

Expanding Extracting



Hand tube expander

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Cordless tube expander

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Hand tube extractor

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**Electric tube extractor
Electric tube expander**

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REMS Ex-Press Cu

Hand tube expander

Proven quality tool for expanding and calibrating tubes.

| | |
|---|---|
| Soft copper tubes | Ø 8–42 mm Ø 3/8–1 1/8" s ≤ 1.5 mm |
| Soft aluminium tubes, soft precision steel tubes | Ø 8–42 mm Ø 3/8–1 1/8" s ≤ 1.2 mm |
| Soft stainless steel tubes | Ø 8–42 mm Ø 3/8–1 1/8" s ≤ 1 mm |

REMS Ex-Press Cu – for making sockets yourself. 6-face mandrel for even and concentric expanding. Extra long sockets according to DVGW. Expander heads with calibration neck, fit other makes as well.

Cost advantage

No costs for fittings, storage, procurement. Savings in soldering joints, soldering material and working hours. Using up pipe pieces to provide sockets.

Execution

Robust quality tool. Torsion-free, power-transmitting expander levers with ergonomically designed handles, for effortless expanding. 6-face mandrel for even and concentric expanding. Long mandrel guidance, spring-loaded mandrel release.

Expander heads

Quick-change. Extra long expander heads result in extra long sockets for perfect pipe connections according to DVGW. Special neck at expander head specially for calibration of deformed pipe ends.



German Quality Product

Supply format

REMS Ex-Press Cu Set. Hand tube expander Ø 8–42 mm, Ø 3/8–1 1/8". Soft copper tubes Ø 8–42 mm, Ø 3/8–1 1/8", s ≤ 1.5 mm, soft aluminium tubes and soft steel precision tubes Ø 8–42 mm, Ø 3/8–1 1/8", s ≤ 1.2 mm, soft stainless steel tubes Ø 8–42 mm, Ø 3/8–1 1/8", s ≤ 1 mm. Expander drive. Choice of expander heads for pipes in mm or inch. In sturdy steel case.

| Description | Art.-No. |
|--------------------------------|----------|
| Set 12-15-18-22 | 150000 |
| Set 12-15-22-28 | 150005 |
| Set 15-18-22-28 | 150006 |
| Set 12-15-18-22-28 | 150007 |
| Set 12-14-16-18-22 | 150010 |
| Set 3/8-1/2-5/8-3/4-7/8-1 1/8" | 150017 |
| Set 1/2-5/8-7/8-1 1/8" | 150018 |
| Set 3/8-1/2-5/8-7/8" | 150019 |
| Set 3/8-1/2-5/8-3/4-7/8-1" | 150020 |



Accessories

| Description | Pipes Ø mm/inch | Art.-No. |
|---|--------------------|----------|
| Expander head Cu (fit expander drives of other makes also) | 8 | 150100 |
| | 10 | 150105 |
| | 12 | 150110 |
| | 14 | 150120 |
| | 15 | 150125 |
| | 16 | 150130 |
| | 18 | 150140 |
| | 20 | 150145 |
| | 22 | 150150 |
| | 24 | 150155 |
| | 25 | 150160 |
| | 26 | 150165 |
| | 28 | 150170 |
| | 30 | 150175 |
| | 32 | 150180 |
| | 34 | 150185 |
| | 35 | 150190 |
| | 36 | 150195 |
| | 40 | 150205 |
| | 42 | 150210 |
| 3/8" | 150220 | |
| 1/2" | 150225 | |
| 5/8" | 150230 | |
| 3/4" | 150235 | |
| 7/8" | 150240 | |
| 1" | 150245 | |
| 1 1/8" | 150250 | |
| Expander drive Cu | | 150500 |
| Steel case with insert | | 150600 |



REMS Ex-Press H

Hand tube expander

Robust, compact quality tool for expanding tubes.

PEX tubes Serie S 5 according to ISO 4065 Ø 12–40 mm

REMS Ex-Press H – universal up to Ø 40 mm.

Robust, compact quality tool. Super light, only 0.7 kg.

Stepped mandrels for expanding several tube dimensions, no tool change required.

Torsion-free, leveraged expander tool for effortless expanding.



German Quality Product

Supply format

REMS Ex-Press H. Manual tube expander for PEX tubes Serie S 5 according to ISO 4065 Ø 12–40 mm. In cardboard box.

| | | |
|--|----------|--|
| | Art.-No. | |
| | 150550 | |



REMS Ex-Press P

Hand tube expander

Proven quality tool for expanding tubes.

Plastic tubes, multi-layer composite tubes Ø 12–32 mm

REMS Ex-Press P – for expanding tubes. Conical mandrel for even and concentric expanding.

Execution

Robust quality tool. Torsion-free, power-transmitting expander levers with ergonomically designed handles, for effortless expanding. Conical mandrel (taper angle 18°) for even and concentric expanding. Long mandrel guidance, spring-loaded mandrel release.

Expander heads

Complete assortment of REMS expander heads P for all common compression sleeve systems (page 134). Quickly interchangeable, without tools. The REMS expander heads are system-specific and comply with the requirements of the respective compression sleeve system. Thus perfect system-conformity, exact expanding.



German Quality Product

Supply format

REMS Ex-Press P Set. Hand tube expander for plastic tubes and multi-layer composite tubes Ø 12–32 mm. Expander drive P. Expander heads P for tubes in mm. In sturdy steel case.

| Description | Compr. sleeve system | Art.-No. |
|---------------------------|--------------------------|----------|
| Set AT 16-20-25 | aquatherm SHT | 150021 |
| Set IV 16-20-25 | IVT PRINETO, Würth | 150026 |
| Set KE 16-20-25 | KELIT waterflex | 150032 |
| Set RO VA 16-20-25 | ROTEX | 150023 |
| Set SH 16-20-25 PEX/THERM | SHELL PEX/ THERM PLUS | 150024 |
| Set SH 16-20-25 ALU PLUS | SHELL ALU PLUS | 150031 |
| Set TC 16-18/20-25 | TECE TECEflex | 150025 |
| Set TC 16-20L-25 | TECE TECEflex | 150030 |

System-specific and/or national differences of the wall thickness (s) of tubes need to be considered selecting expander heads, see table page 134.

Accessories

| Description | Art.-No. |
|------------------------------------|----------|
| Expander heads see page 134. | |
| Expander drive P (taper angle 18°) | 150510 |
| Steel case with insert | 150600 |

e.g.
aquatherm
KE KELIT
IVT
Prandelli
REHAU
REVEL
ROTEX
SHELL
TECE
Würth



Choose expander heads yourself!

Search for the required compression sleeve system in the table below and select the correct expander heads.

REMS expander heads P

Complete assortment of REMS expander heads P for all common compression sleeve systems. Quickly interchangeable, without tools. The REMS expander heads are system-specific and comply with the requirements of the respective compression sleeve system. Thus perfect system-conformity, exact expanding. Drive through REMS Ax-Press 15 drive unit with expanding adapter P, REMS expander P (taper angle 18°) and through suitable expanders of other makes.

| Compression sleeve system | Expander head P Ø x s | Art.-No. | |
|--|-----------------------|----------|---|
| aquatherm SHT | AT 16 x 2 | 150842 | |
| | AT 20 x 2 | 150882 | |
| | AT 25 x 2.3 | 150912 | |
| | AT 32 x 2.9 | 150951 | |
| IVT PRINETO | IV 16 x 2.2 | 150845 | |
| | IV 20 x 2.8 | 150885 | |
| | IV 25 x 3.5 | 150914 | |
| | IV 32 x 4.4 | 150943 | |
| KELIT waterflex | KE 16 x 2.2 | 150859 | |
| | KE 20 x 2.8 | 150898 | |
| | KE 25 x 3.5 | 150920 | |
| Prandelli Plus | TC 16 | 150855 | |
| | TC 18/20 | 150894 | |
| REHAU | on request | | |
| REVEL | RH HIS 16 x 2.2 | 150849 | |
| | RH HIS 20 x 2.8 | 150888 | |
| | RH HIS 25 x 3.5 | 150916 | |
| | RH HIS 32 x 4.4 | 150945 | |
| ROTEX | RO VA 12 x 2 | 150814 | |
| | RO VA 16 x 2.2 | 150851 | |
| | RO VA 20 x 2.8 | 150890 | |
| | RO VA 25 x 3.5 | 150918 | |
| | RO VA 32 x 4.4 | 150919 | |
| SCHELL PEX, SCHELL THERM PLUS | SH 16 x 2.2 PEX/THERM | 150853 | |
| | SH 20 x 2.8 PEX/THERM | 150892 | |
| | SH 25 x 3.5 PEX/THERM | 150921 | |
| | SH 32 x 4.4 PEX/THERM | 150949 | |
| SCHELL ALU PLUS | SH 16 x 2.2 ALU PLUS | 150854 | |
| | SH 20 x 2.8 ALU PLUS | 150893 | |
| | SH 25 x 3.5 ALU PLUS | 150922 | |
| TECE TECEflex | TC 12/14 | 150826 | for TECEflex multi-layer composite tube MV 14 and TECEflex-PE-X-tube Ø 12x1.1 mm / Ø 14x2.0 mm |
| | TC 16 | 150855 | for TECEflex multi-layer composite tube MV 16 and TECEflex-PE-X-tube Ø 16x1.5 mm / Ø 16x2.0 mm / Ø 16x2.2 mm |
| | TC 18/20 | 150894 | for TECEflex multi-layer composite tube MV 20 (Ø 20x2.8 mm) and TECEflex-PE-X-tube Ø 18x2.0 mm / Ø 20x2.8 mm |
| | TC 20 L | 150895 | for TECEflex multi-layer composite tube MV 20 L (Ø 20x2.0 mm) and TECEflex-PE-X-tube 20 L (Ø 20x1.9 mm / Ø 20x2.0 mm) |
| | TC 25 | 150923 | for TECEflex multi-layer composite tube MV 25 and TECEflex-PE-X-tube Ø 25x3.5 mm |
| | TC 32 | 150950 | for TECEflex multi-layer composite tube MV 32 |
| | | | |
| Würth | IV 16 x 2.2 | 150845 | |
| | IV 20 x 2.8 | 150885 | |
| | IV 25 x 3.5 | 150914 | |
| | IV 32 x 4.4 | 150943 | |



System-specific and/or national differences of the wall thickness (s) of tubes need to be considered selecting expander heads. REMS expander heads P for additional compression sleeve systems on request.

REMS Akku-Ex-Press Q & E

Cordless tube expander

Compact, handy electric tool for fast, easy expanding of tubes/coils of the Uponor Quick & Easy system. For battery and corded operation.

Expanding Ø 16–40 mm

Fast and easy electric expanding.

For battery and corded operation.

REMS Akku-Ex-Press Q & E – up to Ø 40 mm.

REMS Akku-Ex-Press Mini Q & E – up to Ø 32 mm.

Expander heads

Large expanding capacity up to Ø 40 mm. Automatic, gradual expansion until reaching the given end position which is determined by the expander head. Use of original Uponor Quick & Easy expander heads, manual and hydraulic.

Execution

Compact, handy, light. Drive unit Akku-Ex-Press Mini Q & E with battery Li-Ion only 2.3 kg. Drive unit Akku-Ex-Press Q & E with battery Li-Ion only 3.7 kg. Works anywhere, free-hand, overhead, in confined areas. Optimum weight distribution for single-hand operation. Ergonomically shaped housing with recessed grip. For battery and corded operation.

Drive

High pressing force for fast, perfect expanding. Powerful electro-hydraulic drive with automatic retraction, with powerful battery motor 12 V, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system. Akku-Ex-Press Q & E 270 W output. Akku-Ex-Press Mini Q & E 290 W output. Safety tip switch.

Battery or mains operation

Ni-Cd-Technology: Battery Ni-Cd 12 V, 1.3 Ah or battery Ni-Cd 12 V, 2.0 Ah, for a large number of pressings. Rapid charger for short charging times (1 h). Pulse charging technique reduces memory effect for maximum battery performance. Voltage supply Ni-Cd 230 V for mains operation instead of battery Ni-Cd 12 V, as accessory.

Li-Ion-Technology: Battery Li-Ion 14.4 V, 1.3 Ah or battery Li-Ion 14.4 V, 2.2 Ah. 20 % faster than Ni-Cd 12 V. Low weight. High energy density for approx. 50 % more expansions. Overheating and overloading protection by temperature monitor (NTC). Rapid charger for short charging times (1 h). No memory effect for maximum battery performance. Voltage supply Li-Ion 230 V for mains operation instead of battery Li-Ion 14.4 V, as accessory.



German Quality Product

Supply format

REMS Akku-Ex-Press Mini Q & E Basic-Pack. Cordless tube expander for expanding tubes/coils of the Uponor Quick & Easy system up to Ø 32 mm. Electro-hydraulic drive with automatic retraction, with powerful battery motor 12 V, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system. Safety tip switch. Battery, Rapid charger Li-Ion/Ni-Cd 230 V or 110 V, 50–60 Hz, 65 W. Without expander heads. In sturdy steel case.

| | Art.-No. | |
|--|----------|--|
| REMS Akku-Ex-Press Mini Q & E Ni-Cd Basic-Pack battery motor 12 V, 290 W, battery Ni-Cd 12 V, 1,3 Ah | 575012 | |
| REMS Akku-Ex-Press Mini Q & E Li-Ion Basic-Pack battery motor 14,4 V, 420 W, battery Li-Ion 14,4 V, 1,3 Ah | 575015 | |



Supply format

REMS Akku-Ex-Press Q & E Basic-Pack. Cordless tube expander for expanding tubes/coils of the Uponor Quick & Easy system up to Ø 40 mm. Electro-hydraulic drive with automatic retraction, with powerful battery motor 12 V, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system. Safety tip switch. Battery, Rapid charger Li-Ion/Ni-Cd 230 V or 110 V, 50–60 Hz, 65 W. Without expander heads. In sturdy steel case.

| | Art.-No. | |
|---|----------|--|
| REMS Akku-Ex-Press Q & E Ni-Cd Basic-Pack battery motor 12 V, 270 W, battery Ni-Cd 12 V, 2,0 Ah | 575011 | |
| REMS Akku-Ex-Press Q & E Li-Ion Basic-Pack battery motor 14,4 V, 380 W, battery Li-Ion 14,4 V, 2,2 Ah | 575014 | |

Note assembly instructions of system supplier. Battery tube expander for other systems on request. Other voltages on request.



Accessories

| Description | Art.-No. | |
|---|----------|--|
| Battery Ni-Cd 12 V, 1.3 Ah | 571513 | |
| Battery Ni-Cd 12 V, 2.0 Ah | 571510 | |
| Battery Li-Ion 14,4 V, 1,3 Ah | 571540 | |
| Battery Li-Ion 14,4 V, 2,2 Ah | 571550 | |
| Rapid charger Li-Ion/Ni-Cd 230 V or 110 V, 50–60 Hz, 65 W | 571560 | |
| Voltage supply Ni-Cd 230 V | 571535 | |
| Voltage supply Li-Ion 230 V | 571565 | |
| Steel case with insert | 573280 | |



REMS Hurrican H

Hand tube extractor

Economic manual tool for efficiently making T-branches for pipe installations without fittings.

Hard and soft copper tubes \varnothing 10–22 mm
 \varnothing $\frac{3}{8}$ – $\frac{7}{8}$ "
 $s \leq 1.5$ mm

REMS Hurrican H – for making T-branches yourself. Inexpensive. Also on tubes already installed.

System advantage

Only **one** type of extractor tools for REMS Hurrican H, REMS Hurrican and REMS Twist/Hurrican. Simple, inexpensive storage. No confusion possible.

Cost advantage

No costs for T-pieces, storage, procurement. Savings in soldering joints, pressing joints and working hours. Higher safety by fewer tube joints.

Execution

Compact, handy, light. Can be used anywhere, free-hand, on pipes already installed. Drill head provides precise drilling without punching with any standard power drill. Drill depth-stop according to the size of T-branch. Tool holder for holding the extractor tools. Limitation of insertion depth to avoid obstruction by using the dimpling pliers. Handy grip wrench for clamping the tool holder onto the pipe.

Extractor tools

Special design of extractor tools facilitate even and smooth material deformation without burrs and notches. Therefore no secondary treatment required.

Drive

With standard ratchet and hexagon socket 11 mm or with spanner. Electric operation possible by purchasing REMS Twist/Hurrican drive unit.



German Quality Product

Supply format

REMS Hurrican H Set. Hand tube extractor for hard and soft copper tubes \varnothing 10–22 mm, \varnothing $\frac{3}{8}$ – $\frac{7}{8}$ ", $s \leq 1.5$ mm. Tool holder, drill head, dimpling pliers, lubricant. Extractor tools for tubes in mm or inch. In sturdy case.

| Description | Art.-No. |
|---|----------|
| Set 12-15-18-22 | 151003 |
| Set 12-14-16-18-22 | 151004 |
| Set $\frac{3}{8}$-$\frac{1}{2}$-$\frac{5}{8}$-$\frac{3}{4}$-$\frac{7}{8}$ | 151005 |



Accessories

| Description | Tubes \varnothing mm/inch | Art.-No. |
|---|-----------------------------|----------|
| Extractor tool | 10 | 151105 |
| | 12 | 151110 |
| | 14 | 151120 |
| | 15 | 151125 |
| | 16 | 151130 |
| | 18 | 151140 |
| | 20 | 151145 |
| | 22 | 151150 |
| | $\frac{3}{8}$ " | 151155 |
| | $\frac{1}{2}$ " | 151160 |
| | $\frac{5}{8}$ " | 151165 |
| $\frac{3}{4}$ " | 151170 | |
| $\frac{7}{8}$ " | 151175 | |
| REMS Twist/Hurrican drive unit | | 151400 |
| Grip wrench for clamping the tool holder | | 076117 |
| Ratchet $\frac{1}{2}$" | | 074021 |
| Hexagon socket 11 mm | | 074041 |
| Lubricant (tin) | | 151240 |



REMS Hurrican

Electric tube extractor

Powerful, compact electric tool for efficient machining of T-branches of hard and soft tubes for tube installations without fittings.

Hard and soft copper tubes \varnothing 10–22 mm
 \varnothing $\frac{3}{8}$ – $\frac{7}{8}$ "
 $s \leq 1.5$ mm

REMS Hurrican – for making T-branches yourself. Inexpensive. Also on tubes already installed.

System advantage

Only one type of extractor tools for REMS Hurrican H, REMS Hurrican and REMS Twist/Hurrican. Simple, inexpensive storage. No confusion possible.

Cost advantage

No costs for T-branches, storage, procurement. Savings in soldering joints, soldering material and working hours. Higher safety by fewer tube joints.

Execution

Compact, handy, light. Can be used anywhere, free-hand, on pipes already installed. Drill head provides precise drilling without punching with any standard power drill. Drill depth-stop according to the size of T-branch. Tool holder for holding the extractor tools. Limitation of insertion depth to avoid obstruction by using the dimpling pliers. Handy grip wrench for clamping the tool holder onto the pipe.

Drive

Proven drive unit with hexagon mount. Enormously powerful. Handy, light, only 2 kg. Can be used anywhere, free-hand, also on pipes already installed. Robust, maintenance-free gear with safety slipping clutch. Universal motor, 230 V, high-torque forward and reverse at low speed. Stepless, electronic speed control. The speed between 0 and 550 rpm is controlled by pressing the tip switch steplessly (acceleration switch).

Extractor tools

Special design of extractor tools facilitate even and smooth material deformation without burrs and notches. Therefore no secondary treatment required.

REMS Twist/Hurrican

Space and weight-saving combination set for efficient production of T-branches and for efficient cold-expanding of hard and soft tubes for installations without fittings. Only one drive unit for expanding and extracting tools. Price advantage! See page 139.



German Quality Product



Supply format

REMS Hurrican Set. Electric tube extractor for hard and soft copper tube \varnothing 10–22 mm, \varnothing $\frac{3}{8}$ – $\frac{7}{8}$ ", $s \leq 1.5$ mm. Drive unit with hexagon mount, maintenance-free gear, universal motor 230 V or 110 V, 50–60 Hz, 620 W. High torque at low speed, left and right-hand rotation. Safety tip switch. Stepless, electronic speed control (acceleration switch). Drive holder. Tool holder, drill head, dimpling pliers, lubricant. Extractor tools for pipes in mm or inch. In sturdy steel case.

| Description | Art.-No. |
|---|----------|
| Set 12-15-18-22 | 151000 |
| Set 12-14-16-18-22 | 151010 |
| Set $\frac{3}{8}$ - $\frac{1}{2}$ - $\frac{5}{8}$ - $\frac{3}{4}$ - $\frac{7}{8}$ | 151002 |

Other voltages on request.



Accessories

| Description | Tubes \varnothing mm/inch | Art.-No. |
|--------------------------------|-----------------------------|----------|
| Extractor tool | 10 | 151105 |
| | 12 | 151110 |
| | 14 | 151120 |
| | 15 | 151125 |
| | 16 | 151130 |
| | 18 | 151140 |
| | 20 | 151145 |
| | 22 | 151150 |
| | $\frac{3}{8}$ " | 151155 |
| | $\frac{1}{2}$ " | 151160 |
| | $\frac{5}{8}$ " | 151165 |
| | $\frac{3}{4}$ " | 151170 |
| | $\frac{7}{8}$ " | 151175 |
| REMS Twist/Hurrican drive unit | | 151400 |
| Tool holder | | 151200 |
| Drill head | | 151210 |
| Dimpling pliers | | 151230 |
| Lubricant (tin) | | 151240 |



Powerful, compact electric tool for efficient cold-expanding of hard and soft tubes for pipe installations without fittings.

| | |
|----------------------------|------------|
| Hard and soft copper tubes | Ø 12–22 mm |
| | Ø 3/8–7/8" |
| | s ≤ 1 mm |

REMS Twist – for making sockets yourself.

Cold-expanding of hard copper pipes.

Cost advantage

No costs for annealing hard copper tubes, for deburring and cleaning, for fittings, storage, procurement. Savings in soldering joints, soldering material and working hours. Higher safety by fewer tube joints. Using up tube pieces to make sockets.

Execution

Compact, robust, job site-proven. Simple and fast working free-hand, at vice or workbench. No adjustments. Integrated clamping device provides safe support against torque in both directions.

Drive

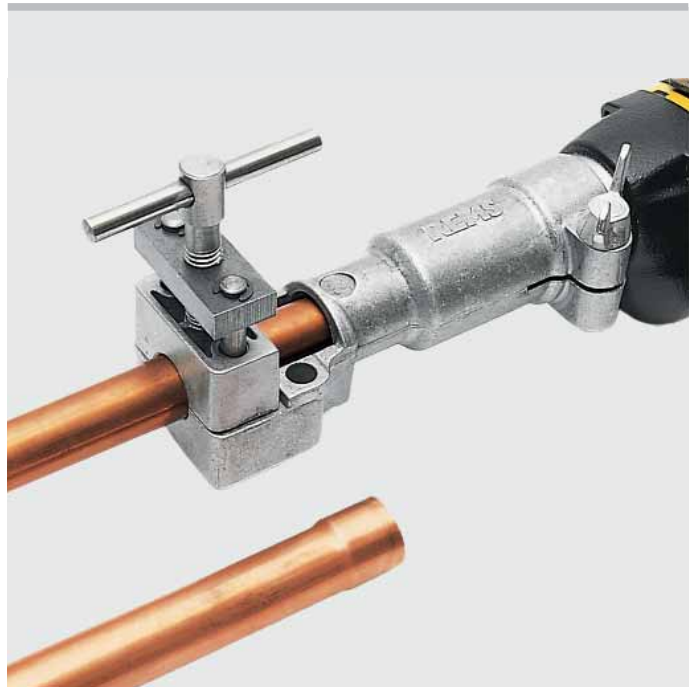
Proven drive unit with hexagon mount. Enormously powerful. Handy, light, only 2 kg. Can be used anywhere, free-hand, also on pipes already installed. Robust, maintenance-free gear with safety slipping clutch. Universal motor, 620 W, high-torque forward and reverse at low speed. Stepless, electronic speed control. The speed between 0 and 550 rpm is controlled by pressing the tip switch steplessly (acceleration switch).

Expander tools

One quick-changing expander tool of each tube size with rotating mandrel for easy expanding and smooth operation. Without annealing, standard socket in just a few seconds, extra long.

REMS Twist/Hurricane

Space and weight-saving combination set for efficient production of T-branches and for efficient cold-expanding of hard and soft tubes for installations without fittings. Only one drive unit for expanding and extracting tools. Price advantage! See page 139.



German Quality Product

Supply format

REMS Twist Set. Electric tube expander for hard and soft copper tubes Ø 12–22 mm, Ø 3/8–7/8", s ≤ 1 mm. Drive unit with hexagon mount, maintenance-free gear, universal motor 230 V or 110 V, 50–60 Hz, 620 W. High torque at low speed, left and right-hand rotation. Safety tip switch. Stepless, electronic speed control (acceleration switch). Drive holder. Lubricant. Expander tools for mm or inch. In sturdy steel case.

| Description | Art.-No. |
|-------------------------|----------|
| Set 12-15-18-22 | 156000 |
| Set 12-14-16-18-22 | 156002 |
| Set 3/8-1/2-5/8-3/4-7/8 | 156004 |

Other voltages on request.

Accessories

| Description | Tubes Ø mm/inch | Art.-No. |
|--|--------------------|----------|
| Expander tool | 12 | 156150 |
| | 14 | 156200 |
| | 15 | 156225 |
| | 16 | 156250 |
| | 18 | 156300 |
| | 22 | 156350 |
| | 3/8" | 156375 |
| | 1/2" | 156400 |
| | 5/8" | 156425 |
| | 3/4" | 156450 |
| 7/8" | 156475 | |
| REMS Twist/Hurricane drive unit | | 151400 |
| Lubricant (tin) | | 151240 |



REMS Twist/Hurrican

Electric tube extractor
Electric tube expander

Powerful, compact electric tool for efficient machining of T-branches and for efficient cold-expanding of hard and soft tubes for tube installations without fittings.

Extracting:
Hard and soft copper tubes \varnothing 10–22 mm
 \varnothing $\frac{3}{8}$ – $\frac{7}{8}$ "
 $s \leq 1.5$ mm

Expanding:
Hard and soft copper tubes \varnothing 12–22 mm
 \varnothing $\frac{3}{8}$ – $\frac{7}{8}$ "
 $s \leq 1$ mm

REMS Hurrican for making T-branches yourself. Inexpensive. Also on tubes already installed.

REMS Twist for making sockets yourself. Cold-expanding of hard copper tubes.

Space and weight saving combi set. Only one drive unit for expander and extractor tools. Price advantage!

Description see REMS Hurrican and REMS Twist (page 137–138).



German Quality Product

Supply format

REMS Twist/Hurrican Combi Set. Electric tube expander and electric tube extractor for hard and soft copper tubes. Expanding \varnothing 12–22 mm, \varnothing $\frac{3}{8}$ – $\frac{7}{8}$ ", $s \leq 1$ mm, extracting \varnothing 10–22 mm, \varnothing $\frac{3}{8}$ – $\frac{7}{8}$ ", $s \leq 1.5$ mm. Drive unit with hexagon mount, maintenance-free gear, universal motor 230 V or 110 V, 50–60 Hz, 620 W. High torque at low speed, left and right-hand rotation. Stepless, electronic safety switch. Drive holder. Tool holder, drill head, dimpling pliers, lubricant. Choice of expander and extractor tools for pipes in mm or inch. In sturdy steel case.

| Description | Art.-No. |
|---|----------|
| Set 12-15-18-22 | 156010 |
| Set 12-14-16-18-22 | 156012 |
| Set $\frac{3}{8}$ - $\frac{1}{2}$ - $\frac{5}{8}$ - $\frac{3}{4}$ - $\frac{7}{8}$ | 156014 |



Accessories

| Description | Tubes \varnothing mm/inch | Art.-No. |
|---------------------------------------|--------------------------------|----------|
| Expander tool | 12 | 156150 |
| | 14 | 156200 |
| | 15 | 156225 |
| | 16 | 156250 |
| | 18 | 156300 |
| | 22 | 156350 |
| | $\frac{3}{8}$ " | 156375 |
| | $\frac{1}{2}$ " | 156400 |
| | $\frac{5}{8}$ " | 156425 |
| | $\frac{3}{4}$ " | 156450 |
| $\frac{7}{8}$ " | 156475 | |
| Extractor tool | 10 | 151105 |
| | 12 | 151110 |
| | 14 | 151120 |
| | 15 | 151125 |
| | 16 | 151130 |
| | 18 | 151140 |
| | 20 | 151145 |
| | 22 | 151150 |
| | $\frac{3}{8}$ " | 151155 |
| | $\frac{1}{2}$ " | 151160 |
| $\frac{5}{8}$ " | 151165 | |
| $\frac{3}{4}$ " | 151170 | |
| $\frac{7}{8}$ " | 151175 | |
| REMS Twist/Hurrican drive unit | | 151400 |
| Tool holder | | 151200 |
| Drill head | | 151210 |
| Dimpling pliers | | 151230 |
| Lubricant (tin) | | 151240 |

