18  | 16     | 1,8                 | 100         | TH98.1   | 10 unit(s) |
| GL 25  | 22     | 1,8                 | 100         | TH99.1   | 10 unit(s) |
| GL 32  | 28     | 2,0                 | 140         | TK00.1   | 10 unit(s) |
| GL 45  | 40     | 2,3                 | 180         | TK01.1   | 10 unit(s) |



## Glass tubes

Hecht. Material: Soda-lime glass.

Heat resistant up to approx. 100 °C.

| Ø ext. (mm) | Wall thickness (mm) | Length (mm) | Art. No. | Pack Qty.  |
|-------------|---------------------|-------------|----------|------------|
| 6           | 0,9                 | 500         | CNK8.1   | 12 unit(s) |
| 8           | 0,9                 | 500         | CNK9.1   | 12 unit(s) |
| 10          | 1,0                 | 500         | CNL0.1   | 12 unit(s) |



## Cooling tube

Bohemia. Material: Borosilicate glass 3.3. Autoclavable: Yes.

With ground glass joint.

| Standard ground glass joint core | Length (mm) | Art. No. | Pack Qty. |
|----------------------------------|-------------|----------|-----------|
| 29/32                            | 500         | TP48.1   | 1 unit(s) |
| 29/32                            | 1,000       | TP49.1   | 1 unit(s) |

## Immersion heater with bell

Lenz. Material: DURAN® glass.

To prevent boiling delay.

| Ø (mm) | Length (mm) | Art. No. | Pack Qty. |
|--------|-------------|----------|-----------|
| 4      | 180         | EPX0.1   | 1 unit(s) |



## Gas inlet tubes/boiling capillaries

Lenz. Material: DURAN® glass.

With ground cone and thin duct (for removing from the burner).

### (1) Straight tube

Installation length approx. 200 mm.

| Standard ground glass joint core | Installed length (mm) | Art. No. | Pack Qty. |
|----------------------------------|-----------------------|----------|-----------|
| 14/23                            | 200                   | Y343.1   | 1 unit(s) |
| 19/26                            | 200                   | EPT4.1   | 1 unit(s) |
| 24/29                            | 200                   | EPT5.1   | 1 unit(s) |
| 29/32                            | 200                   | EPT6.1   | 1 unit(s) |

### (2) Straight tube, with valve stopcock and angled connector (90°)

Installation length approx. 150 mm. Connector Ø 8 mm.

| Standard ground glass joint core | Installed length (mm) | Art. No. | Pack Qty. |
|----------------------------------|-----------------------|----------|-----------|
| 14/23                            | 150                   | EPT7.1   | 1 unit(s) |

### (3) Curved tube (90° angle)

Installation length approx. 250 mm. Connector Ø 10 mm.

| Standard ground glass joint core | Installed length (mm) | Art. No. | Pack Qty. |
|----------------------------------|-----------------------|----------|-----------|
| 14/23                            | 250                   | Y344.1   | 1 unit(s) |
| 19/26                            | 250                   | EPT8.1   | 1 unit(s) |
| 24/29                            | 250                   | EPT9.1   | 1 unit(s) |
| 29/32                            | 250                   | Y345.1   | 1 unit(s) |

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