

## ROLLER'S *Polo*

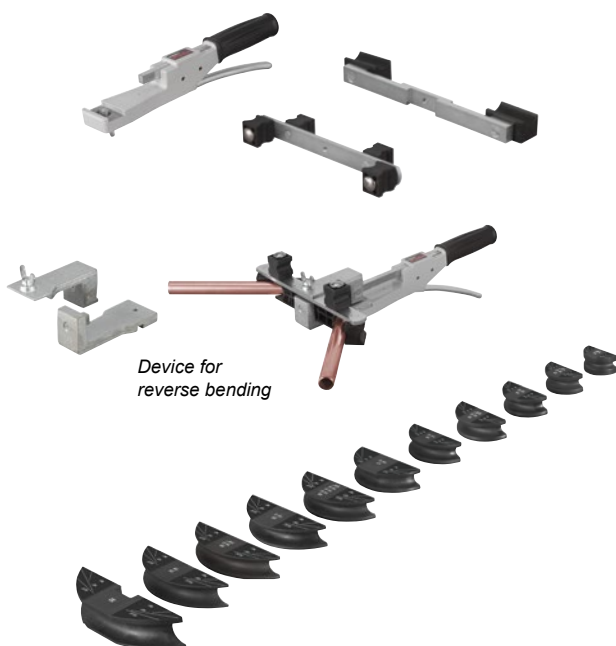


German Top Quality



**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.



Device for reverse bending

## 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.

<b>Set 12 + 15 + 18 + 22</b>	$\frac{1}{2} + \frac{3}{8} + \frac{3}{4} + \frac{1}{2}$ "	153025 A	<b>396,00</b>
<b>Set 10 + 12 + 15 + 18 + 22</b>	$\frac{3}{8} + \frac{1}{2} + \frac{3}{8} + \frac{3}{4} + \frac{1}{2}$ "	153021 A	<b>414,00</b>
<b>Set 12 + 14 + 16 + 18 + 22</b>		153020 A	<b>414,00</b>
<b>Set Allround 22</b>			
<b>10 + 12 + 14 + 15 + 16 + 17 + 18 + 20 + 22</b>	$\frac{3}{8} + \frac{1}{2} + \frac{3}{8} + \frac{3}{4} + \frac{1}{2}$ "	153027 A	<b>540,00</b>
<b>Set 14 + 16 + 20 + 25/26</b>		153026 A	<b>396,00</b>
<b>Set 14 + 16 + 18 + 20 + 25/26</b>		153022 A	<b>414,00</b>
<b>Set 16 + 20 + 25/26 + 32</b>		153029 A	<b>630,00</b>
<b>Set 16 + 18 + 20 + 25/26 + 32</b>		153023 A	<b>670,00</b>
<b>Set Allround 32</b>			
<b>10 + 12 + 14 + 15 + 16 + 17 + 18 + 20 + 22 + 25/26 + 32</b>	$\frac{3}{8} + \frac{1}{2} + \frac{3}{8} + \frac{3}{4} + \frac{1}{2}$ "	153028 A	<b>750,00</b>

### Accessories

<b>ROLLER'S Polo inlay for drive unit</b>	153100 A	169,00
<b>Back former support S Ø 10–26 mm with back formers for pipes Ø 10–26 mm, <math>\frac{3}{8}</math>–<math>\frac{1}{2}</math>"</b>	153125 RX	68,20
<b>Back former support Ø 32 mm with back formers for Ø 32 mm pipes</b>	153115 RX2	147,00
<b>Device for reverse bending on laid pipes up to Ø 26 mm, <math>\frac{1}{8}</math>"</b>	153140	171,00
<b>Steel case with inlay</b>	153265 A	60,60
<b>Case with inlay</b>	153270 A	119,00

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	35,30
12, 10 U, $\frac{1}{2}$ "	36	•	•		•		153160 R	35,30
14, 12 U	50	•		•	•		153170 R	35,30
15, 12 U, $\frac{5}{8}$ "	55	•	•		•		153175 R	35,30
16, 14 U	55	•	•		•	•	153180 R	35,30
17, 15 U	60			•		•	153185 R	35,30
18, 14 U, 15 U, 16 U, $\frac{3}{4}$ "	72	•	•		•	•	153190 R	35,30
20, 18 U	79	•	•	•		•	153195 R	35,30
22, 18 U, $\frac{1}{2}$ "	86	•	•				153200 R	35,30
25, 26	88					•	153205 R	35,30
32	128					•	153210 R	66,30

<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