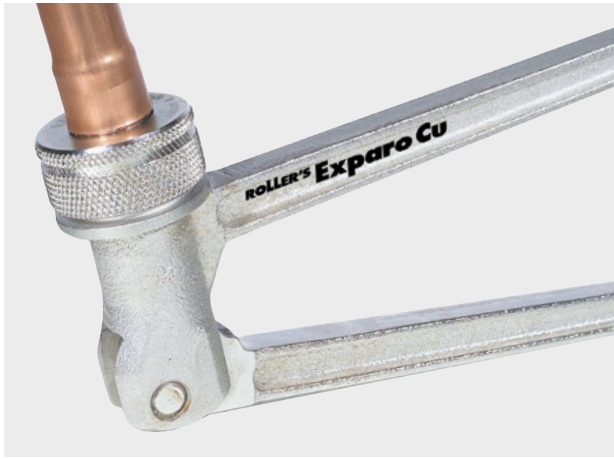


ROLLER'S *Exparo Cu*



German Top Quality



Robust, stable manual tube expander for soft copper tubes Ø 8–42 mm, Ø 3/8–1 1/8", wall thickness up to 1.5 mm, soft aluminium and precision steel tubes Ø 8–42 mm, wall thickness up to 1.2 mm, soft, stainless steel tubes Ø 8–42 mm, wall thickness up to 1 mm.

- No costs for fittings, storage, procurement. Saving on solder points.
- Torsion-free, force transmitting expanding tongs for easy expanding.
- Hexagonal expanding mandrel for even centric expanding.
- Expander head with long, stable formers for perfect tube connection according to DVGW. Add-on for calibrating tube ends.

Scope of Delivery Art.-No. €

ROLLER'S *Exparo Cu* set

Expanding tongs Cu, ROLLER'S expanding heads Cu, in steel case.

| | | |
|---------------------------|----------|---------------|
| Set 12+15+18+22 | 150000 A | 496,00 |
| Set 15+18+22+28 | 150006 A | 520,00 |
| Set 12+14+16+18+22 | 150010 A | 580,00 |

Other sets available on request.

Accessories

ROLLER'S expander heads Cu (also fit in ROLLER'S Exparo Cu 22V ACC and suitable expanding tongs of other makes)

| | | |
|----------|----------|--------|
| Ø 8 mm | 150100 A | 68,60 |
| Ø 10 mm | 150105 A | 68,60 |
| Ø 12 mm | 150110 A | 68,60 |
| Ø 14 mm | 150120 A | 68,60 |
| Ø 15 mm | 150125 A | 68,60 |
| Ø 16 mm | 150130 A | 68,60 |
| Ø 18 mm | 150140 A | 68,60 |
| Ø 20 mm | 150145 A | 96,00 |
| Ø 22 mm | 150150 A | 68,60 |
| Ø 24 mm | 150155 A | 110,00 |
| Ø 25 mm | 150160 A | 96,00 |
| Ø 26 mm | 150165 A | 82,20 |
| Ø 28 mm | 150170 A | 82,20 |
| Ø 30 mm | 150175 A | 110,00 |
| Ø 32 mm | 150180 A | 82,20 |
| Ø 34 mm | 150185 A | 110,00 |
| Ø 35 mm | 150190 A | 110,00 |
| Ø 36 mm | 150195 A | 110,00 |
| Ø 40 mm | 150205 A | 110,00 |
| Ø 42 mm | 150210 A | 96,00 |
| Ø 3/8" | 150220 R | 68,60 |
| Ø 1/2" | 150225 R | 68,60 |
| Ø 5/8" | 150230 R | 68,60 |
| Ø 3/4" | 150235 R | 82,20 |
| Ø 7/8" | 150240 R | 82,20 |
| Ø 1" | 150245 R | 96,00 |
| Ø 1 1/8" | 150250 R | 96,00 |

| | | |
|------------------------------------|----------|--------|
| ROLLER'S expanding tongs Cu | 150500 A | 192,00 |
| Steel case with inlay | 150600 A | 58,40 |

ROLLER'S *Rotaro H*



German Top Quality



Robust, stable tube neck expander for copper tubes Ø 10–22 mm, wall thickness up to 1.5 mm.

- For simple production of T-outlets for tube installation without fittings.
- No costs for fittings, storage, procurement. Saving on solder points.

Scope of Delivery Art.-No. €

ROLLER'S *Rotaro H* set

Tool holder, drill head, cam tongs, lubricant. Neck expanding tool for tubes Ø mm, in case.

| | | |
|---------------------------|----------|---------------|
| Set 12+15+18+22 | 151003 A | 590,00 |
| Set 12+14+16+18+22 | 151004 A | 650,00 |

Accessories

| | | |
|---|--------------|--------|
| Neck expanding tools | See page 151 | |
| ROLLER'S Rotaro drive unit with stabiliser | 151402 A220 | 394,00 |
| Tool holder | 151200 A | 90,50 |
| Drill head | 151210 AIN | 136,00 |
| Cam tongs | 151230 R | 43,00 |
| Gripping tongs for fixing the tool holder | 076117 | 117,00 |
| Ratchet 1/2 | 074021 | 81,40 |
| Allen key insert 11 | 074041 | 8,30 |
| Lubricant (can) | 151240 | 10,00 |
| Case with inlay | 151618 A | 57,30 |