

ROLLER'S *Polo*



German Top Quality



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

- For simple and dimensionally accurate bending of soft pipes, up to 90°. Also for bridges, doglegs. 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, $\frac{3}{8}$ – $\frac{7}{8}$ ". Back former support Ø 32 mm with back formers Ø 32 mm pipes.
- Device for reverse bending on laid pipes up to Ø 26 mm, $\frac{3}{8}$ " (accessory).
- Angle scale on each bending former for dimensionally accurate bending.
- High sliding bending formers of high strength, glass fibre reinforced polyamide, easily changeable. See page 45.
- Also ideal for thin-walled heating pipes and area heating pipes made of copper according to EN 1057.



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 | $\frac{1}{2} + \frac{3}{8} + \frac{3}{4} + \frac{1}{2}$ " | 153025 A | 359,15 |
| Set 10 + 12 + 15 + 18 + 22 | $\frac{3}{8} + \frac{1}{2} + \frac{3}{8} + \frac{3}{4} + \frac{1}{2}$ " | 153021 A | 375,76 |
| Set 12 + 14 + 16 + 18 + 22 | | 153020 A | 375,76 |
| Set Allround 22 | | | |
| 10 + 12 + 14 + 15 + 16 + 17 + 18 + 20 + 22 | $\frac{3}{8} + \frac{1}{2} + \frac{3}{8} + \frac{3}{4} + \frac{1}{2}$ " | 153027 A | 482,67 |
| Set 14 + 16 + 20 + 25/26 | | 153026 A | 359,15 |
| Set 14 + 16 + 18 + 20 + 25/26 | | 153022 A | 375,76 |
| Set 16 + 20 + 25/26 + 32 | | 153029 A | 570,90 |
| Set 16 + 18 + 20 + 25/26 + 32 | | 153023 A | 607,23 |
| Set Allround 32 | | | |
| 10 + 12 + 14 + 15 + 16 + 17 + 18 + 20 + 22 + 25/26 + 32 | $\frac{3}{8} + \frac{1}{2} + \frac{3}{8} + \frac{3}{4} + \frac{1}{2}$ " | 153028 A | 679,89 |

Accessories

| | | |
|--|------------|--------|
| ROLLER'S Polo inlay for drive unit | 153100 A | 153,62 |
| Back former support S Ø 10–26 mm with back formers for pipes Ø 10–26 mm, $\frac{3}{8}$–$\frac{1}{2}$" | 153125 RX | 61,97 |
| Back former support Ø 32 mm with back formers for Ø 32 mm pipes | 153115 RX2 | 133,38 |
| Device for reverse bending on laid pipes up to Ø 26 mm, $\frac{1}{8}$" | 153140 | 154,66 |
| Steel case with inlay | 153265 A | 55,01 |
| Case with inlay | 153270 A | 107,95 |

| Bending former for pipes Ø mm/inch O.D. | Bending radius mm | Suitable for | | | | | Art.-No. | € |
|---|-------------------------|--------------|------|------------|----------|---|----------|-------|
| | | Cu | Cu-U | St 10305-U | St 10305 | V | | |
| 10, $\frac{3}{8}$ " | 30 | • | • | • | • | • | 153155 R | 32,07 |
| 12, 10 U, $\frac{1}{2}$ " | 36 | • | • | • | • | • | 153160 R | 32,07 |
| 14, 12 U | 50 | • | • | • | • | • | 153170 R | 32,07 |
| 15, 12 U, $\frac{5}{8}$ " | 55 | • | • | • | • | • | 153175 R | 32,07 |
| 16, 14 U | 55 | • | • | • | • | • | 153180 R | 32,07 |
| 17, 15 U | 60 | • | • | • | • | • | 153185 R | 32,07 |
| 18, 14 U, 15 U, 16 U, $\frac{3}{4}$ " | 72 | • | • | • | • | • | 153190 R | 32,07 |
| 20, 18 U | 79 | • | • | • | • | • | 153195 R | 32,07 |
| 22, 18 U, $\frac{1}{2}$ " | 86 | • | • | • | • | • | 153200 R | 32,07 |
| 25, 26 | 88 | • | • | • | • | • | 153205 R | 32,07 |
| 32 | 128 | • | • | • | • | • | 153210 R | 60,20 |

¹⁾ Bending radius: mm at the neutral axis of the bend (DVGW GW 392)

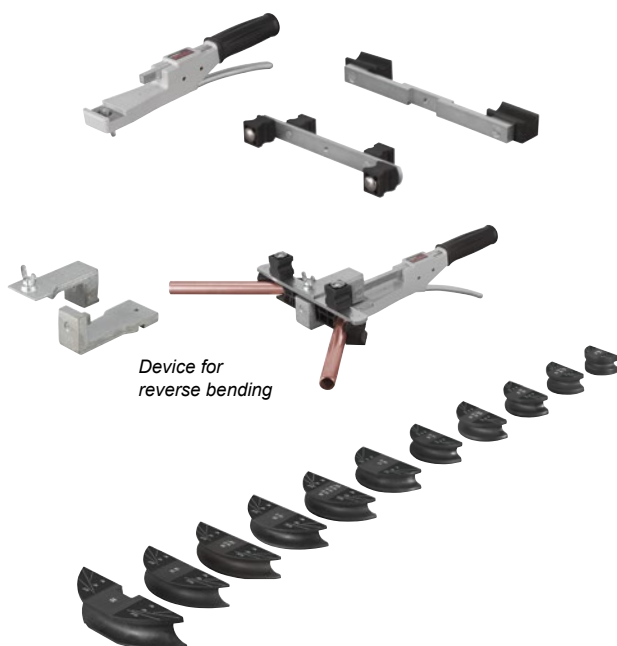
Cu: soft copper tubes, also thin-walled

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



Device for
reverse bending