

EXPANDING & EXTRACTING

PIPETOOLS CATALOGUE



Expanding Extracting

	Hand tube expander Cu	250
	Expander head Cu	250
	One-hand pipe expander	251
	Hand tube expander P	251
	Cordless pipe expander Cu	252
	Cordless pipe expander P	252
	Cordless pipe expander P-CEF	252
	Electro-hydraulic pipe expander P-CEF	254
	Expander head P Expander head P-CEF	255
	Hand tube extractor	256
	Electric tube extractor Electric tube expander	257

Proven quality tool for expanding and calibrating pipes for pipe installation without fittings.

Soft copper tubes $s \leq 1.5$ mm $\varnothing 8-42$ mm
 $\varnothing \frac{3}{8}-1\frac{1}{8}$ "

Soft aluminium tubes,
soft precision steel tubes $s \leq 1.2$ mm $\varnothing 8-42$ mm
 $\varnothing \frac{3}{8}-1\frac{1}{8}$ "

Soft stainless steel tubes $s \leq 1$ mm $\varnothing 8-42$ mm
 $\varnothing \frac{3}{8}-1\frac{1}{8}$ "

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

Pipe installation without fittings. No costs for fittings, storage, procurement. Savings in soldering joints, soldering material and working hours. Using up pipe pieces to provide sockets.

Design

Robust quality tool. Torsion-free, power-transmitting expander levers with ergonomically designed handles, for effortless expanding. 6-face mandrel for even and concentric expanding. Extra long sockets, spring-loaded return of mandrel release. Also for other suitable makes of expander heads.

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



Info

Supply format

REMS Ex-Press Cu Set. Hand tube expander $\varnothing 8-42$ mm, $\varnothing \frac{3}{8}-1\frac{1}{8}$ ". Soft copper tubes $\varnothing 8-42$ mm, $\varnothing \frac{3}{8}-1\frac{1}{8}$ ", $s \leq 1.5$ mm, soft aluminium tubes and soft steel precision tubes $\varnothing 8-42$ mm, $\varnothing \frac{3}{8}-1\frac{1}{8}$ ", $s \leq 1.2$ mm, soft stainless steel tubes $\varnothing 8-42$ mm, $\varnothing \frac{3}{8}-1\frac{1}{8}$ ", $s \leq 1$ 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 + 28 + 32	150008
Set 12 + 14 + 16 + 18 + 22	150010
Set $\frac{3}{8} + \frac{1}{2} + \frac{5}{8} + \frac{3}{4} + \frac{7}{8} + 1\frac{1}{8}$"	150017
Set $\frac{1}{2} + \frac{5}{8} + \frac{3}{4} + 1\frac{1}{8}$"	150018
Set $\frac{3}{8} + \frac{1}{2} + \frac{5}{8} + \frac{3}{4}$"	150019
Set $\frac{3}{8} + \frac{1}{2} + \frac{5}{8} + \frac{3}{4} + 1$"	150020

Accessories

Description	Pipes \varnothing mm/inch	Art.-No.
Expander head Cu (fit expander drives of REMS Ex-Press Cu 22 V ACC and 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
	$\frac{3}{8}$ "	150220
	$\frac{1}{2}$ "	150225
	$\frac{5}{8}$ "	150230
	$\frac{3}{4}$ "	150235
	$\frac{7}{8}$ "	150240
	1"	150245
	$1\frac{1}{8}$ "	150250
Expander drive Cu (taper angle 18°)		150500
Steel case with insert		150600



REMS Ex-Press H

One-hand pipe expander

Robust, compact quality tool for expanding tubes.
For one-hand operation.

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.

For one-hand operation.

Supply format

REMS Ex-Press H. One-hand pipe expander for PEX tubes Serie S 5 according to ISO 4065 Ø 12–40 mm. In a carton.

	Art.-No.	
	150550	



German Quality Product



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.

Design

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. Also for other suitable makes of expander heads.

Expander heads for all common systems

Complete assortment of REMS expander heads P for all common compression sleeve systems (page 255). 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.

Supply format

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

Description	Compr. sleeve system	Art.-No.	
Set AT P 16 + 20 + 25	aquatherm SHT PB/PE-Rohre	150021	
Set AT V 16 + 20 + 25	aquatherm SHT Mehrschicht-Metall- verbundrohre	150033	
Set IV 16/17 + 20/21 + 25/26	IVT PRINETO, Würth PRINETO	150026	
Set RH HAS 17 + 20 + 25	REHAU RAUTHERM S (REHAU HAS)	150027	
Set RH HIS 16 + 20 + 25	REHAU RAUTITAN flex/ gas flex/pink/his, General Fittings Serie 3400 PEX, REVEL, Seppelfricke SD Sistemi Italia Neroflex, TIEMME Assialpex	150028	
Set RH MKV 16 + 20 + 25	REHAU RAUTITAN stabil/ gas stabil, General Fittings Serie 3400 PEX/AL/PEX, Seppelfricke SD Sistemi Italia Sylver	150022	
Set RH 16 + 20 + 25	REHAU RAUTHERM (série S 5), REHAU (GBR) EVERLOC	150029	
Set TC 16 + 18/20 + 25	TECE TECEflex, General Fittings Serie 3700 PEX / PEX/AL/PEX	150025	

System-specific and/or national differences of the wall thickness (s) of tubes need to be considered selecting expander heads, see table page 255.

Accessories

Description	Art.-No.	
Expander heads P see page 255.		
Expander drive REMS Ex-Press P (taper angle 18°)	150510	
Steel case with insert	150600	



German Quality Product



e.g.
aquatherm,
General Fittings,
IVT,
REHAU,
REVEL,
Seppelfricke,
TECE,
TIEMME,
Würth



REMS Ex-Press 22 V ACC

Cordless pipe expander 20 kN with automatic return

Compact, handy power tool with automatic return for fast, easy expansion of pipes/rings. Li-Ion 22 V Technology. For cordless and mains operation. For trade and industry. For the building site and the workshop.

Expander Cu

for holding the REMS Cu expander heads and suitable expander heads of other makes for:

Soft copper pipes, $s \leq 1.5 \text{ mm}$ $\varnothing 8 - 42 \text{ mm}$
 $\varnothing \frac{3}{8} - 1\frac{3}{4}''$

Soft aluminium pipes,
soft precision steel pipes, $s \leq 1.2 \text{ mm}$ $\varnothing 8 - 42 \text{ mm}$
 $\varnothing \frac{3}{8} - 1\frac{3}{4}''$

Soft stainless steel pipes, $s \leq 1 \text{ mm}$ $\varnothing 8 - 42 \text{ mm}$
 $\varnothing \frac{3}{8} - 1\frac{3}{4}''$

Expander P

for holding the REMS P expander heads and suitable expander heads of other makes for:

Plastic tubes, composite tubes $\varnothing 12 - 40 \text{ mm}$

Expander P-CEF

for holding the REMS P-CEF expander heads and suitable expander heads of other makes for:

Cold Expansion Fittings made of plastic (P-CEF)
 $\varnothing 16 - 40 \text{ mm}$
 $\varnothing \frac{1}{2} - 1\frac{1}{2}''$
 $s \leq 4.95 \text{ mm}$

REMS Ex-Press 22 V ACC – fast, easy electric expanding up to $\varnothing 42 \text{ mm}$. With automatic return. Conical expanding mandrel for even centric expanding. E.g. REMS Ex-Press Cu 22 V ACC with Li-Ion 21.6 V, 2.5 Ah battery for approx. 600 expansions of soft copper pipe $15 \times 1 \text{ mm}$ with one battery charge*.

System advantage

Only **one** drive unit, optionally with **expander Cu** for holding the REMS Cu expander heads and suitable expander heads of other makes, **expander P** for holding the REMS P expander heads and suitable expander heads of other makes, **expander P-CEF** for holding the REMS P-CEF expander heads and suitable expander heads of other makes.

Expander heads for all common systems

Quick-change, without tools. Also for other suitable makes of expander tongs.

REMS expander heads Cu (page 250) with extra long segments provide an extra long muff for a perfect pipe joint in accordance with DVGW. Collar on the expander head for calibrating unround pipe ends.

REMS expander heads P (page 255) are system-specific and correspond to the requirements of the respective compression sleeve systems. Therefore, perfectly system-conformant, exact expanding.

REMS expander heads P-CEF (page 255) are system-specific and correspond to the requirements of the respective systems. Automatic, gradual expansion until reaching the given end position which is determined by the expander head.

Design

Ultra light, ultra small, ultra handy. Drive unit with battery pack weighs only 2.7 kg. Drive unit with expander only 26 cm long. Can therefore be used anywhere, free hand, over head, also in very confined spaces. Optimum weight distribution for one-hand operation. Ergonomically designed housing. LED work light for illuminating the work place. Expanding mandrel of the Cu and P expanders with conical angle 18° , expanding mandrel of the P-CEF expander with conical angle 20° , or even centric expanding. Long mandrel guide, spring-loaded mandrel recoil. Also for other suitable makes of expander heads.

Drive

High expanding force for perfect, split-second expanding. Thrust force 20 kN. Powerful electro-hydraulic drive with automatic return (ACC), with powerful battery motor 21.6 V, 380 W output, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system. Safety switch.



REMS Ex-Press Cu



REMS Ex-Press P



REMS Ex-Press P-CEF

German Quality Product



Info

Battery or mains operation

Li-Ion 22 V Technology. Highly resistant Li-Ion 21.6 V battery with 2.5, 4.4, 5.0 or 9.0 Ah capacity, for long service life. Light and powerful.

REMS Ex-Press Cu 22 V ACC with Li-Ion 21.6 V, 2.5 Ah battery for approx. 600 expansions, 4.4 Ah for approx. 1050 expansions, 5.0 Ah for approx. 1200 expansions, 9.0 Ah for approx. 2160 expansions of soft copper pipe $15 \times 1 \text{ mm}$ with one battery charge*.

REMS Ex-Press P 22 V ACC with Li-Ion 21.6 V, 2.5 Ah battery for approx. 750 expansions, 4.4 Ah for approx. 1320 expansions, 5.0 Ah for approx. 1500 expansions, 9.0 Ah for approx. 2700 expansions of REHAU RAUTITAN flex $\varnothing 16 \times 2.2 \text{ mm}$ with one battery charge*.

REMS Ex-Press P-CEF 22 V ACC with Li-Ion 21.6 V, 2.5 Ah battery for approx. 200 expansions, 4.4 Ah for approx. 360 expansions, 5.0 Ah for approx. 410 expansions, 9.0 Ah for approx. 740 expansions of Uponor Quick & Easy $\varnothing 16 \times 1.8$ with one battery charge*.

Graduated charging status check by coloured LEDs. Operating temperature range -10 to $+60^\circ\text{C}$. No memory effect for maximum battery power. Rapid charger 100–240 V, 90 W. Rapid charger 100–240 V, 290 W, for shorter charging times, as accessory. Voltage supply 220–240 V/21.6 V, 15 A output, for mains operation instead of Li-Ion xbattery 21.6 V, as accessory.

Supply format

REMS Ex-Press Cu 22V ACC Basic-Pack. Cordless pipe expander 20 kN for fast expanding of copper pipes Ø 8–42 mm. Electro-hydraulic drive with automatic return, with powerful 21.6V, 380W battery motor, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system, safety switch. LED work light. Li-Ion 21.6V, 2.5 Ah battery, 220–240V, 50–60 Hz, 70W rapid charger. Cu expander for holding the REMS Cu expander heads and suitable expander heads of other makes. Without expander heads. In sturdy steel case.

	Art.-No.
	575020

Other voltages on request.



Supply format

REMS Ex-Press P 22V ACC Basic-Pack. Cordless pipe expander 20 kN for fast expanding of plastic and composite tubes Ø 12–40 mm. Electro-hydraulic drive with automatic return, with powerful 21.6V, 380W battery motor, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system, safety switch. LED work light. Li-Ion 21.6V, 2.5 Ah battery, 220–240V, 50–60 Hz, 70W rapid charger. P expander for holding the REMS P expander heads and suitable expander heads of other makes. Without expander heads. In sturdy steel case.

	Art.-No.
	575021

Other voltages on request.



e.g.
aquatherm,
General Fittings,
IVT,
REHAU,
REVEL,
Seppelfricke,
TECE,
TIEMME,
Würth

Supply format

REMS Ex-Press P-CEF 22V ACC Basic-Pack. Cordless pipe expander 20 kN for fast expanding of plastic tubes Ø 16–40 mm. Electro-hydraulic drive with automatic return, with powerful 21.6V, 380W battery motor, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system, safety switch. LED work light. Li-Ion 21.6V, 2.5 Ah battery, 220–240V, 50–60 Hz, 70W rapid charger. P-CEF expander for holding the REMS P-CEF expander heads and suitable expander heads of other makes. Without expander heads. In sturdy steel case.

	Art.-No.
	575022

Other voltages on request.



e.g.
Brass & Fittings,
Uponor

Accessories

Description	Art.-No.
REMS Ex-Press 22V ACC drive unit, without expander, without battery	575010
Expander Cu for holding the REMS Cu expander heads and suitable expander heads of other makes for: Conical angle 18°.	575252
Expander heads Cu see page 250	
Expander P for holding the REMS P expander heads and suitable expander heads of other makes for: Conical angle 18°.	575253
Expander heads P see page 255.	
Expander P-CEF for holding the REMS P-CEF expander heads and suitable expander heads of other makes for: Conical angle 20°.	575256
Expander heads P-CEF see page 255.	
Expander tongs P-CEF (conical angle 20°), for accommodating the expander heads P-CEF 16–40 mm, ½–1½"	150515
Battery Li-Ion 21.6V, 2.5 Ah	571571
Battery Li-Ion 21.6V, 4.4 Ah	571574
Battery Li-Ion 21.6V, 5.0 Ah	571581
Battery Li-Ion 21.6V, 9.0 Ah	571583
Rapid charger 100–240V, 50–60 Hz, 90W	571585
Rapid charger 100–240V, 50–60 Hz, 290W	571587
Voltage supply 220–240V/21.6V, 50–60 Hz, 15A, for mains operation instead of battery Li-Ion 21.6 V.	571567
Steel case with insert	578290
REMS Lumen 2800 22V , cordless LED flood light, see page 111	



REMS Power-Ex-Press P-CEF ACC

Electro-hydraulic pipe expander 34 kN
with automatic return

Compact, handy power tool for fast, easy expanding of pipes/rings. For trade and industry. For the building site and the workshop.

Cold Expansion Fittings made of plastic (P-CEF)

Ø 16 – 63 mm
Ø ½ – 2"
s ≤ 6.3 mm

REMS Power-Ex-Press P-CEF ACC – Fast, easy electric expanding up to Ø 63 mm. With automatic return. For Uponor Quick & Easy and Giacomini GX System.

Expander heads
Large expanding capacity up to Ø 63 mm. Automatic, gradual expansion until reaching the given end position which is determined by the expander head. Use of the REMS P-CEF expander heads and suitable expander heads of other makes for: Expander 50 – 63 mm, 2", for holding the REMS P-CEF expander heads 50 – 63 mm, 2" and suitable expander heads of other makes. Expander 16 – 40 mm, ½ – 1½", for holding the REMS P-CEF expander heads 16 – 40 mm, ½ – 1½" and suitable expander heads of other makes, as an accessory.

Execution
Compact, robust, job site-proven. Small in size, slender design, drive unit only 5.6 kg. Works anywhere, free-hand, overhead, in confined areas. Ideal weight distribution for single handed operation. Ergonomically designed housing with recessed grip.

Drive
High pressing force for fast, perfect expanding. Thrust force 34 kN. Powerful electro-mechanical drive with automatic return (ACC), with proven universal motor, 450 W, maintenance-free gear with safety slipping clutch and in-feed system with machine screw spindle. Safety tip switch.



German Quality Product



Info

Supply format

REMS Power-Ex-Press P-CEF ACC Basic-Pack. Electro-hydraulic pipe expander 34 kN for expanding tubes/coils of the Uponor Quick & Easy system Ø 16 – 63 mm, Ø ½ – 2", s ≤ 6.3 mm. Electro-hydraulic drive with automatic retraction, ith proven universal motor 230 V or 110 V, 50 – 60 Hz, 450 W, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system. Safety tip switch. Expanding device 50 – 63 mm, 2". Without expander heads. In sturdy steel case.

	Art.-No.	
	575017	

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

Accessories

Description	Art.-No.	
Expander 16 – 40 mm, ½ – 1½", for holding the P-CEF expander heads 16 – 40 mm, ½ – 1½"	575100	
Expander heads P-CEF see page 255.		
Steel case with insert	575278	



REMS expander heads P REMS expander heads P-CEF

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. Conical angle 18°. Driven by REMS Ex-Press P hand pipe expander (page 251), REMS Ex-Press P 22 V ACC cordless pipe expander (page 252 – 253) and by suitable pipe expanders of other makes.

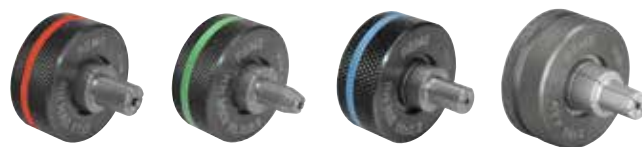
Compression sleeve system	Expander head P Ø × s	Art.-No.	
aquatherm grey pipe PB/PE-RT-Rohre	AT P 14 × 2.0	150828	
	AT P 16 × 2.0	150842	
	AT P 18 × 2.0	150873	
	AT P 20 × 2.0	150882	
	AT P 25 × 2.3	150912	
aquatherm grey pipe Mehrschicht- Metallverbundrohre (MYR)	AT V 16 × 2.4	150843	
	AT V 20 × 2.4	150883	
	AT V 25 × 2.7	150913	
	AT V 32 × 3.2	150957	
	AT V 40 × 3.5	150958	
General Fittings Serie 3400 PEX Gold-Fix	RH HIS 16 × 2.2	150849	
	RH HIS 20 × 2.8	150888	
	RH HIS 25 × 3.5	150916	
	RH HIS 32 × 4.4	150945	
General Fittings Serie 3400 PEX/AL/PEX Gold-Fix	RH MKV 16.2 × 2.6	150858	
	RH MKV 20 × 2.9	150897	
	RH MKV 25 × 3.7	150926	
	RH MKV 32 × 4.7	150952	
General Fittings Serie 3700 PEX	TC 16	150855	
	TC 18/20	150894	
	TC 25	150923	
	TC 32	150950	
General Fittings Serie 3700 PEX/AL/PEX	TC 16	150855	
	TC 18/20	150894	
	TC 25	150923	
	TC 32	150950	
HERZ QUICK FIX	HC P 16 × 2.0	150806	
	HC P 20 × 2.0	150807	
	HC P 26 × 3.0	150808	
	HC P 32 × 3.0	150809	
IVT PRINETO	IV 16 × 2.2/17 × 2.8	150845	
	IV 20 × 2.8/21 × 3.4	150885	
	IV 25 × 3.5/26 × 4.0	150914	
	IV 32 × 4.4/33 × 4.9	150943	
ÖAG COMDURO	HC P 16 × 2.0	150806	
	HC P 20 × 2.0	150807	
	HC P 26 × 3.0	150808	
	HC P 32 × 3.0	150809	
REHAU RAUTHERM (série S 5)	RH 12 × 1.1	150812	
	RH 16 × 1.5	150846	
	RH 20 × 1.9	150886	
	RH 25 × 2.3 (RH HAS 25 × 2.3)	150915	
	RH 32 × 2.9 (RH HAS 32 × 2.9)	150944	
REHAU RAUTHERM S (REHAU HAS)	RH HAS 17 × 2.0	150868	
	RH HAS 20 × 2.0	150887	
	RH HAS 25 × 2.3	150915	
	RH HAS 32 × 2.9	150944	
REHAU RAUTITAN flex/ RAUTITAN gas flex/ RAUTITAN pink/ RAUTITAN his	RH HIS 16 × 2.2	150849	
	RH HIS 20 × 2.8	150888	
	RH HIS 25 × 3.5	150916	
	RH HIS 32 × 4.4	150945	
	RH HIS 40 × 5.5	150946	
REHAU RAUTITAN stabil/ RAUTITAN gas stabil	RH MKV 16.2 × 2.6	150858	
	RH MKV 20 × 2.9	150897	
	RH MKV 25 × 3.7	150926	
	RH MKV 32 × 4.7	150952	
	RH MKV 40 × 6.0	150947	
REHAU (GBR) EVERLOC	RH 16 × 1.5	150846	
	RH 20 × 1.9	150886	
	RH 25 × 2.3 (RH HAS 25 × 2.3)	150915	
	RH 32 × 2.9 (RH HAS 32 × 2.9)	150944	
REVEL	RH HIS 16 × 2.2	150849	
	RH HIS 20 × 2.8	150888	
	RH HIS 25 × 3.5	150916	
	RH HIS 32 × 4.4	150945	
Seppelfricke SD Sistemi Italia Neroflex	RH HIS 16 × 2.2	150849	
	RH HIS 20 × 2.8	150888	
	RH HIS 25 × 3.5	150916	
	RH HIS 32 × 4.4	150945	
Seppelfricke SD Sistemi Italia Sylyer	RH MKV 16.2 × 2.6	150858	
	RH MKV 20 × 2.9	150897	
	RH MKV 25 × 3.7	150926	
	RH MKV 32 × 4.7	150952	

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.

Accessories for REMS pipe expander and other makes

Choose expander heads yourself!

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



German Quality Product

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. Conical angle 18°. Driven by REMS Ex-Press P hand pipe expander (page 251), REMS Ex-Press P 22 V ACC cordless pipe expander (page 252 – 253) and by suitable pipe expanders of other makes.

Compression sleeve system	Expander head P Ø × s	Art.-No.	
TIEMME Assialpex	RH HIS 16 × 2.2	150849	
	RH HIS 20 × 2.8	150888	
	RH HIS 25 × 3.5	150916	
	RH HIS 32 × 4.4	150945	
Würth PRINETO	IV 16 × 2.2/17 × 2.8	150845	
	IV 20 × 2.8/21 × 3.4	150885	
	IV 25 × 3.5/26 × 4.0	150914	
	IV 32 × 4.4/33 × 4.9	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 expander heads P-CEF

Full range of REMS P-CEF expander heads for easy expanding of pipes/rings. Quick-change, without tools. The REMS P-CEF expander heads are system-specific and correspond to the requirements of the respective systems. Therefore, perfectly system-conformant, exact expanding. Conical angle 20°. Driven by REMS Ex-Press P-CEF 22 V ACC cordless pipe expander (page 252 – 253), REMS Power-Ex-Press P-CEF ACC electro-hydraulic pipe expander (page 254) and by suitable pipe expanders of other makes.

Compression sleeve system	Expander head P-CEF Ø × s	Art.-No.	
Uponor Quick & Easy	P-CEF 16 × 1.8	150960	
	P-CEF 20 × 1.9	150961	
	P-CEF 25 × 2.3	150962	
	P-CEF 32 × 2.9	150963	
	P-CEF 40 × 3.7	150968	
Expander drive P-CEF (taper angle 20°), for holding the P-CEF expander heads 16 – 40 mm, ½ – 1½"		150515	

System-related and/or national differences of the wall thickness s of the pipes must be considered in the selection of the expander heads.

REMS Hurrican H

Hand tube extractor

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

Hard and soft copper tubes	Ø 10 – 22 mm
	Ø 3⁄8 – 7⁄8"
	s ≤ 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.

Design

Compact, handy, light. Can be used anywhere, free-hand, on pipes already installed. Drill head for exact drilling start without centre punching, drilling depth stop according to size of the T-outlet. Limitation of insertion depth to avoid obstruction by using the dimpling pliers. Handy gripping tongs for fixing the tool holder on the pipe, as an accessory.

Drill head drive

Drive with conventional electric drill.

Extractor tools

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

Tool holder drive

With standard ratchet and hexagon socket 11 mm or with spanner. Upgrade to electric pipe neck expander by buying the REMS Twist/Hurrican drive machine.



German Quality Product



Info

Supply format

REMS Hurrican H Set. Hand tube extractor for hard and soft copper tubes Ø 10 – 22 mm, Ø 3⁄8 – 7⁄8", s ≤ 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 3⁄8 + 1⁄2 + 5⁄8 + 3⁄4 + 7⁄8"	151005	

Accessories

Description	Tubes Ø mm/inch	Art.-No.	
Extractor tool	10	151105	
	12	151110	
	14	151120	
	15	151125	
	16	151130	
	18	151140	
	20	151145	
	22	151150	
	3⁄8"	151155	
	1⁄2"	151160	
	5⁄8"	151165	
	3⁄4"	151170	
	7⁄8"	151175	
REMS Twist/Hurrican drive unit with stabiliser		151402	
Grip wrench for clamping the tool holder		076117	
Tool holder		151200	
Drill head		151210	
Dimpling pliers		151230	
Ratchet 1⁄2"		074021	
Hexagon socket 11 mm		074041	
Lubricant (tin)		151240	
Case with inlay		151618	



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.

Design

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

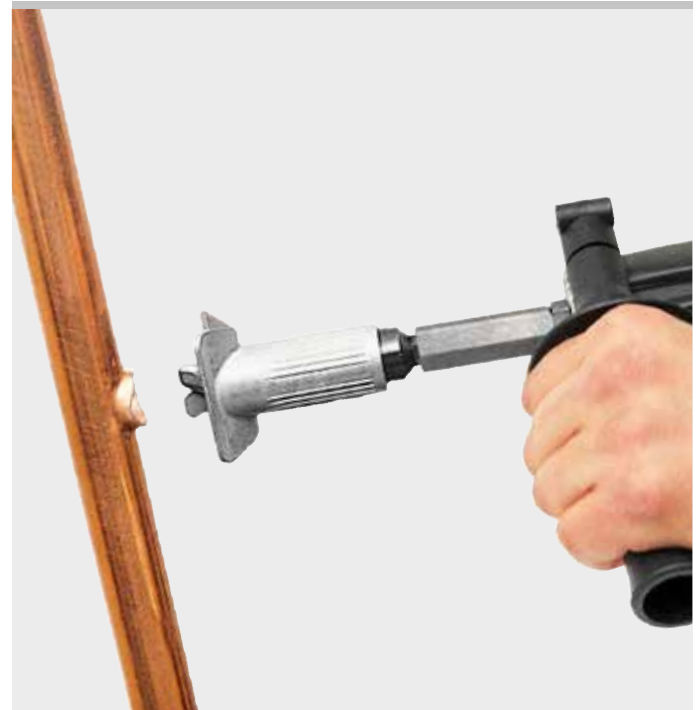
Proven drive unit with hexagon mount. Enormously powerful. Handy, light, only 1.5 kg. Can be used anywhere, free-hand, also on pipes already installed. Robust, maintenance-free gear with safety slipping clutch. Universal motor, 630 W, high-torque forward and reverse at low speed. Stepless, electronic speed control. The speed can be continuously controlled electronically by variable pressure on the safety switch from 0 to 1,000 rpm (accelerator 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 259.



German Quality Product



Supply format

REMS Hurrican Set. Electric tube extractor for hard and soft copper tube \varnothing 10–22 mm, \varnothing $\frac{3}{8}$ – $\frac{7}{8}$ ", $s \leq .5$ mm. Drive unit with hexagon mount, maintenance-free gear, universal motor 230 V or 110 V, 50–60 Hz, 630 W. High torque at low speed, left and right-hand rotation. Safety tip switch. Continuous, electronic speed control from 0 to 1,000 rpm (accelerator 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		
with stabiliser		151402
Tool holder		151200
Drill head		151210
Dimpling pliers		151230
Lubricant (tin)		151240
Case with inlay		151618



Powerful, compact power tool for rational cold expanding of hard and soft copper pipes for pipe installation 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.

Design

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. Handly, light, only 1.5 kg. Can be used anywhere, free-hand, also on pipes already installed. Robust, maintenance-free gear with safety slipping clutch. Universal motor, 630 W, high-torque forward and reverse at low speed. The speed can be continuously controlled electronically by variable pressure on the safety switch from 0 to 1,000 rpm (accelerator 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 259.



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, 630 W. High torque at low speed, left and right-hand rotation. Safety tip switch. Continuous, electronic speed control from 0 to 1,000 rpm (accelerator 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 with stabiliser		151402	
Lubricant (tin)		151240	
Steel case with insert		151600	



REMS Twist/Hurrican

Electric tube extractor
Electric tube expander

Powerful, compact power tool for rational manufacture of T-joints and rational cold expanding of hard and soft copper pipes for pipe installation without fittings. Combination of REMS Twist and REMS Hurrican.

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

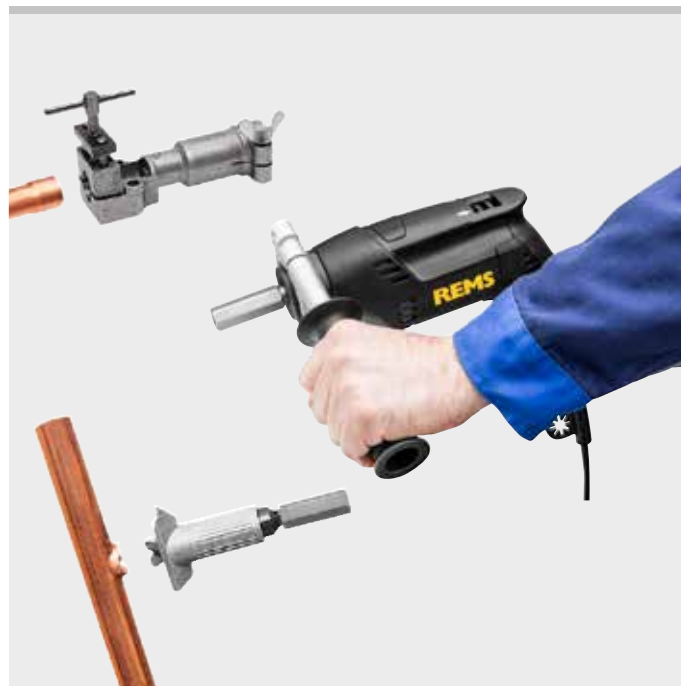
Expanding:
Hard and soft copper tubes \varnothing 12–22 mm
 \varnothing $\frac{3}{8}$ – $\frac{7}{8}$ "
 $s \leq 1$ mm

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 257–258).



German Quality Product



Info

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, 630 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

Other voltages on request.



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 with stabiliser		151402
Tool holder		151200
Drill head 10–22 mm		151210
Drill head $\frac{3}{8}$–$\frac{7}{8}$"		151210
Dimpling pliers		151230
Lubricant (tin)		151240
Steel case with insert		151600

