

ONE of 6.000

Premium tools for
professionals!

4





Expanding, Extracting, Flaring

System Overview Expanding	78 - 79
Expanding manual	80 - 88
Expanding electrical	88 - 90
Expanding hydraulic	91 - 92
Accessories Expanding	93
Expanding & Extracting manual	90
Extracting manual	94 - 96
Accessories Extracting manual	97
Flaring	98 - 99
Torque Wrench	101

4



Do you want to know more about our products? Please scan the QR-Code!

Expanding, Extracting, Flaring

System Overview

Expander

**ROCAM® Expander
Power Torque**



**ROLOCK Expander
Power Torque**



Expander A0



Step Expander A1



Operation mode:	Manual	Manual	Manual	Manual
Working range: Copper	Ø 8-42 mm (5/16-1.3/4") +⊖ 1,6 mm, soft, semi-hard	Ø 8-42 mm (5/16-1.3/4") +⊖ 1,6 mm, soft, semi-hard	Ø 22-67 mm (1-2.1/2") +⊖ 2,5 mm, soft, semi-hard	Ø 35-108 mm (1.3/8-4.1/8") +⊖ 2,5 mm, soft
Working range: Aluminium	Ø 8-28 mm (5/16-1.1/8") +⊖ 1,6 mm, soft	Ø 8-28 mm (5/16-1.1/8") +⊖ 1,6 mm, soft	Ø 22-67 mm (1-2.1/2") +⊖ 2,5 mm, soft, semi-hard	Ø 35-108 mm (1.3/8-4.1/8") +⊖ 2,5 mm, soft
Working range: Precision steel	Ø 8-28 mm (5/16-1.1/8") +⊖ 1,6 mm, soft	Ø 8-28 mm (5/16-1.1/8") +⊖ 1,6 mm, soft	Ø 22-54 mm (1-2.1/8") +⊖ 1,5 mm, soft	–
Working range: Stainless steel	Ø 8-22 mm (5/16-7/8") +⊖ 1 mm, soft	Ø 8-22 mm (5/16-7/8") +⊖ 1 mm, soft	Ø 22-54 mm (1-2.1/8") +⊖ 1,5 mm, soft	–

Page

80, 81

82, 83

86

88

**ROMAX® Expander
AC ECO MAXI**



**ROMAX® Expander
Compact**



H 600



Operation mode:	Hydraulic	Hydraulic	Hydraulic
Working range: Copper	Ø 35-108 mm (1.3/8-4.1/8") +⊖ 2,5 mm, soft, semi-hard	Ø 8-67 mm (5/16-2.1/2") +⊖ 2,0 mm, soft	Ø 8-110 mm (5/16-4.1/4") +⊖ 3 mm, soft, semi-hard
Working range: Aluminium	Ø 35-108 mm (1.3/8-4.1/8") +⊖ 2,5 mm, soft	Ø 8-67 mm (5/16-2.1/2") +⊖ 2,0 mm, soft	Ø 8-110 mm (5/16-4.1/4") +⊖ 3 mm, soft, semi-hard
Working range: Precision steel	–	Ø 8-67 mm (5/16-2.1/2") +⊖ 1,0 mm, soft	Ø 8-110 mm (5/16-4.1/4") +⊖ 3 mm, soft, semi-hard
Working range: Stainless steel	–	Ø 8-15 mm +⊖ 1,0 mm, soft	Ø 8-110 mm (5/16-4.1/4") +⊖ 3 mm, soft, semi-hard

Page

88

89, 90

91

Expanding, Extracting, Flaring

System Overview

Expander Heads

Expander Head Standard



Expander Head ROLOCK



Expander Head Type S



Riveted Expander Head



Working range: Copper	Ø 8-42 mm (5/16-1.3/4") +0 1,6 mm, soft, smi-hard	Ø 8-42 mm (5/16-1.3/4") +0 1,6 mm, soft, semi-hard	Ø 22-67 mm (1-2.1/2") +0 2,5 mm, soft, semi-hard	Ø 15-38 mm +0 1,5 mm, soft, semi-hard
Working range: Aluminium	Ø 8-28 mm (5/16-1.1/8") +0 1,6 mm, soft	Ø 8-28 mm (5/16-1.1/8") +0 1,6 mm, soft	Ø 22-67 mm (1-2.1/2") +0 2,5 mm, soft	Ø 15-28 mm +0 1,5 mm, soft
Working range: Precision steel	Ø 8-28 mm (5/16-1.1/8") +0 1,6 mm, soft	Ø 8-28 mm (5/16-1.1/8") +0 1,6 mm, soft	Ø 22-54 mm (1-2.1/8") +0 1,5 mm, soft	Ø 15-28 mm +0 1,5 mm, soft
Working range: Stainless steel	Ø 8-22 mm (5/16-7/8") +0 1 mm, soft	Ø 8-22 mm (5/16-7/8") +0 1 mm, soft	Ø 22-54 mm (1-2.1/8") +0 1,5 mm, soft	Ø 15-22 mm +0 1,0 mm, soft

Page

84

85

87

87

Expander Head H2, Type 2



Expander Head H2, Type 3



Step Expander Head



Working range: Copper	Ø 28-70 mm (1.1/8-2.3/4") +0 2,5 mm, soft, semi-hard	Ø 70-110 mm (2.3/4-4.1/4") +0 3,0 mm, soft, semi-hard	Ø 35-108 mm (1.3/8-4.1/8") +0 2,5 mm, soft, semi-hard
Working range: Aluminium	Ø 28-70 mm (1.1/8-2.3/4") +0 2,5 mm, soft, semi-hard	Ø 70-110 mm (2.3/4-4.1/4") +0 3,0 mm, soft, semi-hard	Ø 35-108 mm (1.3/8-4.1/8") +0 2,5 mm, soft
Working range: Precision steel	Ø 28-70 mm (1.1/8-2.3/4") +0 2,5 mm, soft, semi-hard	Ø 70-110 mm (2.3/4-4.1/4") +0 3,0 mm, soft, semi-hard	–
Working range: Stainless steel	Ø 28-70 mm (1.1/8-2.3/4") +0 2,5 mm, soft, semi-hard	Ø 70-110 mm (2.3/4-4.1/4") +0 3,0 mm, soft, semi-hard	–

Page

92

92

88

Expanding, Extracting, Flaring

Expanding manual

ROCAM® EXPANDER Power Torque

For expanding, reducing and calibrating soft and semi-hard pipes Ø 8 - 42 mm (5/16 - 1.3/4"), as well as producing tapers



4

Product Profile

APPLICATION AREA

For efficient, fitting-free installation of pipes in sanitary heating, gas, refrigeration and air-conditioning systems

Suitable for pipes made of:

Copper (soft and semi-hard): Ø 8 - 42 mm, 5/16 - 1.3/4"
max. wall thickness 1.6 mm

Aluminium (soft): Ø 8 - 28 mm, 5/16 - 1.1/8"
max. wall thickness 1.6 mm

Precision steel (soft): Ø 8 - 28 mm, 5/16 - 1.1/8"
max. wall thickness 1.6 mm

Stainless steel (soft): Ø 8 - 22 mm, 5/16 - 7/8"
max. wall thickness 1.0 mm

KEY FEATURES

- Eliminates the cost of purchase and storage of fittings
- Converts deformed pipes into fittings; saves resources
- 50% reduction of labour, soldering materials, joints and energy
- Reliable pipe connection according to DVGW standards
- Tough, light and wear-resistant
- Fine adjustment of the capillary gap
- **EPT® – concealed bent lever**

Made in Germany!

The know-how from the pioneer of expanding technology and the leading manufacturer of expanding tools for over 40 years!



ROCAM® EXPANDER Power Torque



No.

Expander tool (without expander heads) 1 1.0 **12400**
for expander heads up to 42 mm / 1.3/4"

ROCAM® EXPANDER Power Torque Sets

ROCAM® EXPANDER Power Torque Sets include: Expander heads, ROCAM® EXPANDER Power Torque (No. 12400), internal and external deburrer (No. 11006), in a steel carrying case (No. 24022), plastic inlay (No. 11002)

ROCAM® EXPANDER Power Torque Sets			
Model			No.
12 - 15 - 18 - 22 mm	1	2,9	12300
10 - 12 - 15 - 18 - 22 mm	1	3,3	12302
12 - 15 - 18 - 22 - 28 mm	1	3,3	12303
10 - 12 - 16 - 18 - 22 mm	1	3,3	12304
10 - 12 - 16 - 22 - 28 mm	1	3,3	12305
12 - 14 - 16 - 18 - 22 mm	1	3,3	12309
12 - 14 - 16 - 18 - 22 - 28 mm	1	3,3	12310
10 - 12 - 14 - 16 - 18 - 22 mm	1	3,6	12311
3/8 - 1/2 - 5/8 - 3/4 - 1"	1	3,3	12317
3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1.1/8"	1	3,6	12318
1/2 - 5/8 - 3/4 - 7/8"	1	2,9	12321
12 - 16 - 18 - 22 - 28 mm	1	3,2	12322
3/8 - 1/2 - 3/4 - 1"	1	3,2	12323
1/2 - 5/8 - 7/8 - 1.1/8"	1	3,0	12324
12 - 15 - 18 - 22 - 28 - 35 - 42 mm	1	4,2	12326
15 - 22 - 28 mm	1	2,9	12327
15 - 22 mm	1	2,5	12328
1/2 - 3/4 - 1"	1	2,9	12335
10 - 12 - 15 - 16 - 18 - 22 - 28 mm	1	3,6	12337
12 - 14 - 16 - 18 - 22 - 28 - 32 mm	1	3,7	12338
15 - 18 - 22 - 28 - 35 - 42 mm	1	4,0	12339

Quality protection against wear with the **TiN sealed pin drive**



EPT®-Technology (Enclosed Power Transmission)

The expander head offers the following technical benefits:

Concealed bent lever:

Protection against dirt and external mechanical damage

Energy efficient through optimised force transmission:

Ergonomic, highly optimised force flow in relation to the hand force of the user, therefore reducing effort



ROCAM® EXPANDER Power Torque Sets			No.
3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1 - 1.1/8"	1	3,7	12336
3/8 - 1/2 - 5/8 - 3/4" - 22 - 28 mm	1	3,6	12320
3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1.1/8 - 1.3/8"	1	4,5	12341

For efficient, fitting-free installation of pipes



ROCAM® PE-X EXPANDER Power Torque

For expanding and calibrating PE-X and aluminium multi-layered composite pipe (MSR) up to \varnothing 42 mm or 1.3/4", as well as producing tapers

Expander heads coordinates with system pipes, for example the following systems: ROTEX, SCHELL, TECE / TECEflex, Vulkan-Lokring among others

Bezeichnung		No.
ROCAM® EXPANDER PE-X ohne Expanderköpfe	1	12005



Article upon request*

* Feasibility, delivery times and price for custom pipe- \varnothing are available upon request

Expanding, Extracting, Flaring

Expanding manual

ROLOCK EXPANDER Power Torque

For expanding, reducing and calibrating soft and semi-hard pipes \varnothing 8 - 42 mm (5/16 - 1.3/4"), as well as producing tapers



Product Profile

APPLICATION AREA

For efficient, fitting-free installation of pipes in sanitary heating, gas, refrigeration and air-conditioning systems

Suitable for pipes made of:

Copper (soft and semi-hard): \varnothing 8 - 42 mm, 5/16 - 1.3/4"
max. wall thickness 1.6 mm

Aluminium (soft): \varnothing 8 - 28 mm, 5/16 - 1.1/8"
max. wall thickness 1.6 mm

Precision steel (soft): \varnothing 8 - 28 mm, 5/16 - 1.1/8"
max. wall thickness 1.6 mm

Stainless steel (soft): \varnothing 8 - 22 mm, 5/16 - 7/8"
max. wall thickness 1.0 mm

KEY FEATURES

- Eliminates the cost of purchase and storage of fittings
- Converts deformed pipes into fittings; saves resources
- 50% reduction of labour, soldering materials, joints and energy
- Reliable pipe connection according to DVGW standards
- Tough, light and wear-resistant
- Fine adjustment of the capillary gap
- **EPT® – concealed bent lever**

Made in Germany!

The know-how from the pioneer of expanding technology and the leading manufacturer of expanding tools for over 40 years!

4



ROLOCK EXPANDER Power Torque



No.

Expander tool (without expander heads) for expander heads up to 42 mm / 1.3/4"	1	1.0	12400
---	---	-----	-------

ROLOCK EXPANDER Power Torque Sets

ROLOCK EXPANDER Power Torque Sets include: Expander heads, ROLOCK EXPANDER Power Torque (No. 12400), internal and external deburrer (No. 11006), in a steel carrying case (No. 24022), plastic inlay (No. 11002)



New expander head for guide change between nominal diameters

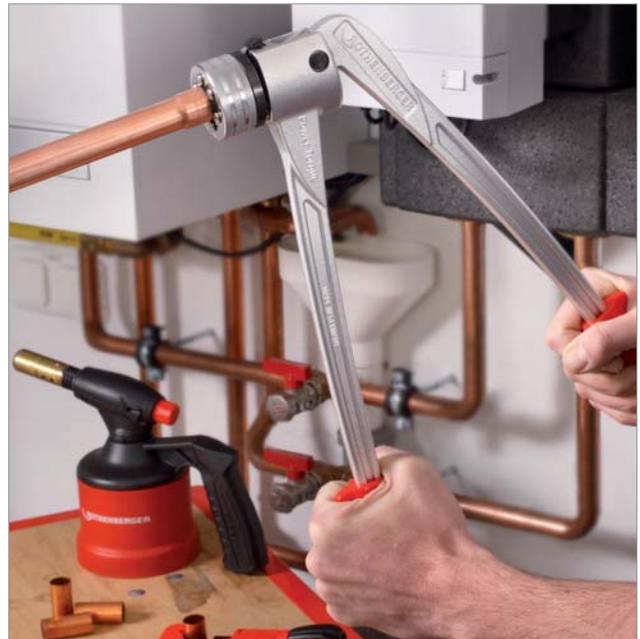


Expander heads with screw top applicable

ROLOCK EXPANDER Power Torque Sets

Description			No.
12 - 15 - 18 - 22 mm	1	2.9	12500
12 - 15 - 18 - 22 - 28 mm	1	3.3	12503
10 - 12 - 16 - 22 - 28 mm	1	3.3	12505
12 - 14 - 16 - 18 - 22 mm	1	3.3	12509
10 - 12 - 14 - 16 - 18 - 22 mm	1	3.6	12511
10 - 12 - 15 - 16 - 18 - 22 - 28 mm	1	3.6	12537
12 - 14 - 16 - 18 - 22 - 28 - 32 mm	1	3.7	12538
3/8 - 1/2 - 5/8 - 3/4 - 1"	1	3.3	12517
3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1.1/8"	1	3.6	12518
1/2 - 5/8 - 3/4 - 7/8"	1	2.9	12521
12 - 16 - 18 - 22 - 28 mm	1	3.2	12522
1/2 - 5/8 - 7/8 - 1.1/8"	1	3.0	12524
12 - 15 - 18 - 22 - 28 - 35 - 42 mm	1	4.2	12526
1/2 - 3/4 - 1"	1	2.9	12535
3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1 - 1.1/8"	1	3.7	12536
3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1.1/8 - 1.3/8"	1	4.5	12541

For efficient, fitting-free installation of pipes



EPT®-Technology (Enclosed Power Transmission)

The expander head offers the following technical benefits:

Concealed bent lever:

Protection against dirt and external mechanical damage

Energy efficient through optimised force transmission:

Ergonomic, highly optimised force flow in relation to the hand force of the user, therefore reducing effort



ACCESSORIES



Description		Description	
Expander heads for ROLOCK EXPANDER Power Torque	84	Expander adaptor type S	87
Expander heads type S / riveted expander heads	87	Brazing solder	185 - 187
Pipe cutter	14 - 25	High-Performance torch (SUPER FIRE 3 with MAPP®-GAS)	152 - 153
Internal / External deburrer	33		

Expanding, Extracting, Flaring

Expanding manual

Standard Expander Head

For producing standard precision flares $\text{Ø } 8 - 42 \text{ mm}$ (5/16 - 1.3/4") according to DVGW standards; as well as the specifications for the Gas de France

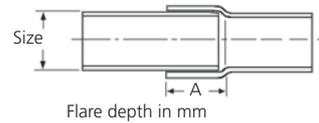
Made in Germany!
The know-how from the pioneer of expanding technology and the leading manufacturer of expanding tools for over 40 years!

Product Profile

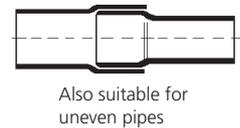
KEY FEATURES

- 50% reduction in labour, soldering materials and soldered joints
- Depth of the flare is consistent with DVGW standards
- Guide guarantees a perfect centred position and uniform capillary gap
- Tough and long lasting with the hardened segments

Expansion of pipe ends



Reduction



4

Fits similar expanders from other brands as well!

Specially hardened segments
Tough and long lasting

6 Rivets and guide channels
Guide guarantees a perfect centred position and uniform capillary gap

Step at the end of the segments
Enables re-calibration of irregular pipes and fittings

Extra long segments
Depth of the flare is consistent with DVGW standards



mm	Wall thickness mm (soft)				mm	A g	No.
	Cu	Al	Fe	Inox			
8	1.0	1.0	1.0	1.0	6.0	120	11008
10	1.0	1.0	1.0	1.0	10.0	120	11010
12	1.2	1.2	1.2	1.0	12.6	120	11012
14	1.2	1.2	1.2	1.0	12.6	120	11014
15	1.2	1.2	1.2	1.0	15.5	120	11015
16	1.2	1.2	1.2	1.0	15.5	120	11016
18	1.2	1.2	1.2	1.0	17.5	120	11018
20	1.2	1.2	1.2	1.0	17.5	140	11020
22	1.2	1.5	1.5	1.0	20.5	140	11022
28	1.5	1.5	1.5	-	18.5	390	11028
32	1.5	-	-	-	19.5	410	11032
35	1.6	-	-	-	19.5	430	11035
38	1.6	-	-	-	19.5	450	11038
40	1.5	-	-	-	19.5	470	11040
42	1.5	-	-	-	19.5	470	11042

inch	Wall thickness mm (soft)				A mm	g	No.
	Cu	Al	Fe	Inox			
5/16"	1.0	1.0	1.0	1.0	6.0	120	11008
3/8"	1.0	1.0	1.0	1.0	7.4	120	11052
1/2"	1.2	1.2	1.2	1.0	11.0	120	11053
5/8"	1.2	1.2	1.2	1.0	14.0	120	11054
3/4"	1.2	1.2	1.2	1.0	18.1	120	11055
7/8"	1.2	1.2	1.2	1.0	18.0	140	11056
1"	1.5	1.5	1.5	-	15.8	150	11057
1.1/8"	1.6	1.6	1.6	-	17.0	390	11058
1.1/4"	1.6	-	-	-	17.0	410	11059
1.3/8"	1.6	-	-	-	17.0	430	11035
1.1/2"	1.6	-	-	-	17.0	450	11038
1.5/8"	1.6	-	-	-	17.5	470	11062
1.3/4"	1.6	-	-	-	17.5	500	11063

Availability, delivery time and price of custom products for other pipe diameters available upon request

Suitable for ROTHENBERGER Expander



Model		Model	
ROCAM® EXPANDER Power Torque	80	Electro-Hydraulic Expander Pistol H 2	92
ROMAX® EXPANDER Compact	89 - 90	COMBI KIT Expander / Tee-Extractor	94
Electro-Hydraulic Expander Pistol H 1	92		

ROLOCK Expander Head

For producing standard precision flares $\text{Ø } 8 - 42 \text{ mm}$ (5/16 - 1.3/4") according to DVGW standards; as well as the specifications for the Gas de France

Product Profile

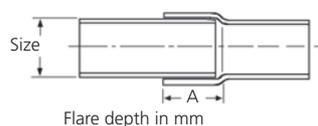
KEY FEATURES

- 50% reduction in labour, soldering materials and soldered joints
- Depth of the flare is consistent with DVGW standards
- Guide guarantees a perfect centred position and uniform capillary gap
- Tough and long lasting with the hardened segments

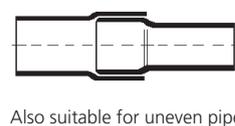
Made in Germany!

The know-how from the pioneer of expanding technology and the leading manufacturer of expanding tools for over 40 years!

Expansion of pipe ends



Reduction



Twist & lock heads for ROLOCK EXPANDER Power Torque

Specially hardened segments

Tough and long lasting

6 Rivets and guide channels

Guide guarantees a perfect centred position and uniform capillary gap

Step at the end of the segments

Enables re-calibration of regular pipes and fittings



Extra long segments

Depth of the flare is consistent with DVGW standards



mm	Wall thickness mm (soft)				mm	A g	No.
	Cu	Al	Fe	Inox			
8	1.0	1.0	1.0	1.0	6.0	120	12408
10	1.0	1.0	1.0	1.0	10.0	120	12410
12	1.2	1.2	1.2	1.0	12.6	120	12412
14	1.2	1.2	1.2	1.0	12.6	120	12414
15	1.2	1.2	1.2	1.0	15.5	120	12415
16	1.2	1.2	1.2	1.0	15.5	120	12416
18	1.2	1.2	1.2	1.0	17.5	120	12418
20	1.2	1.2	1.2	1.0	17.5	140	12420
22	1.2	1.5	1.5	1.0	20.5	140	12422
28	1.5	1.5	1.5	–	18.5	390	12428
32	1.5	–	–	–	19.5	410	12432
35	1.6	–	–	–	19.5	430	12435
38	1.6	–	–	–	19.5	450	12438
40	1.5	–	–	–	19.5	470	12440
42	1.5	–	–	–	19.5	470	12442

inch	Wall thickness mm (soft)				mm	A g	No.
	Cu	Al	Fe	Inox			
5/16"	1.0	1.0	1.0	1.0	6.0	120	12408
3/8"	1.0	1.0	1.0	1.0	7.4	120	12452
1/2"	1.2	1.2	1.2	1.0	11.0	120	12453
5/8"	1.2	1.2	1.2	1.0	14.0	120	12454
3/4"	1.2	1.2	1.2	1.0	18.1	120	12455
7/8"	1.2	1.2	1.2	1.0	18.0	140	12456
1"	1.5	1.5	1.5	–	15.8	150	12457
1.1/8"	1.6	1.6	1.6	–	17.0	390	12458
1.1/4"	1.6	–	–	–	17.0	410	12459
1.3/8"	1.6	–	–	–	17.0	430	12435
1.1/2"	1.6	–	–	–	17.0	450	12438
1.5/8"	1.6	–	–	–	17.5	470	12462
1.3/4"	1.6	–	–	–	17.5	500	12463

Availability, delivery time and price of custom products for other pipe diameters available upon request

Suitable for ROTHENBERGER ROLOCK EXPANDER Power Torque

Model		Model	
ROLOCK EXPANDER Power Torque	82	COMBI KIT Expander / Tee-Extractor	94

Expanding, Extracting, Flaring

Expanding manual

EXPANDER A0

For expanding, reducing and calibrating thick walled pipes \varnothing 22 - 67 mm (1 - 2.1/2") as well as the production of tapers

Functional Elements:

Expander A0 with a tightly guided and reinforced, long expander head, matches to the expander head Type S!

Product Profile

APPLICATION AREA

For efficient, fitting-free installation of pipes in sanitary heating, gas, refrigeration and air-conditioning systems

Suitable for pipes made of:

Copper and Aluminium: \varnothing 22 - 67 mm, 1 - 2.1/2"
max. wall thickness 2.5 mm

Precision steel (soft): \varnothing 22 - 54 mm, 1 - 2.1/8"
max. wall thickness 1.5 mm
and Stainless steel per DVGW-GW541

KEY FEATURES

- Application and savings advantages similar to ROCAM® EXPANDER power torque
- Precise and exact flaring
- Full bearing of the expander head segments allows heavy loads
- Continuous adjustment of the socket size and capillary gap
- Optimized action principle with long handles

4

Fine adjustment can be locked

Continuous adjustment of the socket size and capillary gap

Long handles

Optimized action principle

Strong pin guide

Full bearing of the expander head segments allow heavy loads

Reinforced expander head casing

Precise and exact flaring

EXPANDER A0 sets (No. 11400) include: Expander head Type S, special ratchet (No. 27181), in steel case (No. 27210)

EXPANDER A0 Basic Unit (No. 11004) scope of delivery: Square drive mechanism 3/4" with handle, without expander head and ratchet

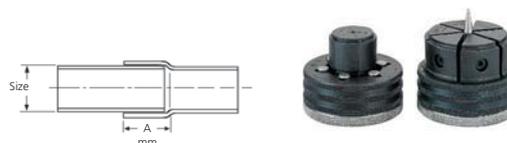
Model	Size	kg	No.
EXPANDER A0 set	35 - 42 - 54 - 64 mm	8.12	11400
EXPANDER A0 basic unit		1.97	11004



Fig. EXPANDER A0 Set

Expander Head Type S

For the precise expansion of normal and thick walled pipes \varnothing 22 - 67 mm (1 - 2.1/2") and 2.5 mm wall thickness



Accurate guidance of the segments through the reinforced expander head casing

mm	max. Wall thickness mm				A - size mm	g	No.
	Cu	Al	Fe	Inox			
22	2,0	2,0	1,5	1,5	18,5	350	11323
25	2,0	2,0	1,5	1,5	18,5	350	11325
28	2,0	2,0	1,5	1,5	19,5	360	11328
32	2,0	2,0	1,5	1,5	19,5	380	11332
35	2,0	2,0	1,5	1,5	19,5	400	11335
36	2,0	2,0	1,5	1,5	19,5	400	11336
42	2,0	2,0	1,5	1,5	19,5	450	11342
54	2,5	2,5	1,5	1,5	19,5	570	11346
64	2,5	2,5	-	-	19,5	690	11348
67	2,5	2,5	-	-	19,5	730	11380

inch	max. Wall thickness mm				A - size mm	g	No.
	Cu	Al	Fe	Inox			
1"	2,0	2,0	1,5	1,5	18,5	350	11376
1.1/8"	2,0	2,0	1,5	1,5	19,5	360	11358
1.1/4"	2,0	2,0	1,5	1,5	19,5	380	11332
1.3/8"	2,0	2,0	1,5	1,5	19,5	400	11335
1.5/8"	2,0	2,0	1,5	1,5	19,5	450	11362
2"	2,0	2,0	1,5	1,5	17,0	540	11364
2.1/8"	2,5	2,5	1,5	1,5	17,0	570	11346
2.1/2"	2,5	2,5	-	-	17,0	690	11348

Availability, delivery time and price of custom products for other pipe diameters available on request

Expander-Adapter Type S

To increase the application area of the ROCAM® / ROLOCK EXPANDER Power Torque, ROMAX® EXPANDER Compact Standard and Expander Pistol H1



Allows the use of the expander heads Type S with copper pipe (soft) up to 67 mm and/or 2.1/2"!

Model	max. mm	max. mm	g	No.
Adaptor Type S, without expander head	67 mm - 2.1/2"	2.0	630	11007

Flanged Riveted Expander Heads

For use with the ROCAM® / ROLOCK EXPANDER Power Torque, ROMAX® EXPANDER Compact Standard and Expander Pistol H1



Product Profile

KEY FEATURES

For producing exact hose connections, for example vibrating power units in

- Air-conditioning technology
- Auto manufacturing
- Industrial applications

mm	mm	outer dia.- Flange mm	Distance Flange pipe end mm	g	No.
15	1,5	18	4	110	11955
18	1,5	21	4	110	11958
22	1,5	25	6	120	11962
28	1,5	31	6	370	11968
35	1,5	38	6	400	11975
38	1,5	41	6	430	11978

Availability, delivery time and price of custom products for other pipe diameters available on request

Expanding, Extracting, Flaring

Expanding electric

STEP Expander A1

For expanding, reducing and calibrating thick walled pipes, Ø 35 – 108 mm (1.3/8" - 4.1/8"), as well as the production of tapers



Fig. similar
Special ratchet
(No. 27181)

Scope of delivery: STEP Expander with handle,
without special ratchet

Size	kg	No.
42 - 54 - 64 - 76,1 - 88,9 - 108 mm	4,2	11086
35 - 42 - 54 - 64 - 76 - 108 mm	3,9	11087
35 - 42 - 54 - 67 - 80 - 104 mm	3,9	11089
1.3/8 - 1.5/8 - 2.1/8 - 2.5/8 - 3.1/8 - 4.1/8"	4,2	11078
1.1/4 - 4"	3,8	11093

Availability, delivery time and price of custom products for other pipe diameters available on request

Product Profile

APPLICATION AREA

For efficient, fitting-free installation of pipes in sanitary, heating, gas, refrigeration and air-conditioning systems

Suitable for pipes made of:

Copper and aluminium: Ø 35 - 108 mm, 1.3/8" - 4.1/8"
(soft) max. wall thickness 2.5 mm

KEY FEATURES

- Affordable alternative when laying larger pipe dimensions with a considerable saving of soldering materials
- Expand without changing tools with the 6 size step Expander
- Full bearing of the expander head segments allows heavy loads
- Optimum adjustment of the socket size and capillary gap with the positive fine adjustment
- Optimised force transmission with the trapezoidal screw thread with self-lubricating bronze socket
- Guide guarantees a perfect centred position and uniform capillary gap with 6 rivets and guiding ridge

4

ROMAX® EXPANDER AC ECO MAXI

Electro-hydraulic expander with constant axial thrust, 230 Volt connection. For expanding and calibrating pipes up to Ø 108 mm (4.1/8"), as well as producing reductions



Made in Germany

Product Profile

APPLICATION AREA

Suitable for pipes made of:

Copper (soft, semi-soft) Ø 35 - 108 mm (1.3/8" - 4.1/8")
Aluminium: max. wall thickness 2.5 mm

KEY FEATURES

- Optimally suited for batch production and large building sites
- Constant thrust with CFT®
- User safety with the easy to reach emergency stop switch

KEY FEATURES

- Long service life and high functional safety
- The expansion / calibration takes place after pressing and holding the switch
- Large working radius with the 5 m long cable

TECHNICAL DATA

Weight: ca. 13.7 kg
Motor: 230 V / 50 Hz

Balanced weight distribution

Secure hold in every working position,
ideal for one-handed use

Emergency stop switch

High user safety due to the interruption of the feed and the discharge of the expander head

Fully automatic expanding process

6-fold step expander

Expands without changing tools from
35 up to 108 mm (1.3/8" - 4.1/8")

2. Switch directly within reach

Various holding positions possible, even
in confined spaces (over head)

Article available upon request*!



CFT®
(Constant Force Technology)

For a constant axial thrust

*Availability, delivery time and price of custom products for other pipe diameters available on request

Expanding, Extracting, Flaring

Expanding electric

ROMAX® EXPANDER Compact

Compact, electro-hydraulic expander with a constant axial thrust of 19 kN and 12 Volt battery for portable operation, for expanding, reducing and calibrating pipes up to Ø 67 mm (2.1/2")



Made in Germany!

Product Profile

APPLICATION AREA

Suitable for pipes made of:

Copper, aluminium (soft): max. Ø 67 mm and/or 2.1/2"
max. wall thickness 2 mm

Aluminium and Precision steel (soft): max. Ø 67 mm or 2.1/2"
max. wall thickness 1 mm

Stainless steel: max. Ø 15 mm
max. wall thickness 1 mm

KEY FEATURES

- Portable operation with the battery and AC adaptor (accessories)
- Increases the operating life of the expander head
- Constant axial thrust with CFT®

KEY FEATURES

- Accurate adjustment of the capillary gap
- Specially matched for expander heads Type Standard, Type S or PE-X for excellent expansion results
- User safety with the easy to reach emergency switch
- Reliable hold in any position

TECHNICAL DATA

Dimensions:	only 370 x 70 x 90 mm
Weight:	approx. 2.6 kg
Power supply:	Li-ion battery 14.4 V / 2.6 Ah Mains adaptor 230 V / 50-60 Hz 110 V on request
Working temperature:	-10° up to +60° C

**Aluminium and precision steel (soft)
up to max. 1 mm wall thickness!**



**CFT® (Constant Force Technology)
for a constant axial thrust**

Expansion up to Ø 67 mm (copper)
on Ø 15 mm (stainless steel)

Internal piston block

Increases the operating life of the expander head, only the actual power needed is conveyed to the expander head



Li-ion technology

Up to 100% more expansions*

Toolless KSO adjustment possible

Accurate adjustment of the capillary gap

Matched pin for each type of expander head

Specially matched for the Expander heads, Type Standard, Type S or PE-X for excellent expansion results

Balanced weight distribution

Reliable hold in any position, ideal for one-handed operation

Emergency stop switch

High user safety with the immediate halt of the feed and reduction of the expander head load

Battery operation

Portable operation with battery and AC adaptor (accessories)

High savings potential

- Efficient, fitting-free installation of pipes in sanitary, heating, gas, refrigeration and air-conditioning systems
- Eliminates the cost of purchase and storage of fittings
- 50% reduction of soldering materials and energy

All-round application

- Expander head receiver is compatible with ROTHENBERGER expander heads
- Choice between the expander head standard, Type S or PE-X

* in comparison to ROTHENBERGER NiMH battery

Expanding, Extracting, Flaring

Expanding electric

ROMAX® EXPANDER Compact Basic Sets

5-part Basic Set I includes: ROMAX® EXPANDER Compact (No. 015714P), 1 Li-Ion- battery 14,4 V / 2,6 Ah (No. 15418), quick charger (No. 15017), Graphit grease (No. 26498), plastic carrying case (No. 015016L) without expander heads



All ROMAX® EXPANDER Compact with a Li-ion battery!

DUAL-POWER 14.4 or 230 Volt!

4

5 m cable length!

Large working radius



Fig. Power supply unit 230 V (accessory) with 5 m long cable (No. 15037)

Fig. Similar, ROMAX® EXPANDER Set Basic

Universal adaptor for
ROTHENBERGER Expander Heads



Compatible with
ROTHENBERGER Expander Heads



Workbench function
with the stable surface support



Emergency stop switch



Description	Description	☐	⚖️	No.
ROMAX® Expander Compact Basic Set I	expander heads standard	1	1.11	15714
ROMAX® Expander Compact Basic Set II	expander heads type S	1	1.11	15715
ROMAX® Expander Compact Basic Set III	expander heads type PE-X	1	1.11	15716
Expander heads / PE-X expander heads see 📖 89				

ACCESSORIES



Description	No.	Description	📖	No.
ROMAX® EXPANDER Compact replacement battery	15418	Internal / External deburrer	27	
ROMAX® EXPANDER Compact charger 230 V	15017	Brazing (SUPER FIRE 3 mit MAPP®-GAS)	138 - 139	
ROMAX® EXPANDER Compact power supply	15037	Brazing solder	169 - 171	
Pipecutter	15016	Plastic case with formed inlay		015016L

Expanding, Extracting, Flaring

Expanding hydraulic

Hydraulic Expander System H 600

For expanding, reducing and calibrating normal and thick walled pipes in batch production, as well as the production of tapers

Made in Germany!



Product Profile

APPLICATION AREA

Suitable for normal and thick walled pipes made of:
Copper and aluminium: Ø 8 - 110 mm, 5/16 - 4.1/4" max. wall thickness 3.0 mm
Precision and stainless steel: Ø 8 - 110 mm, 5/16 - 4.1/4" max. wall thickness 3.0 mm

KEY FEATURES

- Individual modular design
- Industrial quality expansions
- Proper and efficient handling of material

TECHNICAL DATA

Rated power: 1.2 kW
Rated current: 2.1 A
Operating pressure: 80 - 600 bar
Max. operating pressure: 700 bar
Delivery capacity: 0.82 l / min
Safety category: IP 54
Actuation: 400 V / 1200 W

4



On-off switch with control light
 Allows set-up and auto-mode

Continuous, accurate and adjustable operating power with set-up and auto-mode
 Allows proper, efficient handling of material

Individual modular design
 Connections for safety foot pedal, control wires for the expander pistol H 1 and/or H 2, quick coupling for hydraulic hose

Powerful 400 V / 1200 W drive
 Quick expansion of large, thick-walled pipes

Fine adjustment of the tube socket size
 Industrial quality expansions

Suitable for all types of expander heads
 Multi-functional

Scope of delivery (No. 13100) includes: Electro-Hydraulic Expander System H 600 complete with hydraulic unit H 600 (No. 13002), expander pistol H 1 (No. 12001), control cable, hydraulic hose 2.5 m with circuit points, adjusting tool, tool rack (No. 13023), safety foot pedal and hydraulic oil 1 l (No. 58185). (without expander heads)
 Scope of delivery (No. 13002) includes: Electro-hydraulic unit H 600 with safety foot pedal, adjusting tool, tool rack (No. 13023), and hydraulic oil 1 l (No. 58185). (Without expander heads)

Model	kg	No.
Hydraulic System complete, without heads	36.0	13100
Hydraulic Tool H 600	33.1	13002
Foot pedal H 600 with 3 m cable	0.5	12013

Expanding, Extracting, Flaring

Expanding hydraulic

Electro-Hydraulic Expander Pistol H1

Product Profile

APPLICATION AREA

Expander heads Standard: Ø 8 - 42 mm, 5/16 - 1.3/4"
up to 1.6 mm wall thickness

**Expander heads Type S
(with adaptor No. 11007)** Ø 22 - 67 mm, 1 - 2.1/2"
up to 2.5 mm wall thickness



Expander Pistol H
(No. 12001)

Adaptor (No. 11007)

Scope of delivery: 2.5 m control cable (No. F88928), hydraulic hose (No. 12023), Adjusting tool (No. 12017), hydraulic oil 1 l (No. 58185)

Model	kg	No.
Electro-Hydraulic Expander Pistol H 1	2.9	12001
S-Head adaptor for H 1	0.6	11007
Adjusting tool for H 1	0.9	12017

4

Electro-Hydraulic Expander Pistol H2

For use with Electro-Hydraulic Unit H 600

Product Profile

APPLICATION AREA

**Expander heads Type S:
with adaptor (No. 12097)** Ø 22 - 67 mm, 1 - 2.1/2"
up to 2.5 mm wall thickness

**Expander heads H 2:
Type 2** Ø 28 - 70 mm, 1.1/8 - 2.3/4"
up to 2.5 mm wall thickness

**Expander heads H 2:
Type 3** Ø 70 - 110 mm, 2.3/4 - 4.1/4"
up to 3.0 mm wall thickness



Expander Pistol H 2
(No. 12003) Fig. Similar

Adaptor
(No. 12097)

Adjusting tool
(No. 12018)

H 2 / Type 3

H 2 / Type 2

Scope of delivery: Electro-Hydraulic Expander Pistol, 2.5 m control cable, hydraulic hose with quick coupling for H 600 and adjusting tool (without expander heads)

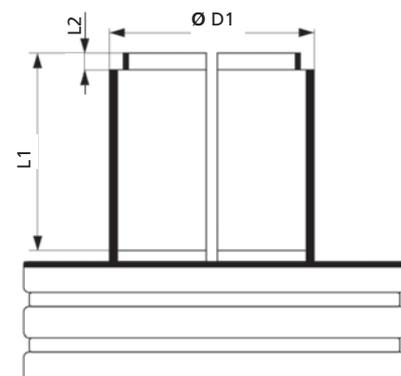
Model	kg	No.
Electro-Hydraulic Expander Pistol H 2	7.5	12002
Expander heads H2/Type 2, 28 - 70 mm	2.5	12078
Expander heads H2/Type 3, 70 - 110 mm	3.0	12080
S-head adaptor for H 2	1.1	12097
Adjusting tool for H2	0.9	12018

Custom-Made Products* Riveted Expander Heads H2

Only one head necessary for every pipe diameter.

When ordering, please fill out form and state the applicable dimensions L1 / L2 / D1

*** Availability, delivery time and price available on request!**



Examples of a custom order

Expanding, Extracting, Flaring

Accessories Expanding

Expander-Adaptor Type S

To increase the application area of the ROCAM® EXPANDER Power Torque, Expander Pistol H1/H2, EXPANDER A0/A1 and ROMAX EXPANDER Compact

Allows the use of the expander heads Type S with copper pipe (soft) up to 67 mm and/or 2.1/2"!



No. 11007 Expander adaptor for ROCAM® EXPANDER Power Torque or Expander Pistol H1



No. 12097 Expander adaptor for Expander Pistol H2

Model	max.	max. mm	kg	No.
Adaptor Type S, without expander heads	67 mm and/or 2.1/2"	2,0	0.6	11007
Adaptor Type S, without expander heads	67 mm and/or 2.1/2"	2,5	1.1	12097

	Expander Head ROLOCK	Expander Head Standard	Expander Head Type S	Riveted Expander Head	Expander Head PE-X	Expander Head H2, Type 2 & 3	Stepped Expander Head
ROLOCK EXPANDER Power Torque 	●	●		●	○	○	○
ROCAM® EXPANDER Power Torque 	○	●		●	● No. 12005	○	○
EXPANDER A0 	○	○	●	○	○	○	○
EXPANDER A1 	○	○	○	○	○	○	●
ROMAX® EXPANDER Compact 	○	● No. 15714	 No. 15714 ● No. 15715	● No. 15714	● No. 15716	○	○
ROMAX® EXPANDER AC ECO MAXI 	○	○	○	○	○	○	●
Expander Pistol H1 	○	●		●	○	○	○
Expander Pistol H2 Similar to photo	○	○		○	○	●	○

● Expander head without adaptor can be used

○ Expander head can not be used

Fig.: Can be used with the appropriate adaptor (pictured)

Expanding, Extracting, Flaring

Expanding & Extracting Manual

COMBI KIT Expander / Tee-Extractor

Practical, compact and cost-saving set combinations with with ROCAM and ROLOCK EXPANDER Power Torque and Tee-Extractors. For all common pipe dimensions \varnothing 12 - 28 mm (1/2 - 1.1/8")

Made in Germany!

The know-how from the pioneer of expanding technology and the leading manufacturer of expanding tools for over 40 years!



Product Profile

APPLICATION AREA

Suitable for pipes made of copper, aluminium and steel (soft): \varnothing 12 - 28 mm and 1/2 - 1.1/8"

KEY FEATURES

- Increases safety by reducing the number of connections
- Suitable for making branches even in confined spaces through the compact design

KEY FEATURES

- Fine adjustment of the capillary gap using the KSO-screw
- Reduces effort required and increases work space
- Up to 67% reduction of soldering materials and soldered joints
- Accurate drilling
- Saves resources by converting scrap pipes into fittings
- Reliable pipe connections to DVGW standards

4



EPT®-Technology

Concealed bent lever

Largest possible expansion size and capillary gap using the adjustable KSO-screw



Professional Extractions

Up to 67% reduction of soldering materials and soldered joints

Long handles

Reduces effort required and increases work space

Utilisation of material

Saves resources by converting scrap pipes into fittings

UNIDRILL® Automatic 28 / 42

Accurate drilling

No. 21583 /
No. 21575

Scale and cam depth adjustment

Extractor Cam Pincer

Limits insertion depth for \varnothing 12 - 42 mm (1/2 - 1.5/8")

No. 22080



COMBI KIT Set includes: ROCAM® EXPANDER Power Torque (No. 12000), Standard expander heads, tee-extractor, special ratchet (No. 22081), UNIDRILL® Automatic 28 (No. 21583), extractor cam pincer (No. 22080), steel carrying case (No. 24022)

COMBI KIT Set includes: ROLOCK EXPANDER Power Torque (No. 12400), ROLOCK expander heads, tee-extractor, special ratchet (No. 22081), UNIDRILL® Automatic 28 (No. 21583), extractor cam pincer (No. 22080), steel carrying case (No. 24022)

Model	Description	kg	📦	No.
COMBI KIT	12 - 15 - 18 - 22 mm	4.4	1	011180X
COMBI KIT	12 - 14 - 16 - 18 mm	2.6	1	011186X
COMBI KIT	1/2 - 5/8 - 7/8 - 1.1/8"	2.8	1	011194X

Model	Description	kg	📦	No.
ROLOCK COMBI KIT	12 - 15 - 18 - 22 mm	4.4	1	12601
ROLOCK COMBI KIT	12 - 14 - 16 - 18 mm	2.6	1	12602
ROLOCK COMBI KIT	1/2 - 5/8 - 7/8 - 1.1/8"	2.8	1	12604
ROLOCK COMBI KIT	1/2 - 3/4 - 1	2.5	1	12605

Tee-Extractor Sets

For efficient production of T-branches (extractions) for fitting-free pipe installations, Ø 12 - 42 mm (3/8 - 2.1/8")

Made in Germany!

The know-how from the pioneer of expanding technology and the leading manufacturer of expanding tools for over 40 years!



Product Profile

APPLICATION AREA

Suitable for pipes made of:

Copper (soft, semi-, hard):	12 - 42 mm, 3/8 - 2.1/8" max. wall thickness 2.5 mm
Aluminium:	12 - 42 mm, 3/8 - 2.1/8" max. wall thickness 2.5 mm
Precision steel:	12 - 42 mm, 3/8 - 2.1/8" max. wall thickness 2.5 mm

KEY FEATURES

- Eliminates the cost for T-pieces, purchase and storage of fittings
- Extractions even on installed pipes possible
- Accurate drilling
- Optimal positioning with the cam pincher depth adjustment

Scale and cam depth adjustment



Extractor Cam Pincer

Limits insertion depth for Ø 12 - 42 mm (1/2 - 1.5/8")

No. 22081

Optimum capillary gap

Professional extractions

Limits the insertion depth

Optimal positioning

No pipe removal

Extractions even on installed pipes possible

UNIDRILL® Automatic 28 / 42

Accurate drilling



No. 21583 /
No. 21575

Tee-Extractor sets include: Tee-Extractor according to chart, special ratchet (No. 22081), cam pincer (No. 22080) and special conical drill, UNIDRILL® Automatic 42 (No. 21575), in steel carrying case (No. 24022)



Model	Description	kg		No.
Tee-Extractor set 12 - 15 - 18 - 22 mm		3.4	1	22100
Tee-Extractor set 12 - 15 - 22 - 28 mm		3.6	1	22101
Tee-Extractor set 12 - 15 - 18 - 22 - 28 mm		3.9	1	22103
Tee-Extractor set 10 - 12 - 15 - 18 - 22 mm		3.5	1	22102
Tee-Extractor set 12 - 14 - 16 - 18 - 22 mm		3.6	1	22109
Tee-Extractor set 10 - 12 - 14 - 16 - 18 - 22 mm		3.7	1	22111
Tee-Extractor set 12 - 15 - 18 - 22 - 28 - 35 - 42 mm		5.5	1	22126
Tee-Extractor set 15 - 22 - 28 mm		3.6	1	22127
Tee-Extractor set 1/2 - 5/8 - 3/4 - 7/8"		3.4	1	22121
Tee-Extractor set 1/2 - 5/8 - 7/8 - 1.1/8"		3.7	1	22124
Tee-Extractor set 1/2 - 3/4 - 1"		3.3	1	22135

Expanding, Extracting, Flaring

Extracting Manual

Tee-Extractor

Tee-Extractor with double v-block for accurate 90° branches, Ø 10 - 54 mm (3/8 - 2.1/8")

Product Profile

KEY FEATURES

- Uniform and proper material extraction without scratches or burrs
- Burr-free operation with the specially polished extractor hooks
- Easy insertion into the drilled hole with the special trapezoidal screw thread
- Accurate and firm positioning for exact 90° branches

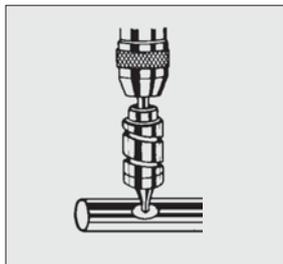
4

mm / inch	mm	Drill Ø mm	SW mm	g	No.
10	1.0	6	11	130	22010
12	1.0	7	11	150	22012
14	1.0	8	11	160	22014
15	1.0	8	11	160	22015
16	1.0	8	11	220	22016
18	2.0	10	11	220	22018
22	2.0	12	11	350	22022
28	2.5	15	11	470	22028
32	2.5	19	11	700	22032
35	2.5	22	11	700	22035
38	2.5	22	11	700	22038
42	2.5	26	11	890	22042
54	2.5	30	19	1380	22054
3/8"	1.0	6	11	110	22060
1/2"	1.0	7	11	140	22061
5/8"	1.0	8	11	220	22016
3/4"	2.0	10	11	220	22062
7/8"	2.0	12	11	350	22063

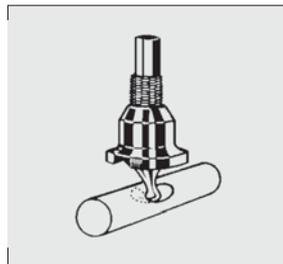
● Hexagon ■ Square

mm	g	No.	inch	g	No.
10	60	22210	3/8"	60	22260
12	70	22212	1/2"	70	22261
14	90	22214	5/8"	140	22216
15	90	22215	3/4"	140	22263
16	140	22216	7/8"	200	22264
18	140	22218	1"	210	22265
22	210	22222	1.1/8"	220	22266
28	220	22228	1.1/4"	270	22267
35	290	22235	1.3/8"	290	22235
38	290	22268	1.1/2"	290	22268
42	320	22242	1.5/8"	320	22270
54	560	22254	2"	520	22246
			2.1/8"	560	22254

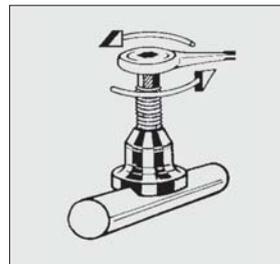
Precise drilling of the pipe without a centre punch – drill stop prevents perforation of the pipe



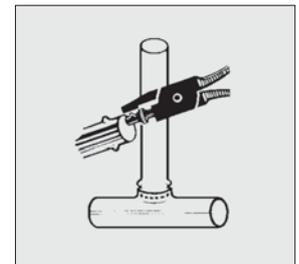
Insert extractor hook into the drilled hole and screw the bell firmly against the drill hole



Using the ratchet, turn the extractor to the left, while paying attention that the v-block is seated securely



After extraction, set correct insertion depth (dependant on pipe Ø) with cam pincer



Simply calibrate the tee Ø on the UNIDRILL® Automatic and the drilled hole Ø will automatically correspond to the extractor hook required



Double V-block

Accurate and firm positioning for exact 90° branches

Specially polished, forged and tempered extractor hooks

Burr-free operation

Special hook design

Easy insertion into the drilled hole

Ratchet adaptor (No. F80053 and F80054) with No. 22050 / 22054 included in scope of delivery (square, 3/4")



mm / inch	mm	Drill-Ø mm	SW mm	g	No.
1"	2.5	14	11	470	22064
1.1/8"	2.5	15	11	480	22065
1.1/4"	2.5	19	11	700	22066
1.3/8"	2.5	22	11	700	22035
1.1/2"	2.5	22	11	700	22038
1.5/8"	2.5	26	11	900	22068
2"	2.5	30	19	1380	22050
2.1/8"	2.5	30	19	1380	22054

Accessories

Socket 19 mm

F80053

Square connection 3/4"

F80054

Spare Extractor Hooks

Forged hooks, specially polished, tempered from Ø 10 - 54 mm (3/8 - 2.1/8")



Note: For copper pipes (soft), the use of an extractor support is recommended! (93)

Tee-Extractor Ratchet

Chrome vanadium steel, fine toothed and right/left reversible



No. 22081



No. 27181

Model	SW	g	No.
10 - 42 mm, 3/8 - 1.3/4"	11 mm	435	22081
54 - 70 mm, 2 - 2.1/8"	3/4"	1140	27181

Extractor Cam Pincer

KEY FEATURES

- Identification point marks insertion depth exactly and prevents over-insertion
- Cam depth adjustment wheel with scale



mm	inch	mm	g	No.
12 - 42	1/2 - 1.5/8"	150	170	22080

EVERCOOL

Drill and extraction paste

KEY FEATURES

- Longer tool life
- All-purpose use except for drinking water installation
- Suitable for aluminium and precision steel
- Easy application with the integrated pen for applying the paste



Description	Content	g	No.
EVERCOOL	50 g	80	21549

UNIDRILL® Automatic 28 / 42

HSS special conical drill

KEY FEATURES

- Fast, burr-free drilling
- Precise location without need for centre punch special drill tip
- Calibrated drill Ø automatically corresponds to the correct extractor hook and branch size
- Drill stop prevents damage to pipe walls

UNIDRILL® Automatic 28 / 42

Accurate drilling



No. 21583

No. 21575

Model	mm	inch	SW	g	No.
UNIDRILL® 28	10 - 28	3/8 - 1.1/8"	11	110	21583
UNIDRILL® 42	10 - 42	3/8 - 1.5/8"	11	430	21575

Extractor Support

KEY FEATURES

- Prevents deformation during extraction, especially for soft pipe material



Extractor support plates

Prevents deformation during extraction

Mainpipe	Branchpipe	g	No.
22 mm	18 mm	250	22157
5/8"	1/2"	170	22153
3/4"	5/8"	250	22172
7/8"	3/4"	250	22157

Expanding, Extracting, Flaring

Flaring

Precision Double Flaring Press DB 10

For standard precision expands according to DIN 74234
 Ø 4.75 - 10 mm, wall thickness 0.7 - 1.0 mm

Product Profile

APPLICATION AREA

On copper, aluminium and steel pipes, seamless pipes and double-walled pipes, for example Bundy® pipe, and KUNIFER brake pipes

KEY FEATURES

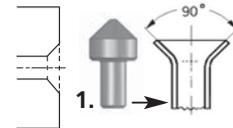
- Ideal for endless pipes
- For several flaring profiles, wall thickness 0.7 - 1 mm
- Universal use with the pluggable pressure cone
- Accurate and reproducible results
- Clamping block for several pipe diameters
- Reliable hold with the 25 mm pipe clamping length
- Suitable for clamping in a vice

4

Formation of the various flares made possible with the appropriate flaring attachments

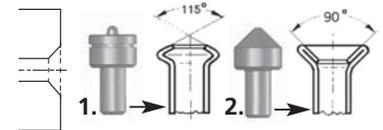
E-contour, simple flare:

- Standard flaring contour



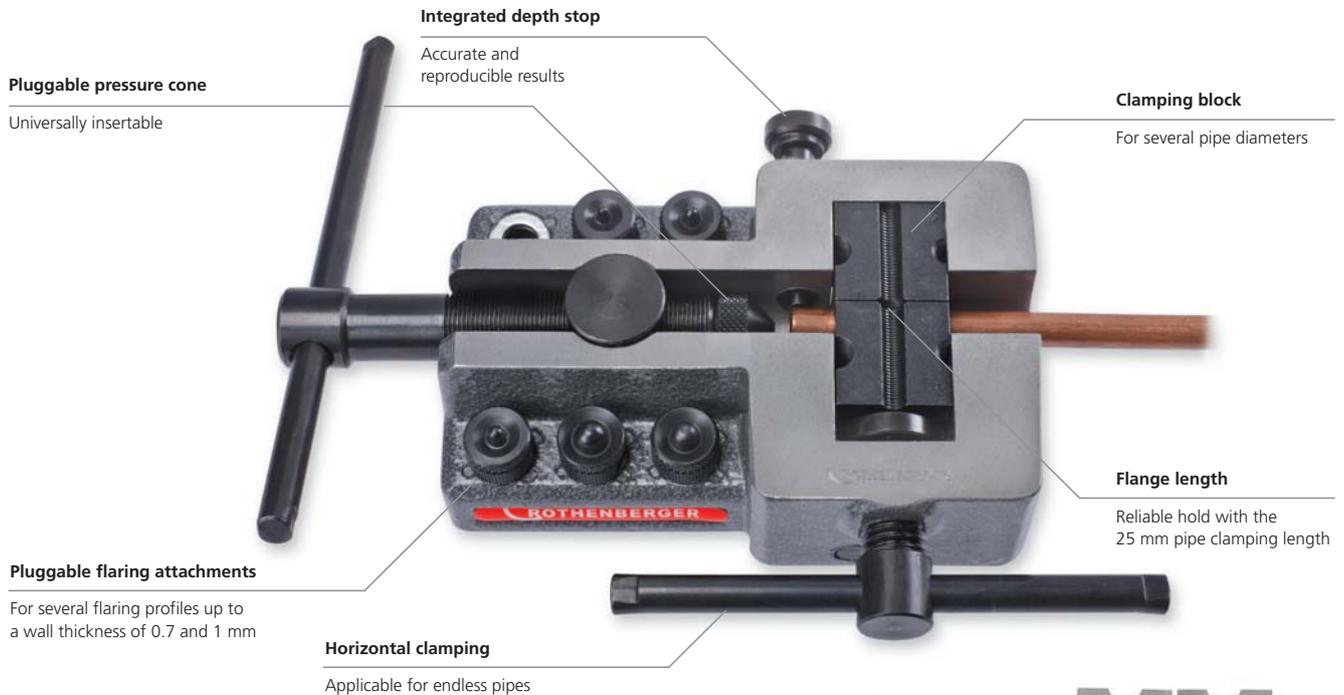
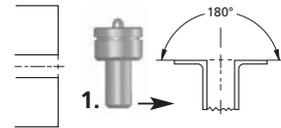
D-contour, double flare:

- Extension of brake and/or hydraulic lines
- Connection by means of coupling rings, sealed by means of flaring surface



180° flares:

- Mounting using coupling ring, for example hydraulic transmission valve and / or distributor block
- Seal between drill-hole and flaring surface



Set (No. 26013) includes: Basic tool with pressure cone (No. 26010), flaring attachments, 1 set of clamping blocks (No. 26011)

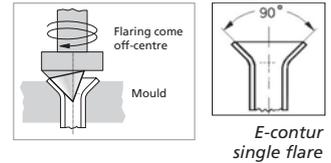
Description	mm	kg	No.
DB 10 set	4.75 - 5 - 6 - 8 - 9 - 10 mm	2.64	26013
Flaring attachments 4.75 / 5 mm		0.20	26001
Flaring attachments 6 mm		0.20	26002
Flaring attachments 8 mm		0.20	26003
Flaring attachments 9 mm		0.20	26004
Flaring attachments 10 mm		0.20	26005

Description	mm	g	No.
Pressure cone		20	26010
Clamping spindle		90	26015
Flaring spindle		300	26016
Distance bolt		30	26017
Set of clamping blocks (2 pc.) for Pipes 4,75 - 5 - 6 - 8 - 9 - 10 mm		190	26011

ROFLARE REVOLVER

Revolver reeling flaring tool

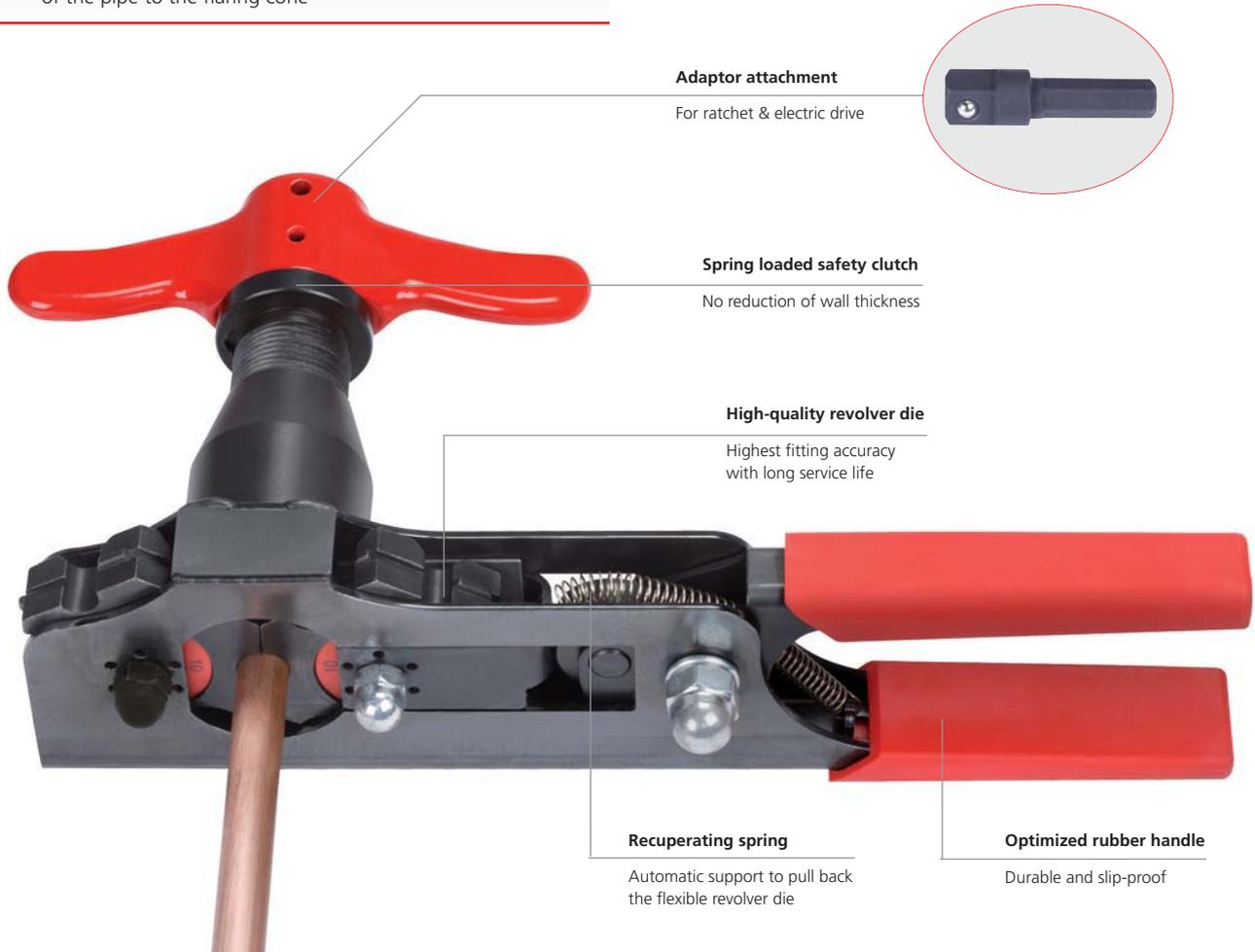
For the reliable and fast production of standard single 45° flares in accordance with EN 14276-2 and JIS B8607:2008 on copper soft pipes Ø 6 - 18 mm and 1/4 - 3/4"



Product Profile

KEY FEATURES

- Guaranteed norm flares
- Produces leak free joints
- One-handed quick clamping system
- **Automatic depth stop:** perfect positioning of the pipe to the flaring cone



Adaptor attachment

For ratchet & electric drive



Spring loaded safety clutch

No reduction of wall thickness

High-quality revolver die

Highest fitting accuracy with long service life

Recuperating spring

Automatic support to pull back the flexible revolver die

Optimized rubber handle

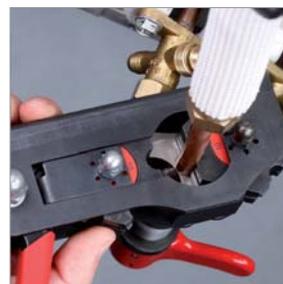
Durable and slip-proof

Set (1000000230) includes: ROFLARE REVOLVER metric incl. ratchet adaptor, dies Ø 6, 8, 10, 12, 16 and 18 mm, pipe cutter ROTRAC 28 PLUS CHROM Limited Edition (1000000046), in blister pack

Set (1000000231) includes: ROFLARE REVOLVER imperial incl. ratchet adaptor, dies Ø 1/4, 5/16, 3/8, 1/2, 5/8 and 3/4", pipe cutter ROTRAC 28 PLUS CHROM Limited Edition (1000000046), in blister pack

Model	No.
Set, metric with ROTRAC 28 PLUS CHROM Limited Edition	1000000230
Set, imperial with ROTRAC 28 PLUS CHROM Limited Edition	1000000231
Metric, Ø 6, 8, 10, 12, 16, 18 mm	1000000222
Imperial, Ø 1/4, 5/16, 3/8, 1/2, 5/8, 3/4"	1000000223

Compact design enables use in confined spaces



Automatic depth stop: Perfect positioning of the pipe to the flare cone



Expanding, Extracting, Flaring

Flaring

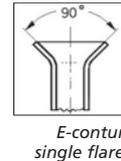
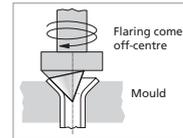
Reeling Flaring Tool

For producing precision 45° single flares on copper pipes
 Ø 6 - 18 mm (1/8 - 3/4")

Product Profile

KEY FEATURES

- Controlled expanding and shaping of the pipe without tearing
- No reduction in wall thickness
- No slipping of the pipe
- Sturdy and long lasting



No. 222401, No. 222402,
No. 222403

Square connection

For manual operation, for example
cordless screwdriver

Spring-loaded slide coupling

No reduction in wall thickness

Made from forged steel

Tough and long-lasting

Self-centring die

Highest flare precision

Adaptor for cordless screwdriver

Die available in metric
and imperial sizes

Pipe will not slip



4



Flare cone rotates off-centre in needle bearings

Controlled expanding and
shaping of the pipe end
without tearing

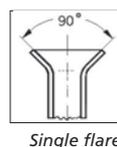
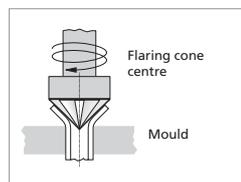
Reeling Flaring Tool set includes: Reeling Flaring Tool in plastic case
with mould in metric and/or imperial format

Description	mm / inch	No.
Set EB 6 - 8 - 10 - 12 - 14 - 15 - 16 - 18 mm	1/8 - 3/16 - 1/4 - 5/16 - 3/8 - 1/2 - 5/8 - 3/4"	222401
Set EB 1/8 - 3/16 - 1/4 - 5/16 - 3/8 - 1/2 - 5/8 - 3/4"	6 - 8 - 10 - 12 - 14 - 15 - 16 - 18 mm	222402
Set EB 6 - 8 - 10 - 12 - 14 - 15 - 16 - 18 mm		222403
Dies		
metric 6 - 8 - 10 - 12 - 14 - 15 - 16 - 18 mm		222413
imperial 1/8 - 3/16 - 1/4 - 5/16 - 3/8 - 1/2 - 5/8 - 3/4"		222412

Universal Flaring Tool

For producing precision 45° single flares on copper
pipes Ø 4 - 16 mm (3/16 - 5/8")

- Universal application and highest flare precision through self-centring pipe clamp for all diameters
- Controlled flaring without tearing, forming perfect surfaces
- Hardened flare cone with special geometry



Universal Flaring Tool set (No. 222601) includes: Universal Flaring Tool for pipe
diameters 4 - 16 mm, 3/16 - 5/8", in plastic case

Model	mm	inch	kg	No.
Set EB	4 - 16 mm	3/16 - 5/8"	900	222601

Flaring and Bending Set

Universal application in industry and small
trade by sanitary and heating installations,
refrigeration and air-conditioning technology,
auto and hydraulic technology



Flaring and bending set (No. 26020) includes: MINICUT I, Ø 3 - 16 mm (No. 70401),
internal and external deburrer, Ø 4 - 36 mm (No. 11006), double flare press DB 10
(No. 26013), TUBE BENDER set, Ø 4,75 - 10 mm (No. 24112), steel carrying case
(No. 24022)

Model	mm	kg	No.
Flaring / Bending set	4,75 - 5 - 6 - 8 - 9 - 10	5,5	26020

Expanding, Extracting, Flaring

Flaring

ROTORQUE AIRCON / REFRIGERATION

Step-less torque wrench

Product Profile

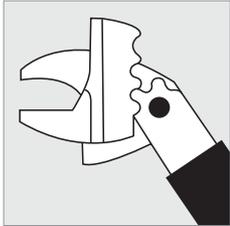
APPLICATION AREA

Self-locking rack and pinion drive enables quick and reliable fastening of flare nuts sizes 15 - 32 mm in accordance with EN 378-2:2012-08

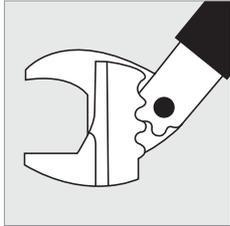
KEY FEATURES

- Always fits, covers all flare nut sizes from 15 - 32 mm
- Won't slip thanks to the self-locking rack and pinion drive and ratchet function
- Simple and reliable: required torque in accordance with EN 378-2:2012-08 is embossed on the head for every size and can not be rubbed off
- Embossed torque data: easy tightening according to norm
- ROTORQUE REFRIGERATION is suitable for cylinder heads' work

Closed head



Fully opened head



ROTORQUE sets include: Torque wrench, head, carrying bag

Model	kg	No.
ROTORQUE AIRCON	1.5	1000000224
ROTORQUE REFRIGERATION	1.4	1000000225

Connection 9 x 12

Head can be exchanged between ROTORQUE AIRCON and ROTORQUE REFRIGERATION

All-In-One: One head fits all sizes!



The torque can be read off

Always tighten according to the standard

ROTORQUE AIRCON Torque wrench

- 10 – 110 Nm
- ± 4% accuracy
- 1 Nm adjustment steps

ROTORQUE REFRIGERATION Torque wrench

- 10 – 70 Nm
- ± 3% accuracy
- 1/2 Nm adjustment steps
- Suitable for cylinder heads' work



Fig. ROTORQUE AIRCON torque wrench



Fig. ROTORQUE REFRIGERATION torque wrench

Torque Wrench Set

For proper tightening of flange connections

Set with adjustable torque wrench (10-70 Nm) and 6 spanner inserts sizes 17, 22, 24, 26, 27 and 29 mm for flange connections on 1/4", 3/8", 1/2" and 5/8" pipe lines according to DIN EN 378-2 : 2012-08



Fix with torque urgently necessary!

8 piece set (No. 175001) includes: spanner wrench sizes 17, 22, 24, 26, 27, 29 mm, torque wrench, carrying bag

Pipe-Ø	Spanner width	Locking torque
1/4" / 6 mm	17 mm	14-18 Nm
3/8" / 10 mm	22 mm	33-42 Nm
1/2" / 12 mm	24 mm	50-62 Nm
1/2" / 12 mm	26 mm	50-62 Nm
5/8" / 15/16 mm	27 mm	63-77 Nm
5/8" / 15/16 mm	29 mm	63-77 Nm

Model	kg	No.
Torque wrench set, 8 piece	3.5	175001



ONE
of
6.000

**Premium tools for
professionals!**

5



Pressing

System Overview Pressing Technology	104 - 105
Press Machines Compact	106 - 107
Press Machines Standard	108 - 111
Press Jaws & Interchangeable Press Jaws Compact	112
Press Jaws Standard	113
3-elemental Standard Press Jaws	113
Pressing Collars Standard	114
Press Jaws Overview	115 - 121



Do you want to know more about our products? Please scan the QR-Code!

Pressing Technology

System Overview

5

	Press Machines Standard			Press Machines Compact
	ROMAX® 3000	ROMAX® 3000 AC	ROMAX® AC ECO	ROMAX® Compact
Operation mode:	electrohydraulic	electrohydraulic	electrohydraulic	electrohydraulic
Jaw fixture rotatable:	270°	270°	270°	270°
CFT® (Constant Force Technology):	✓	✓	✓	✓
Controlled Press Cycle:	✓	✓	✓	✓
Piston force / Hub:	32 kN / 40 mm	32 kN / 40 mm	32 kN / 40 mm	19 kN / 30 mm
Service interval:	20.000 Pressings	20.000 Pressings	10.000 Pressings	10.000 Pressings
LED:	✓	✓	–	–
Approx. pressing cycle time:	5 sec.	5 sec.	7 sec.	6 sec.
Dimensions:	445 x 125 x 75 mm	460 x 120 x 90 mm	415 x 180 x 80 mm	400 x 70 x 90 mm
Cable length:	–	5 m	5 m	–
Cable length main adaptor:	5 m	–	–	5 m
Weight:	3,6 kg	3,8 kg	4,5 kg	2,6 kg
Battery:	✓	–	–	✓
Page	108, 109	110	111	106, 107

ROTHENBERGER Constant Force Technology

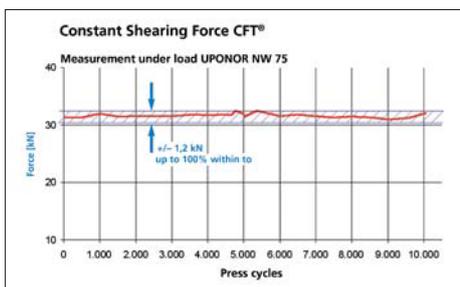
The CFT® guarantees a constant axial pressing force over the entire service interval. A very important requirement for the production of sealed press connections CFT® guarantees:

ROMAX® Compact 19-21 kN for 10.000 Press cycles

ROMAX® AC ECO 32-34 kN for 10.000 Press cycles

ROMAX® 3000 32-34 kN for 20.000 Press cycles

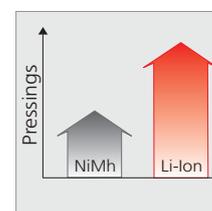
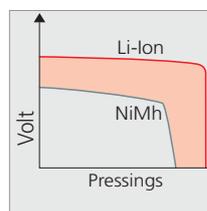
ROMAX® 3000 AC 32-34 kN for 20.000 Press cycles



ROTHENBERGER Li-Ion Technology

The pressing tools ROMAX® Compact and ROMAX® 3000 are equipped with the newest Li-ion technology. Li-ion batteries have many advantages compared to standard battery technology:

- High energy density - up to 100% more pressing per charge compared to the ROTHENBERGER NiMH battery
- Low weight - 30% weight savings
- Cold-resistant - even at near freezing temperatures
- Lowest self-discharge - can be stored up to 12 months
- No memory effect - can be charged at any time
- Constant energy from the first until the last pressing



	Press Jaws Standard			Press Jaws Compact	
	Press Jaws Standard	3-elemental Press Jaws	Press Collars	Press Jaws Compact	Interchangeable Press Jaws Compact
Working range Metal:	Ø 12 - 54 mm	Ø 42 - 54 mm	Ø 42 - 54 mm	Ø 12 - 28 mm	–
Working range Multilayer:	Ø 12 - 40 mm	–	Ø 40 - 110 mm	Ø 12 - 40 mm	Ø 12 - 32 mm
Snap on:	–	–	✓	–	–
Special hardening process:	✓	✓	✓	✓	✓
Long-term corrosion protection:	✓	✓	✓	✓	✓
3 bolt synchronized mechanism:	✓	✓	–	✓	✓
Precision-manufactured contour:	✓	✓	✓	✓	✓
Page	113	113	114	112	112

System obligation

The user **is not forced** to purchase different press jaws and/or press machines for each system from the same system manufacturer. No law, no DIN-standard nor the DVGW process sheet requires system dependence. No craftsman is obliged to use only the press tools or press jaws from one (fittings / pipe) system manufacturer



Controlled press cycle

After reaching a predetermined pressing force the press cycle switches off automatically. The piston retracts after the necessary pressing force has been reached. This guarantees uniform and reliable pressings analogue to the requirement of leading system manufacturers.



Electronic control

The electronics of the ROMAX® Compact and the ROMAX® 3000 provide for a safe pressing cycle:

- Control of the battery charge status
- Safety start-inhibitor when the battery is too low
- LED display of the service interval and any error messages



Pressing Technology

Press Machines Compact

ROMAX® Compact

Electro-hydraulic press machine, for battery and mains operation for the pressing of fittings up to Ø 40 mm (plastic/multi-layer) and/or up to Ø 28 mm (metal) with 19 kN

Made in Germany

Please observe system characteristics/benefits on pages 104 - 105!

Product Profile

APPLICATION AREA

The ROMAX® Compact is extremely light, easy to hold and with its compact design it is perfect for field use, especially in confined spaces

KEY FEATURES

- Extremely light: only 2.6 kg
- Ergonomic thanks to the rubberised handle and balanced weight distribution
- For battery and mains operation
- Work-bench function
- Controlled press cycle
- Electric control with service counter and battery status indicator
- CFT®
- Safety lock
- Emergency stop switch

TECHNICAL DATA

Dimension:	400 x 70 x 90 mm
Weight:	approx. 2.6 kg (without press jaw)
Piston force / hub:	19 kN / 30 mm
Nominal size:	Ø 12 - 28 mm (metal) Ø 12 - 40 mm (plastic/multi-layer)
Press jaw fixture:	270° rotation
Power supply:	Li-ion battery 14.4 V / 2.6 Ah Main adaptor 230 V / 50 - 60 Hz Main adaptor 110 V on request
Operating temperature:	-10° C up to +60° C
Pressings:	up to 140 with 28 mm stainless steel

PRESSING TOOLS

Press jaws:	ROTHENBERGER Compact press jaws starting on page 105
Interchangeable press jaws:	ROTHENBERGER Interchangeable press jaws starting on page 105

5



Light weight and balanced weight distribution

Fatigue-free and ergonomic use even over long periods of time

LED display

Electronic battery charge indicator, electronic counting of the press cycles (displays when service interval has been reached, further pressings are possible)

Powerful motor

Fast pressings in approx. 6 seconds

Wand-like

design enables use in installation shafts and by front-wall constructions

270° rotatable jaw fixture

For easy use in confined spaces

Safety lock

No unintentional opening because a 180° rotation is necessary

Rubberised handle

Secure hold even in wet conditions

CFT® (Constant Force Technology) for a constant axial force of 19 kN

Constant pressing force for over 10,000 press cycles

Li-ion battery technology

Up to 100% more pressings*



* compared to ROTHENBERGER NiMH batteries

Pressing Technology

Press Machines Compact

ROMAX® Compact Set Basic I

Set Basic I (No. 15020) includes: ROMAX® Compact press machine, 1x 14.4 V/2.6 Ah Li-ion battery (No. 15418), rapid charger (No. 15017), plastic carrying case (No. 15016), (without press jaws)

DUO-POWER 14.4 V or 230 V



All ROMAX® Compact have a Li-ion battery!

Made in Germany



5 m cable length
Large operating radius

Fig. Power supply (No. 15037)



Fig. ROMAX® Compact Set SV

Workbench function with stable supporting surface



Slim – compact wand-like design



Work above head



Model	Description	Press jaw mm	📦	⚖️ kg	No.
ROMAX® Compact Set Basic I	in plastic carrying case with Li-ion battery and charger	(without pressing jaw)	1	5.0	15020
ROMAX® Compact Set M	Set Basic I with press jaw Type M (Mapress, u.a.)	15 - 22 - 28	1	7.5	15023
ROMAX® Compact Set SV	Set Basic I with press jaw Type SV (Viega, u.a.)	15 - 22 - 28	1	7.5	15022
ROMAX® Compact Set TH	Set Basic I with press jaw Type TH (Henco, u.a.)	16 - 20 - 26	1	8.7	15032
ROMAX® Compact Set U	Set Basic I with press jaw Type U (UNICOR, u.a.)	16 - 20 - 25	1	7.0	15024
ROMAX® Compact Set WE Set RFz	in plastic carrying case with Li-ion battery, spare press jaws and inserts	16 - 20 - 25 - 32	1	8.7	14820
ROMAX® Compact Set WE Set U	in plastic carrying case with Li-ion battery, spare press jaws and inserts	16 - 20 - 25 - 32	1	8.7	14830

ACCESSORIES

Model	No.
ROMAX® Compact spare battery (14.4 V / 2.6 Ah, Li-Ion)	15418
ROMAX® Compact charger (230 V)	15017
ROMAX® Compact main adaptor (230 V), can be used in lieu of the battery	15037
Plastic carrying case, empty	015016L
Press jaws, interchangeable press jaws starting on 112	



Pressing Technology

Press Machines Standard

Made in Germany

ROMAX® 3000

Electro-hydraulic press machine for battery and mains operation for the system dependant pressing of fittings up to Ø110 mm* with 32 - 34 kN

Please observe system characteristics/ benefits on pages 104 - 105!

Product Profile

APPLICATION RANGE

The ROMAX® 3000 is fast, light, handy and safe. It is ideally suited for use at the building site

KEY FEATURES

- **Fast**
A pressing cycle only lasts approx. 5 seconds. The piston retracts automatically after every finished pressing
- **Safe**
CFT® guarantees the necessary pressing force. The automatic controlled press cycles ensure that the piston retracts to the starting position after the necessary pressing force has been reached
- **Light**
The extremely low weight, as well as the balanced weight distribution, ensure fatigue-free use even in continuous use

KEY FEATURES

- **Reliable & economical**
Highest quality service interval of 20,000 pressing cycles secures continuous economical use
- **Expanded operational temperature range**
The ROMAX® 3000 works perfectly; even under adverse environmental conditions. Pressing is possible between -10° C and +60° C
- **Large range**
The standard Li-ion technology allows up to 160 pressings (with Ø 28 mm stainless steel), and/or 90 pressings (with Ø 54 mm stainless steel) with each charge
- **Practical design**
The compact, wand-like design allows pressings even in confined spaces

*system dependant



Wand-like

Design allows use in installation shafts and by front-wall constructions

Rubberised handle

Secure hold even in wet conditions

2-speed switch

Light pressure activates the LED, when pressed through the pressing cycle begins

LED display

Electronic flat battery detection, electronic counting of press cycles (notifies maintenance interval), further pressings possible

Safety lock

No unintentional opening because 180° rotation is required

Press jaw fixture can be rotated 270°

For easy operation even in confined spaces

Light weight and balanced weight distribution

Fatigue-free and ergonomic use even over long periods of time

Powerful motor

Fast pressings in approx. 5 seconds

Emergency stop switch

Immediate interruption of the feed and retraction of the piston



CFT® (Constant Force Technology) for constant axial pressing force of 32 kN

Constant pressing force over 20,000 press cycles



5

Pressing Technology

Press Machines Standard

5

TECHNICAL DATA	
Dimensions:	445 x 125 x 75 mm
Weight:	approx. 3.6 kg (without press jaws)
Piston force/-hub:	32 kN / 40 mm
Nominal size:	Ø 12 - 110 mm (system dependant)
Press jaw fixture:	270° rotation
Power supply:	Li-ion battery 18 V / 3 Ah Main adaptor 230 V, 50 - 60 Hz, Main adaptor 110 V on request
Operating temperature:	-10° C up to +60° C
Pressings:	Up to 160 with 28 mm stainless steel Up to 90 with 54 mm stainless steel

PRESSING TOOLS	
Press jaws:	ROTHENBERGER standard press jaws, compatible with many other manufacturers starting on page 113
Pressing collars:	ROTHENBERGER pressing collars starting on page 114

High energy density

More pressing per charge, light weight ¹⁾



Cold-resistant

Can be used in even the lowest temperatures (-10° C up to +60° C)



No memory effect

A partially discharged battery can be fully recharged without any loss of capacity

Low self discharge

Very long shelf-life

Light



Fast



Reliable



Slim



Fig. ROMAX® 3000 set with press jaws

Basic set (No. 15800) includes: ROMAX® 3000, 18 V / 3.0 Ah Li-ion battery (No. 15810), rapid charger (No. 15811), plastic carrying case (No. 15816) (without press jaws)

Model	Description	Press jaws Ø mm	📦	⚖️	No.
ROMAX® 3000 Set Basic	in plastic carrying case with Li-ion battery and charger	(without press jaws)	1	9.8	15800
ROMAX® 3000 Set Basic II	in plastic carrying case, with 2 x Li-Ion batteries and charger	(without press jaws)	1	10,4	100000209
ROMAX® 3000 Set SV	with press jaws type SV (Viega, et al.), with Li-ion battery	15 - 22 - 28	1	14.5	15840
ROMAX® 3000 Set TH	with press jaws type TH (Henco, et al.), with Li-ion battery	16 - 20 - 26	1	14.5	15845
ROMAX® 3000 Set U	with press jaws type U (UNICOR, et al.), with Li-ion battery	16 - 20 - 25	1	14.5	15850
ROMAX® 3000 Set M	with press jaws type M (Mapress, et al.), with Li-ion battery	15 - 22 - 28	1	14.5	15855

ACCESSORIES

Model	No.
ROMAX® 3000 Li-ion battery 18 V / 3 Ah	15810
ROMAX® 3000 charger for 110-230 Volt	15811
ROMAX® 3000 main adaptor 230 Volt	15812
Plastic carrying case, empty	150000463
Press jaws, pressing collars starting on 113	



¹⁾ Compared to the ROTHENBERGER NiMH battery

Pressing Technology

Press Machines Standard

ROMAX® 3000 AC

Electro-hydraulic press machine for mains operation for system dependant pressing of fittings up to Ø 110 mm* with 32 - 34 kN

Made in Germany

Please observe system characteristics/benefits on pages 104 - 10!

Product Profile

APPLICATION AREA

The ROMAX® 3000 AC is fast, light, easy to handle and safe. It is therefore ideally suited for the batch production of fitting joints in field operation

- Batch production possible due to mains operation (5 m cable length)
- A pressing cycle only lasts approx. 5 seconds
- CFT® guarantees the necessary pressing force
- Extremely low weight, as well the balanced weight distribution
- Highest quality, service interval of 20,000 pressing cycles
- Expanded operating temperature from - 15° C up to 60° C
- The compact, wand-like design allows pressings even in confined spaces

TECHNICAL DATA

Dimensions:	460 x 90 x 120 mm
Weight:	ca. 3,8 kg (without press jaw)
Piston force/-hub:	32 kN / 40 mm
Nominal size:	Ø 12 - 110 mm (system dependent)
Press jaw fixture:	270° rotation
Power supply:	230 V / 50-60 Hz, 110 V on request
Operation temperatur:	- 15° C up to 60° C

PRESSING TOOLS

Press jaws:	ROTHENBERGER standard press jaws, compatible with many other manufacturers starting on page 113
Pressing collars:	ROTHENBERGER pressing collars starting on page 114

5

Safety lock

No unintentional opening because a 180° rotation is necessary

Balanced weight distribution

Ergonomic use



270° rotatable jaw fixture

For easy use in confined spaces

Batch production possible



Slim



Set Basic (1000001001) includes: ROMAX® 3000 AC (230 Volt), plastic carrying case, without press jaws

Model

No.

ROMAX® 3000 AC Set Basic

1000001001

ACCESSORIES



Model

No.

Plastic carrying case, empty

1500000463

Press jaws, pressing collars starting on 113

ROMAX® AC ECO

Electro-hydraulic press machine for mains operation for system dependant pressing of fittings up to Ø 110 mm* with 32 - 34 kN

Please observe system characteristics/benefits on pages 98 - 99!

Product Profile
APPLICATION AREA
The ROMAX® AC ECO is light, easy to handle and is suitable for the batch production of fitting joints in field operation
KEY FEATURES
<ul style="list-style-type: none"> ● Ergonomic thanks to the rubberized handle and balanced weight distribution ● Controlled press cycle ● CFT® ● Safety lock ● Emergency stop switch ● 5 m cable

*system dependant

TECHNICAL DATA	
Dimensions:	415 x 180 x 80 mm
Weight:	approx. 4.5 kg (without press jaw)
Piston force/-hub:	32 kN / 40 mm
Nominal size:	Ø 12 - 110 mm (system dependent)
Press jaw fixture:	270° rotation
Power supply:	230 V / 50-60 Hz, 110 V on request
PRESSING TOOLS	
Press jaws:	ROTHENBERGER standard press jaws, compatible with many other manufacturers starting on page 106
Pressing collars:	ROTHENBERGER Pressing collars starting on page 106

270° rotatable jaw fixture

For easy use in confined spaces

Compatible jaw fixture

Suitable for many press jaws

Emergency stop switch

Immediate interruption of the feed

Safety lock

No unintentional opening because a 270° rotation is necessary

Two-switches within easy reach

Various holding positions possible. The controlled press cycle begins after pushing the hold-to-run control

Balanced weight distribution

Ergonomic use

CFT® (Constant Force Technology) for constant axial pressing force of 32 kN

Constant axial pressing force over 10,000 press cycles

5 m cable length

Large operations radius



Made in Germany



Fig. ROMAX® AC ECO Set with press jaws

Basic Sets (No. 15705) include: ROMAX® AC ECO Basic (230 Volt), plastic carrying case (No. F81664) (without press jaws)

Model	Description	Press jaws mm	⊞	kg	No.
ROMAX® AC ECO Set Basic I	in plastic carrying case	(without press jaws)	1	8.9	15705
ROMAX® AC ECO Set M	Set Basic I with press jaws type M (Mapress, et al.)	15 - 22 - 28	1	13.4	15750
ROMAX® AC ECO Set SV	Set Basic I with press jaws type SV (Viega, et al.)	15 - 22 - 28	1	13.4	15740
ROMAX® AC ECO Set TH	Set Basic I with press jaws type TH (Henco, et al.)	16 - 20 - 26	1	13.4	15730
ROMAX® AC ECO Set U	Set Basic I with press jaws type U (UNICOR, et al.)	16 - 20 - 25	1	13.4	15760

ACCESSORIES

Model	No.
Plastic carrying case, empty	F81664
Press jaws, pressing collars starting on	113



Press Technology

Press Jaws & Interchangeable Press Jaws

Press Jaws Compact

For ROMAX® Compact

ROTHENBERGER Press Jaws with proven material and manufacturing quality for system dependant pressing of fittings up to Ø 40 mm (plastic / multi-layer) and/or up to 28 mm (metal)

Made in Germany

5

Special hardening process

High degree of elastic force and expansion capability

3-bolt synchronised mechanism

- Highest precision when pressing
- Synchronised run of the jaw lever
- Increased stability and durability
- Open the jaw with just 1 finger!

Batch numbering and individual testing

Secures the high quality standard of material and press contour

Product identification, simple to read, clear system and nominal size classification



Precision-manufactured contours

For optimum and reliable pressings

Made of forged, highly resilient special steel

Suitable for all press machines with a constant axial thrust of **19 kN** and compatible press jaw fixture

Permanent bolt

- Without potential weak points / no thread
- Considerable reduction of the breakage risk
- Increased safety

Long-term corrosion protection

Optimum for heavy-duty field operation

Optimised inlet contour

- Adapted power flow
- Less wear and tear

Press jaw overview starting on 115

Interchangeable Press Jaws Compact

For ROMAX® Compact

ROTHENBERGER Press Jaws with proven material and manufacturing quality, for the attachment from interchangeable press jaws for system dependant pressing of plastic fittings Ø 16 - 32 mm

Made in Germany

Combine various interchangeable inserts with only one press jaw!



Set Interchangeable inserts

3-bolt synchronised mechanism

Synchronised run of the jaw lever enables the jaw to be opened with just one finger

Batch numbering and individual testing

Secures the high quality standard of material and press contour

Guiding ridge

Safe admittance from inter-changeable press jaws

Made of casted, highly resilient special steel

Suitable for all press machines with a constant axial thrust of **19 kN** and compatible press jaw fixture

Special hardening process

High degree of elastic force and expansion capability

Long-term Corrosion protection

Optimum for heavy-duty field operation

Model	Description	No.	Model	Description	No.
Interchangeable inserts set RFz*	16 - 20 - 25 - 32 mm	14849	Interchangeable press jaws + set CO	12 - 16 - 20 mm	15093
Interchangeable inserts set U*	16 - 20 - 25 - 32 mm	14869	Interchangeable press jaws + set RFz	12 - 16 - 20 mm	15094
Interchangeable inserts set VP*	16 - 20 - 25 - 32 mm	14879			

*Can only be used with interchangeable pressing jaw No. 014800X!

Press Jaws & Interchangeable Press Jaws

Press Jaws Standard

For ROMAX® 3000, ROMAX® 3000 AC and ROMAX® AC ECO

ROTHENBERGER Press Jaws with proven material and manufacturing quality, for system conforming pressing of fittings up to Ø 40 mm (plastic) and/or up to Ø 54 mm (metal)

Special hardening process

High degree of elastic force and expansion capability

3-bolt synchronised mechanism

- Highest precision when pressing
- Synchronised run of the jaw lever
- Increased stability and durability
- Open the jaw with just 1 finger!

Batch numbering and individual testing

Secures the high quality standard of material and press contour

Product identification, simple to read, clear system and nominal size classification



Press jaw overview starting on 115

Precision-manufactured contours

For optimum and reliable pressings

Made of forged, highly resilient special steel

Suitable for all press machines with a constant axial thrust of **32-34 kN** and compatible press jaw fixture

Permanent bolt

- Without potential weak points / no thread
- Considerable reduction of the breakage risk
- Increased safety

Long-term corrosion protection

Optimum for heavy-duty field operation

Optimised inlet contour

- Adapted power flow
- Less wear and tear

Made in Germany

3-elemental Standard Press Jaw M42 / M54

For ROMAX® 3000, ROMAX® 3000 AC and ROMAX® AC ECO

ROTHENBERGER 3-elemental Press Jaws with proven material and manufacturing quality, for system depended pressing of Copper-, steel- and C-steel fittings M42 and M54

Long-term corrosion protection

Optimum for heavy-duty field operation

3-bolt synchronised mechanism

Synchronised run of the jaw lever

Special hardening process of the inlet- and Jaw contour

High degree of elastic force, expansion capability and long lifetime

3-elemental system

Easy handling / assembling
Optimized power distribution

Precision-manufactured contours

For optimum and reliable pressings

Wide jaw mouth for easy assembling of the jaw on the fitting



Made in Germany

Model		No.	Model		No.
3-elemental standard press jaw, M42	4,8	100001273	3-elemental standard press jaw, M54	4,8	100001274

Press Technology

Pressing Collars Standard

Pressing Collars Standard

For ROMAX® 3000, ROMAX® PRESSLINER ECO, ROMAX® AC ECO

Still suitable for press machines with a constant, axial pressing force of 32 - 34 kN and the appropriate compatible press jaw fixture. For the system conforming pressing of fittings from 42 mm up to 54 mm (metal) and/or from 40 mm up to 110 mm (multi-layer)

Made in Germany

Limited weight

Power-saving work even for longer periods

Two flexible elements

For an optimal material flow on the fitting

Batch numbering and individual testing

Secures the high quality standard of material and press contour

Long-term corrosion protection

Optimum for heavy-duty field operation

Special hardening process

High degree of elastic force and expansion capability

Opening of the pressing collar up to 180° allows assembling even in confined spaces



Closing the pressing collar



Gripping the pressing collar with intermediate jaws



Precision-manufactured contours

For optimum and reliable pressings

Clamping technology

Self-clamping pressing collar

3 Segments

For an optimum force distribution on the fitting

Special hardening process

High degree of elastic force and expansion capability

Made of forged, highly resilient special steel

Suitable for all press machines with a constant, axial thrust of 32 - 34 kN and compatible press jaw fixture

3-bolt synchronised mechanism

Synchronised run of the jaw lever enables the jaw to be opened with just one finger



Fig. Pressing collar SV54



Fig. Intermediate jaw ZBS1

Pressing collar sets include: Pressing collars according to the table, intermediate jaws ZBS1 (No. 1000001126), plastic carrying case (No. 1500000782)

Model	Description	No.
Pressing collars Set SV in plastic carrying case	Press jaw ZBS1 / SV42 - 54	1000001501
Pressing collars Set M in plastic carrying case	Press jaw ZBS1 / M42 - 54	1000001500
Pressing collars Set TH in plastic carrying case*	Press jaw ZBS1 / TH40 - 50	1000000116

Press collars overview starting on 115

* on request!

Press Jaws Standard Sets

ROTHENBERGER Press Jaws up to Ø 54 mm, in sturdy plastic carrying case

Made in Germany

Professional set combinations!

Variable and cost efficient

Universal for all ROTHENBERGER Press Jaws (Type Standard)

Various combinations possible

For example: 4 press jaws up to Ø 35 mm or 2 press jaws Ø 42 or 54 mm



Space for up to 6 Press Jaws

More than enough room for a complete press jaw system

Press Jaw sets include: Press Jaw according to chart, plastic case (No. 150000782)

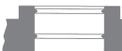
Model Ø mm	📦	⚖️ kg	No.	Model Ø mm	📦	⚖️ kg	No.
M 15 - 18 - 22 - 28 mm	1	9,3	015062X	G 16 - 20 - 26 - 32 mm	1	11,4	015068X
M 42 - 54 mm (3-elemental Press jaw)	1	11,0	1000001502	TH 16 - 20 - 26 mm	1	7,9	015063X
SV 15 - 18 - 22 - 28 mm	1	9,3	015060X	VP 16 - 20 - 25 - 32 mm	1	9,4	015072X
SV 42 - 54 mm	1	9,5	015080X	Plastic carrying case, empty	1		150000782

System	Nominal size	Press Jaws Compact	Interchangeable Insert Compact Use only in combination with interchangeable jaws No. 014800X	Press Jaws Standard	Pressing Collars Standard Only to be used with intermediate jaw: ZBS1 No. 1000001126 for (SV, M, TH, U Ø 40, 42, 50, 63 mm), ZBS2 No. 1000001123 for (U Ø 75, 90, 110 mm)
A	Metal / NE-Metal				
	A1/2"	1000001503	—	015222X	
	A3/4"	1000001504	—	015223X	
	A1"	1000001505	—	015224X	
	A1 1/4"	—	—	015225X	
	A1 1/2"	—	—	015226X	
	A2"	—	—	015227X	
M	M12	015151X	—	015101X	
	M15	015152X	—	015102X	
	M18	015153X	—	015103X	
	M22	015154X	—	015104X	
	M28	015155X	—	015105X	
	M35	—	—	015106X	
	M42	—	—	1000001273	1000001391
	M54	—	—	1000001274	1000001392
	V / SV	V/SV12	015261X	—	015211X
	V/SV14	015269X	—	015219X	
	V/SV15	015262X	—	015212X	
	V/SV16	015260X	—	015220X	
	V/SV18	015263X	—	015213X	
	V/SV22	015264X	—	015214X	
	V/SV28	015265X	—	015215X	
	V/SV35	—	—	015216X	
	V/SV42	—	—	015217X	1000001393
	V/SV54	—	—	015218X	1000001394
	R(H)	PEX / Multi-layer			
	R12	—	14863	015339X	
	R14	015370X	14864	015330X	
	R16	015371X	14865	015331X	
	R17	015378X	14866	015333X	
	R18	015379X	14867	015334X	
	R20	015374X	14868	015335X	
	R25	015380X	14707	015338X	
	R26	015376X	14708	015336X	
	R32	015377X	14709	015337X	

For more informations visit www.rothenberger.com

Press Technology

Overview Press Jaws

System	Nominal size				
		Press Jaws Compact	Interchangeable Insert Compact Use only in combination with interchangeable jaws No. 014800X	Press Jaws Standard	Pressing Collars Standard Only to be used with intermediate jaw: ZBS1 No. 1000001126 for (SV, M, TH, U Ø 40, 42, 50, 63 mm), ZBS2 No. 100000123 for (U Ø 75, 90, 110 mm)
RFz	PEX / Multi-layer				
	RFz12	—	14822	1000000173	
	RFz16	015180X	14823	015161X	
	RFz18		1000000124		
	RFz20	015181X	14824	015162X	
	RFz25	015182X	14825	015163X	
	RFz26		1000000125		
	RFz32	015183X	14826	015164X	
TH	TH14	015395X	14842	015321X	
	TH16	015385X	14843	015322X	
	TH18	015398X	14844	015323X	
	TH20	015389X	14845	015324X	
	TH25	015399X	14846	015325X	
	TH26	015391X	14847	015326X	
	TH32	015393X	14848	015327X	
	TH40	015401X	—	015328X	1000000111
	TH50	—	—	—	1000000112
	TH63	—	—	—	1000000113
THG	THG32	1000000236	—	1000000235	
THT	THT32	015393H	—	015329X	
U	U14	015351X	14832	015311X	
	U16	015352X	14833	015312X	
	U18	015353X	14834	015313X	
	U20	015354X	14835	015314X	
	U25	015355X	14836	015315X	
	U32	015357X	14838	015317X	
	U40	015358X	—	015318X	1000000117
	U50	—	—	—	1000000118
	U63	—	—	—	1000000119
	U75	—	—	—	1000000120
	U90	—	—	—	1000000121
	U110	—	—	—	1000000122
RC	RC26	015277X	14837	015271X	
VP	VP14	015530X	14882	015230X	
	VP16	015531X	14883	015231X	
	VP20	015532X	14884	015232X	
	VP25	015533X	14885	015233X	
	VP32	015534X	14886	015234X	
	BE	BE16	015291X	—	015392X
	BE20	015292X	—	015394X	
	BE26	015293X	—	015396X	
	BE32	015294X	—	015397X	
CO	CO12	—	14852	—	
	CO16	—	14853	—	
	CO20	—	14854	—	
	CO25	—	14855	—	
	G	G16	015362X	—	015302X
	G20	015364X	—	015304X	
	G26	015366X	—	015306X	
	G32	015367X	—	015307X	
	G40	015368X	—	015308X	
	HA	HA16	015580X	—	015280X
	HA20	015581X	—	015281X	
	HA26	015582X	—	015282X	
	HA32	015583X	—	015283X	
	HA40	—	—	015284X	

For further informations visit www.rothenberger.com, ¹⁾ Only on request.

Press Technology

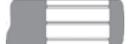
Overview Press Jaws

5

	Nominal size	Press jaws Compact No.	Press jaws Pressliner and ROMAX® 3000 No.	Interchangeable Insert Compact Use only in combination with interchangeable jaws No. 014800X	Eurotubi Pressfitting System	FB.Q. BARONIO, BQ press	Frabo Frabopress C Steel, 316	Frabo MULTI-BRASS	FRÄNKISCHE, ALPEX F50	Gabo, Gabopress H+5	GAROS	Geberit Mapress Gas	Geberit Mapress Stainless	Geberit Mapress Copper Carbon steel,	Geberit Mepla	Giacomini Giacomflex, Goaco Therm	HAKA, Fimisol, HAKA-PRES, HAKA, GERODUR	Harden 2000, Polypex 2000	Henco PVDF	Herz pipefix	HIDROTEC KLIMATEC	Hitec Sistema, Multi-strato	IBP -> B< Press Rotguss, Inox	
	M12	015151X	015101X									●	●	●										
	M15	015152X	015102X		●							●	●	●										
	M18	015153X	015103X		●							●	●	●										
	M22	015154X	015104X		●							●	●	●										
	M28	015155X	015105X		●							●	●	●										
	M35		015106X		●							●	●	●										
	M42		1000001273										●	●	●									
M54		1000001274										●	●	●										
	V12	015261X	015211X				●																	
	SV14	015269X	015219X			●	●																	
	SV15	015262X	015212X			●	●																●	
	SV16	015260X	015220X			●	●																●	
	SV18	015263X	015213X			●	●																●	
	SV22	015264X	015214X			●	●																●	
	SV28	015265X	015215X			●	●																●	
	SV35		015216X			●	●																●	
	SV42		015217X			●	●																●	
	SV54		015218X			●	●																●	
	G16	015362X	015302X												●									
	G20	015364X	015304X												●									
	G26	015366X	015306X												●									
	G32	015367X	015307X												●									
	G40	015368X	015308X												●									
	HA16	015580X	015280X																					
	HA20	015581X	015281X																					
	HA26	015582X	015282X																					
	HA32	015583X	015283X																					
	HA40		015284X																					
	R12		015339X	14863																				
	R14	015370X	015330X	14864													●							
	R16	015371X	015331X	14865					●								●							
	R17	015378X	015333X	14866													●							
	R18	015379X	015334X	14867													●							
	R20	015374X	015335X	14868					●								●							
	R25	015380X	015338X	14707																				
	R26	015376X	015336X	14708					●								●							
	R32	015377X	015337X	14709					●								●							
	RFz12		1000000173	14822																				
	RFz16	015180X	015161X	14823																				
	RFz20	015181X	015162X	14824																				
	RFz25	015182X	015163X	14825																				
	RFz32	015183X	015164X	14826																				
	TH14	015395X	015321X	14842				●		●	●					●		●	●	●	●	●	●	
	TH16	015385X	015322X	14843					●	●	●					●		●	●	●	●	●	●	
	TH18	015398X	015323X	14844						●	●					●		●	●	●	●	●	●	
	TH20	015389X	015324X	14845				●	●	●	●					●		●	●	●	●	●	●	
	TH25	015399X	015325X	14846						●	●					●		●	●	●	●	●	●	
	TH26	015391X	015326X	14847				●	●	●	●					●		●	●	●	●	●	●	
	TH32	015393X	015327X	14848				●	●	●	●					●		●	●	●	●	●	●	
	TH40	015401X	015328X							●	●					●		●	●	●	●	●	●	
THG32	1000000236	1000000235													●									
THT32	015393H	015329X																●						
	U14	015351X	015311X	14832																				
	U16	015352X	015312X	14833					●	●														
	U18	015353X	015313X	14834						●	●													
	U20	015354X	015314X	14835					●	●														
	U25	015355X	015315X	14836						●	●													
	U32	015357X	015317X	14838					●	●														
	U40	015358X	015318X															●						
RC26	015277X	015271X	14837					●																
	VP14	015530X	015230X	14882																				
	VP16	015531X	015231X	14883					●															
	VP20	015532X	015232X	14884					●															
	VP25	015533X	015233X	14885					●															
	VP32	015534X	015234X	14886					●															

For further informations visit www.rothenberger.com

ROTHENBERGER offers press jaws for a variety of press fitting / pipe systems on the market today. The press contour of each particular system allows reliable pressing to approved standards.

	Nominal size	Press jaws Compact No.	Press jaws Pressliner and ROMAX® 3000 No.	Interchangeable Insert Compact Use only in combination with interchangeable jaws No. 0 14800X	IBP>B-PRESS- >B<PRESS GAS	IPA, IPANA-PRES	IPALPEX	IVAR MP / PMP	Jaraflex-presssystem	Jupiter, Heizsysteme	KE KELIT KELOX	KOHLER, InoxPres	LAVAGRUND, LAVAPRESS	Majr Heiztechnik, Gomafix	Mark KG, polymark	MEGARO HAKAPRESS	MULTITHERM PRESS-STEM	Multitubo Giacomini	NEUTHERM, MEKU-PRESS	Nupi MultiNupi	Nussbaum Cupress, Optipress	Nussbaum CupressG	Nussbaum, Optiflex Plus	Oventrop, Cofit
	M12	015151X	015101X																					
	M15	015152X	015102X									●												
	M18	015153X	015103X									●												
	M22	015154X	015104X									●												
	M28	015155X	015105X									●												
	M35		015106X									●												
	M42		1000001273																					
M54		1000001274																						
	V12	015261X	015211X		●																			
	SV14	015269X	015219X		●																			
	SV15	015262X	015212X		●																●	●		
	SV16	015260X	015220X		●																	●	●	
	SV18	015263X	015213X		●																	●	●	
	SV22	015264X	015214X		●																	●	●	
	SV28	015265X	015215X		●																	●	●	
	SV35		015216X		●																	●	●	
	SV42		015217X		●																	●	●	
SV54		015218X		●																	●	●		
	G16	015362X	015302X																					
	G20	015364X	015304X																					
	G26	015366X	015306X																					
	G32	015367X	015307X																					
	G40	015368X	015308X																					
	HA16	015580X	015280X																					●
	HA20	015581X	015281X																					●
	HA26	015582X	015282X																					●
	HA32	015583X	015283X																					●
	HA40		015284X																					●
	R12		015339X	14863																				
	R14	015370X	015330X	14864					●				●		●									
	R16	015371X	015331X	14865				●	●				●		●					●				
	R17	015378X	015333X	14866					●															
	R18	015379X	015334X	14867				●	●															
	R20	015374X	015335X	14868				●	●				●								●			
	R25	015380X	015338X	14707																				
	R26	015376X	015336X	14708				●	●				●		●						●			
	R32	015377X	015337X	14709					●				●		●						●			
	RFz12		1000000173	14822																				
	RFz16	015180X	015161X	14823																				
	RFz20	015181X	015162X	14824																				
	RFz25	015182X	015163X	14825																				
	RFz32	015183X	015164X	14826																				
	TH14	015395X	015321X	14842		●	●		●				●											
	TH16	015385X	015322X	14843		●	●	●	●				●		●									
	TH18	015398X	015323X	14844		●	●	●	●				●											
	TH20	015389X	015324X	14845		●	●	●	●				●		●									
	TH25	015399X	015325X	14846		●	●																	
	TH26	015391X	015326X	14847		●	●	●	●				●		●									
	TH32	015393X	015327X	14848		●	●		●				●		●									
	TH40	015401X	015328X			●	●		●				●											
THG32	1000000236	1000000235																						
THT32	015393H	015329X					●																	
	U14	015351X	015311X	14832																				
	U16	015352X	015312X	14833				●		●	●													
	U18	015353X	015313X	14834				●		●	●													
	U20	015354X	015314X	14835				●		●	●													
	U25	015355X	015315X	14836						●	●													
	U32	015357X	015317X	14838						●	●													
	U40	015358X	015318X							●	●					●					●			
RC26	015277X	015271X	14837																					
	VP14	015530X	015230X	14882																				●
	VP16	015531X	015231X	14883																				●
	VP20	015532X	015232X	14884																				●
	VP25	015533X	015233X	14885																				●
	VP32	015534X	015234X	14886																				●

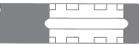
For further informations visit www.rothenberger.com

ROTHENBERGER offers press jaws for a variety of press fitting / pipe systems on the market today. The press contour of each particular system allows reliable pressing to approved standards.

Press Technology

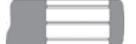
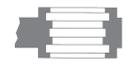
Overview Press Jaws

5

		Nominal size	Press jaws Compact No.	Press jaws Pressliner und ROMAX® 3000 No.	Interchangeable Insert Compact Use only in combination with interchangeable jaws No. 014800X	PIPELIFE RADOPRESS	POLYSAN Press-System	Prandelli, MULTYRAMA	Raccorderie Metalliche Inoxpress, Steelpress	Raccorderie Metalliche, Aespres	Raccorderie Metalliche Inoxpress Gas	RIQUIERA A SERTIR	ROTH SISTEMA ROTHAPRESS	Roth-Roth Rohrinstallationsysteme	Sanha 3fit-PRESS SYSTEM 14 mm - 63 mm	SANHA NiroSan Serie 9000, 17000 Gas, 18000, 19000	SANHA Press Serie 10000, 11000 Gas, 12000, 13000	SANHA PURAPRESS Serie 8000	SANHA-NiroSan-Presssystem Chromimo	Simplex SIROCon Cu / E	Simplex SIROCon PPSU H	Simplex SIROCon PPSU TH	SST-Rolltec Delphi-Press, STS Systemtechnik	THERMOVAL, THER-MOSMART	Tiemme, Cobrapress
	M	M12	015151X	015101X																					
	M15	015152X	015102X																						
	M18	015153X	015103X																						
	M22	015154X	015104X																						
	M28	015155X	015105X																						
	M35		015106X																						
	M42		1000001273																						
	M54		1000001274																						
	V / SV	V12	015261X	015211X																					
	SV14	015269X	015219X																						
	SV15	015262X	015212X																						
	SV16	015260X	015220X																						
	SV18	015263X	015213X																						
	SV22	015264X	015214X																						
	SV28	015265X	015215X																						
	SV35		015216X																						
	SV42		015217X																						
	SV54		015218X																						
	G	G16	015362X	015302X																					
	G20	015364X	015304X																						
	G26	015366X	015306X																						
	G32	015367X	015307X																						
	G40	015368X	015308X																						
	HA	HA16	015580X	015280X																					
	HA20	015581X	015281X																						
	HA26	015582X	015282X																						
	HA32	015583X	015283X																						
	HA40		015284X																						
	R (H)	R12		015339X	14863																				
	R14	015370X	015330X	14864																					
	R16	015371X	015331X	14865																					
	R17	015378X	015333X	14866																					
	R18	015379X	015334X	14867																					
	R20	015374X	015335X	14868																					
	R25	015380X	015338X	14707																					
	R26	015376X	015336X	14708																					
	R32	015377X	015337X	14709																					
	RFz	RFz12		100000173	14822																				
	RFz16	015180X	015161X	14823																					
	RFz20	015181X	015162X	14824																					
	RFz25	015182X	015163X	14825																					
	RFz32	015183X	015164X	14826																					
	TH	TH14	015395X	015321X	14842																				
	TH16	015385X	015322X	14843																					
	TH18	015398X	015323X	14844																					
	TH20	015389X	015324X	14845																					
	TH25	015399X	015325X	14846																					
	TH26	015391X	015326X	14847																					
	TH32	015393X	015327X	14848																					
	TH40	015401X	015328X																						
	THG	THG32	1000000236	1000000235																					
	THT	THT32	015393H	015329X																					
	U	U14	015351X	015311X	14832																				
	U16	015352X	015312X	14833																					
	U18	015353X	015313X	14834																					
	U20	015354X	015314X	14835																					
	U25	015355X	015315X	14836																					
	U32	015357X	015317X	14838																					
	U40	015358X	015318X																						
	RC	RC26	015277X	015271X	14837																				
	VP	VP14	015530X	015230X	14882																				
	VP16	015531X	015231X	14883																					
	VP20	015532X	015232X	14884																					
	VP25	015533X	015233X	14885																					
	VP32	015534X	015234X	14886																					

For further informations visit www.rothenberger.com

ROTHENBERGER offers press jaws for a variety of press fitting / pipe systems on the market today. The press contour of each particular system allows reliable pressing to approved standards.

	Nominal size	Press jaws Compact No.	Press jaws Pressliner und ROMAX® 3000 No.	Interchangeable Insert Compact Use only in combination with interchangeable jaws No. 0 14800X	TIEMME, SERIE PA / PG	Tradesa Serie 700	Ulrich VARIOFLEX HAKA-PRESS,	UPONOR UNIPIPE, UNI-CORE, Airpipe	Vaisir PEXAL	Vescal, Metalplast	VEIGA PROFIPRESS G	Viega Profipress Sanpress, Sanpress INOX PLUS	Viessa	VSH X-Press Carbon Stainless, Copper	VSH SudoPress Carbon Stainless, Copper	VSH Skin Press	VSH Skin Press PPSU, Skin Press Gas	Watts MTR Art press	Wavin Aquatecnic Tigris	Wavin FUTURE 1/2, TIGRIS AlupeX / Blue	WEFA PLASTIC, WEFA PRESS	Winkler	WKS-Press
	M12	015151X	015101X		●									●									
	M15	015152X	015102X		●									●									
	M18	015153X	015103X		●									●									
	M22	015154X	015104X		●									●									
	M28	015155X	015105X		●									●									
	M35		015106X		●									●									
	M42		1000001273											●									
M54		1000001274											●										
	V12	015261X	015211X								●	●			●								
	SV14	015269X	015219X								●	●											
	SV15	015262X	015212X								●	●			●								
	SV16	015260X	015220X								●	●											
	SV18	015263X	015213X								●	●			●								
	SV22	015264X	015214X								●	●			●								
	SV28	015265X	015215X								●	●			●								
	SV35		015216X								●	●			●								
	SV42		015217X								●	●			●								
SV54		015218X								●	●			●									
	G16	015362X	015302X																				
	G20	015364X	015304X																				
	G26	015366X	015306X																				
	G32	015367X	015307X																				
	G40	015368X	015308X																				
	HA16	015580X	015280X											●									
	HA20	015581X	015281X											●			●						
	HA26	015582X	015282X											●	●		●						
	HA32	015583X	015283X											●	●		●						
	HA40		015284X											●	●		●						
	R12		015339X	14863																			
	R14	015370X	015330X	14864		●			●														
	R16	015371X	015331X	14865		●			●														
	R17	015378X	015333X	14866		●																	
	R18	015379X	015334X	14867		●																	
	R20	015374X	015335X	14868		●			●														
	R25	015380X	015338X	14707																			
	R26	015376X	015336X	14708		●			●														
	R32	015377X	015337X	14709		●			●														
	RFz12		1000000173	14822																			
	RFz16	015180X	015161X	14823																			
	RFz20	015181X	015162X	14824																			
	RFz25	015182X	015163X	14825																			
	RFz32	015183X	015164X	14826																			
	TH14	015395X	015321X	14842										●								●	
	TH16	015385X	015322X	14843		●								●			●	●				●	
	TH18	015398X	015323X	14844		●								●			●	●				●	
	TH20	015389X	015324X	14845		●								●			●	●				●	
	TH25	015399X	015325X	14846		●								●			●	●				●	
	TH26	015391X	015326X	14847										●			●	●				●	
	TH32	015393X	015327X	14848		●								●			●	●				●	
	TH40	015401X	015328X											●			●	●				●	
THG	THG32	1000000236	1000000235																				
THT	THT32	015393H	015329X														●						
	U14	015351X	015311X	14832																			
	U16	015352X	015312X	14833																			
	U18	015353X	015313X	14834																			
	U20	015354X	015314X	14835																			
	U25	015355X	015315X	14836																			
	U32	015357X	015317X	14838																			
	U40	015358X	015318X																				
RC	RC26	015277X	015271X	14837																			
	VP14	015530X	015230X	14882								●											
	VP16	015531X	015231X	14883								●											
	VP20	015532X	015232X	14884								●											
	VP25	015533X	015233X	14885								●											
	VP32	015534X	015234X	14886								●											

For further informations visit www.rothenberger.com

ROTHENBERGER offers press jaws for a variety of press fitting / pipe systems on the market today. The press contour of each particular system allows reliable pressing to approved standards.