

# ROLLER'S Polo



German Top Quality



Device for reverse bend

**Practical, ultra handy, ultra light compact one-handed pipe bender for soft copper pipes Ø 10–22 mm, Ø 3/8–7/8", s ≤ 1.0 mm, soft jacketed copper pipes Ø 10–18 mm, Ø 3/8–5/8", s ≤ 1.0 mm, soft coated carbon steel pipes of the press fitting systems Ø 12–18 mm, s ≤ 1.2 mm, soft precision steel pipes Ø 10–18 mm, s ≤ 1.0 mm. Multi-layer composite pipes Ø 14–32 mm. (s = wall thickness)**

- For simple and dimensionally accurate bending of soft pipes up to 90°. Universally usable for many pipe types in the fields of sanitary, heating, air conditioning, cooling and hydraulics technologies.
- Bender is amortised after just a few bends by saving on fittings. No costs for fittings, storage, procurement. Saving on pipe unions. Increased safety due to fewer pipe connections.
- Stable, robust drive unit with proven ratchet feed, for the entire working range up to Ø 32 mm.
- Practical multifunction lever for fast feed and fast return for ultra fast working.
- Can be used anywhere, handy, light, drive unit only 0.9 kg.
- Back former support S Ø 10–26 mm, rotatable according to the size of pipe inserted for bending, with back formers for pipes Ø 10–26 mm, 3/8–7/8". Back former support Ø 32 mm with back formers Ø 32 mm pipes. Device for reverse bend on laid pipes up to Ø 26 mm, 7/8" (accessory).
- Dimensionally accurate bending by marked bending formers.
- Fast feed and return.
- High sliding bending formers of high strength, glass fibre reinforced polyamide, easily changeable. See table below.
- Also ideal for thin-walled heating pipes and area heating pipes made of copper according to EN 1057.

Scope of Delivery Art.-No.

### ROLLER'S Polo Set

Up to Ø 26 mm with drive unit, bending formers, back former support S Ø 10–26 mm with back formers, in steel case/carrying case.  
Up to Ø 32 mm with drive unit, bending formers, back former support S Ø 10–26 mm with back formers, back former support Ø 32 mm with back formers, in case.

|                                     |                      |          |
|-------------------------------------|----------------------|----------|
| Set 12-15-18-22                     | 3/8-5/8-3/4-7/8"     | 153025 A |
| Set 12-14-16-18-22                  |                      | 153020 A |
| Set 14-16-20-25/26                  |                      | 153026 A |
| Set 14-16-18-20-25/26               |                      | 153022 A |
| Set Allround 22                     |                      |          |
| 10-12-14-15-16-17-18-20-22          | 3/8-1/2-5/8-3/4-7/8" | 153027 A |
| Set 16-18-20-25/26-32               |                      | 153023 A |
| Set 16-20-25/26-32                  |                      | 153029 A |
| Set Allround 32                     |                      |          |
| 10-12-14-15-16-17-18-20-22-25/26-32 | 3/8-1/2-5/8-3/4-7/8" | 153028 A |

### Accessories

|  |          |
|--|----------|
| <b>ROLLER'S Polo inlay for drive unit</b>  | 153100 A |
| <b>Back former support S Ø 10–26 mm with back formers for pipes Ø 10–26 mm, 3/8–7/8"</b> | 153125 R |
| <b>Back former support Ø 32 mm with back formers for Ø 32 mm pipes</b>                   | 153115 R |
| <b>Device for reverse bend on laid pipes up to Ø 26 mm, 7/8"</b>                         | 153140   |
| <b>Steel case with inlay</b>   | 153265 A |
| <b>Case with inlay</b>   | 153270 A |

| Bending former            | Bending radius mm | Suitable for |      |            |          |   | Art.-No. |
|---------------------------|-------------------|--------------|------|------------|----------|---|----------|
|                           |                   | Cu           | Cu-U | St 10305-U | St 10305 | V |          |
| for pipes Ø mm/inch O.D.  |                   |              |      |            |          |   |          |
| 10, 3/8                   | 30                | •            |      |            | •        |   | 153155 R |
| 12, 10 U, 1/2             | 36                | •            | •    |            | •        |   | 153160 R |
| 14, 12 U                  | 50                | •            |      | •          | •        | • | 153170 R |
| 15, 12 U, 5/8             | 55                | •            | •    |            | •        |   | 153175 R |
| 16, 14 U                  | 55                | •            | •    |            | •        | • | 153180 R |
| 17, 15 U                  | 60                |              |      | •          |          |   | 153185 R |
| 18, 14 U, 15 U, 16 U, 3/4 | 72                | •            | •    |            | •        | • | 153190 R |
| 20, 18 U                  | 79                | •            | •    | •          |          | • | 153195 R |
| 22, 18 U, 7/8             | 86                | •            | •    |            |          |   | 153200 R |
| 25, 26                    | 88                |              |      |            |          | • | 153205 R |
| 32                        | 128               |              |      |            |          | • | 153210 R |

<sup>1)</sup> Bending radius mm at the neutral axis of the bend (DVGW GW 392)  
 Cu: soft copper tubes, also thin-walled  
 St 10305-U: soft coated carbon steel pipes of the pressfitting systems EN 10305-3  
 St 10305: soft precision steel pipes EN 10305-1, EN 10305-2, EN 10305-3  
 U: jacketed  
 V: composite tubes of the pressfitting systems