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## Pliers

## ROGRIP M

## Quickly adjustable water pump plier

## KEY FEATURES

- 30\% more gripping capacity: 10" pliers up to 2" pipe diameters
- 3-point grip: reliable clamping and perfect grip up to the maximal pipe diameter
- Wide handles for more comfort and better power transmission
- 10 point size adjustments


## TECHNICAL DATA

Chrome vanadium steel tempered, drop forged with
heavy-duty box joint
Polished head and joint
Double hardened jaws, extremely durable


| Model | No. |  |
| :--- | ---: | :--- |
| ROGRIP M 7", Ø 1.1/4" $/ 43 \mathrm{~mm}$ | 1000000215 |  |
| ROGRIP M 10", Ø 2" $/ 60 \mathrm{~mm}$ | 1000000216 | ROTHENBERGER Curve-Shape-Design |

## ROGRIP F

## Quickly adjustable automatic water pump plier

## KEY FEATURES

- 30\% more gripping capacity: 10 " pliers up to $2^{\prime \prime}$ pipe diameter
- 3-point grip: reliable clamping and perfect grip up to the maximal pipe diameter
- ROTHENBERGER Curve-Shape-Design: especially ergonomic for large pipe diameters. Reduces the danger of fingers getting clamped
- Wide handle for more comfort and better transmission of power
- Safety lock system: prevents unintentional opening and enables a $50 \%$ quicker adjustment
- 18 point size adjustments




## ROGRIP S

Quickly adjustable water pump plier

- Characteristics like ROGRIP M
lenfal
Comfortable and quick adjustment of the pipe diameter

Curve-Shape-Design:
especially ergonomic
with large pipe $\varnothing$


Wide handles
More comfort and better
power transmission

## ROGRIP XL

## Quickly adjustable water pump plier

## KEY FEATURES

- $16^{\prime \prime}$ pliers up to 3.1/2" pipe diameters
- 3-point grip: reliable clamping and perfect grip up to the maximal pipe diameter
- ROTHENBERGER Curve-Shape-Design: especially ergonomic by large pipe diameters. Reduces the danger of fingers getting clamped
- Wide handle for more comfort and better transmission of power
- 14 point size adjustment


## TECHNICAL DATA

Chrome vanadium steel tempered, drop forged with
heavy-duty box joint
Polished head and joint
Double hardened jaws, extremely durable
Enourmos gripping width of 3.1/2" - reliable grip during application


Variable uses, lateral stability and high strength

Slip-resistant plastic handles

High grip reliability
More comfort and better power transmission

| inch | $\frac{\mathrm{L}}{\mathrm{Lm}}$ | max. inch | $\begin{gathered} \text { max. } \mathrm{mm} \end{gathered}$ | $\widetilde{ }$ | F |  |  |  | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $16^{\prime \prime}$ | 440 | 3.1/2" | 102 | 1400 | 1 |  |  |  |  |

3-point grip over the middle for reliable
Curve-Shape-Design: especially ergonomic



## Pliers

Water Pump Pliers SP
Complies with DIN 5231 D, with heavy-duty box joint, chrome vanadium steel, drop forged, tempered, polished head and joint

## Product Profile

## KEY FEATURES

- Ideal for hard-to-reach places with the longer, thinner pliers head with measurements favourable for corners
- Optimum grip for reliable hold of pipes, flat objects, squared and hexagonal screws
- Long service life through induction hardened teeth
- Variable use: 7 size settings
- Non-slip even on smooth surfaces
- Safe use with the crush and pinch protection


TECHNICAL DATA
Complies with DIN 5231 D
Heavy-duty box-joint
Abrasion-resistant surface protection with the
epoxy-powder coating
Chrome vanadium steel
Drop forged, tempered
Polished head and joint


## Water Pump Pliers Type SPK

## KEY FEATURES



- Features similar to type SP, additionally with plastic covered handles

Increased safety:
Plastic covered handles!


| $\sim$ <br> inch | $\stackrel{\mathrm{L}}{\mathrm{~L}}$ | max. inch | $\frac{\max }{\mathrm{mm}}$ | $\Delta{ }_{\mathrm{g}}$ | $\square$ | (m) | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7" | 175 | $1^{\prime \prime}$ | 34 | 165 | 1 | 6 | 70521 |
| 10" | 250 | 1.1/4" | 43 | 315 | 1 | 6 | 70522 |
| 12" | 300 | 1.1/2" | 48 | 475 | 1 | 6 | 70523 |
| 10" Counter display |  |  |  |  | 1(12) |  | 070522D |



## Grooved Water Pump Pliers CL

Chrome vanadium steel, chrome-plated, drop forged, tempered, polished head and sliding joint, even jaws, in compliance

## with DIN 5231 E

## KEY FEATURES

- Completely relieves the joint screw with relief-milled grooves
- No slipping of the joint possible
- Absolutely firm fit in every open position
- Easy, smooth adjustment
- Induction hardened teeth for a long service life
- Crush and clamp guard prevent injuries
- Plastic covered handles


| $\xrightarrow{\text { L. }}$ <br> inch | $\stackrel{\mathrm{L}}{\mathrm{~L}}$ | max. inch | max. mm | $\Delta_{g}$ | (0)4 | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9.1/2" | 245 | 1.1/2" | 48 | 330 | 6 | 70591 |
| 12" | 300 | 2" | 60 | 560 | 6 | 70592 |
| 16" | 420 | 4" | 114 | 1,150 | 6 | 70593 |



Pliers

## Sets for Professionals

Practice-oriented set of pipe wrenches and pipe cutter

3-part set (No. 070130X) includes:
Pipe wrench 1" (No. 070122X), 1.1/2" (No. 070123X), 2" (No. 070124X)

4-part set (No. 070135X) includes
Pipe wrench $1^{\prime \prime}$ (No. 070122X), 1.1/2" (No. 070123X), W/P pliers 10" (No. 70528)

3-part set (No. 070140X) includes
Pipe wrench $1^{\prime \prime}$ (No. 070122X), 1.1/2" (No. 070123X), W/P pliers 10" (No. 70528)

| Model | $\Delta_{\mathrm{kg}}$ |  | No. |
| :---: | :---: | :---: | :---: |
| Set 1-1.1/2-2" | 5.0 | 1 | 070130X |
| Set 1-1.1/2" + Wapu SP 10 + TC 35 | 3.1 | 1 | 070135X |
| Set 1-1.1/2" + Wapu SP 10" | 2.7 | 1 | 070140X |
| Tool bag "Trendy" | 1.8 | 1 | 402311 |



| Description | $\Delta \mathrm{g}$ | $\square$ | No. |
| :--- | :---: | :---: | :---: |
| Spare cutter wheel for TC 35 CU | 100 | 1(5) | 070017D |

## Corner Pipe Wrench $45^{\circ}$ "SUPER S"

Chrome vanadium steel, drop forged, tempered, with reinforced sleeve, polished jaws and a favourable size for corners

## KEY FEATURES

- Self-clamping: 3-point clamping ensures reliable and firm grip even on smooth pipes
- Reliable grip and non-slip with teeth set against turning direction, induction hardened
Double-T profile jaws, ideal for clamping different material forms, enables universal application



## Corner Pipe Wrench $45^{\circ}$

Chrome vanadium steel, drop forged, tempered, with reinforced sleeve, polished jaws and a favourable size for corners

## KEY FEATURES

- Favourable size for corners
- Thin muzzle with thin jaws, $45^{\circ}$ angled


Pipe Wrench $90^{\circ}$
Chrome vanadium steel, drop forged, tempered, with reinforced sleeve, polished jaws and a favourable size for corners

## KEY FEATURES

- Favourable size for corners
- Thin muzzle with thin jaws, $90^{\circ}$ angled


| O- <br> inch |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| mm |$\quad$| max. inch |
| :---: |


| $\begin{aligned} & \text { O- } \\ & \text { inch } \end{aligned}$ | $\stackrel{-1}{\mathrm{~mm}}$ | max. in | $\mathrm{max}_{\mathrm{m}}^{\mathrm{L}}$ | $\Delta \mathrm{s}$ | $\square$ | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3" | 89 | 24" | 640 | 3.400 | 1 | 70113 |
| 4" | 114 | 36" | 750 | 5.600 | 1 | 70114 |

## Pliers

## One Handed Pipe Wrench "HEAVY DUTY"

## KEY FEATURES


spring-supported hook

- Quick preset of $\varnothing$ using scale on hook
- Wearing parts replaceable: Hook and heel jaw can be purchased separately
- Monoblock cast body with high strength, double T profile, forged jaw and hook, fine polished, teeth set against turning direction, induction hardened, tempered and non-slip adjustment screw


| inch |  | - inch | $\mathrm{mm}$ | $\Delta_{\mathrm{kg}}{ }^{\circ}$ |  | $\begin{array}{r} \text { No. } \\ \text { pliers } \end{array}$ | No. hook | $\begin{aligned} & \text { No. } \\ & \text { jaws } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8" | 200 | 1/2" | 22 | 0.40 | 4 | 70150 | 70200 | 70190 |
| 10" | 250 | 1.1/2" | 48 | 0.78 | 4 | 70151 | 70201 | 70191 |
| 12" | 300 | 2" | 60 | 1.25 | 4 | 70152 | 70202 | 70192 |
| 14" | 350 | 2" | 60 | 1.68 | 4 | 70153 | 70203 | 70193 |
| 18" | 450 | 2.1/2" | 73 | 2.67 | 2 | 70154 | 70204 | 70194 |
| 24" | 600 | 3" | 89 | 4.32 | 1 | 70155 | 70205 | 70195 |
| 36" | 900 | 5" | 141 | 7.92 | 1 | 70156 | 70206 | 70196 |
| 48" | 1200 | 6" | 168 | 15.80 | 1 | 70157 | 70207 | 70197 |

## One Handed Pipe Wrench "ALUDUR"

## KEY FEATURES

- Features similar to HEAVY DUTY
- Weight savings of approx. 40\%: extremely light, high strength aluminium alloy
- Wearing parts replaceable: hook and heel jaw can be purchased separately

> US-Norm GGG-W-651 Type I Class B!


|  | $\stackrel{L}{\mathrm{~L}}$ | inch | $-1$ | $\Delta_{\mathrm{kg}}$ | $\square$ | No. pliers | $\begin{aligned} & \text { No. } \\ & \text { hook } \end{aligned}$ | No. jaws |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10" | 250 | 1.1/2" | 48 | 0.48 | 4 | 70159 | 70201 | 70191 |
| 14" | 350 | 2" | 60 | 0.99 | 4 | 70160 | 70203 | 70192 |
| 18" | 450 | 2.1/2" | 73 | 1.63 | 2 | 70161 | 70204 | 70194 |
| 24" | 600 | 3" | 89 | 2.51 | 1 | 70162 | 70205 | 70195 |
| 36" | 900 | 5" | 141 | 5.00 | 1 | 70163 | 70206 | 70196 |
| 48"1 | 1200 | $6 "$ | 168 | 8.42 | 1 | 70164 | 70207 | 70197 |

## One Handed Pipe Wrench "STILLSON"

## KEY FEATURES

- Features similar to HEAVY DUTY
- Hardened adjustment nut presses onto the handle during use and prevents undesired readjustment
- Optimised double-spring construction guarantees quick and firm self-clamping, ensuring secure hold even on smooth pipes


US-Norm GGG-W-651 Type I Class B!


| $\stackrel{L}{\square}$ inch | $\stackrel{L}{\mathrm{~L}}$ | $-$ | $\stackrel{-1}{\mathrm{~mm}}$ | $\Delta_{\mathrm{kg}} \checkmark$ | (1)4 |  | No. pliers | $\begin{aligned} & \text { No. } \\ & \text { hook } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8" | 200 | 3/4" | 27 | 0.28 | 1 | 4 | 70350 | 70374 |
| 10" | 250 | 1 " | 34 | 0.59 | 1 | 4 | 70351 | 70375 |
| 12" | 300 | 1.1/4" | 43 | 0.79 | 1 | 4 | 70352 | 70376 |
| 14" | 350 | 1.1/2" | 48 | 1.04 | 1 | 4 | 70353 | 70377 |
| 18" | 450 | 2" | 60 | 1.82 | 1 | 2 | 70354 | 70378 |
| 24" | 600 | 2.1/2" | 73 | 3.08 | 1 | 1 | 70355 | 70379 |
| 36" | 900 | 3.1/2" | 102 | 5.69 | 1 | 1 | 70356 | 70380 |

## One Handed Pipe Wrench "OFFSET PATTERN HEAVY DUTY"

## KEY FEATURES

- Offset wrench head is ideal for working in confined spaces (e.g. near to the wall)

- One handed ratchet-like use, self-clamping, spring-supported hook
- Quick preset of pipe $\varnothing$ using scale on hook
- Wearing parts replaceable: hook and heel jaw can be purchased separately

| $\stackrel{L}{\square}$ <br> inch |  | inch | mm | $\Delta \Delta_{\mathrm{g}}$ | $\square$ | No pliers | No. hook | No. <br> jaws |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10" | 250 | 1.1/2" | 48 | 750 | 4 | 70166 | 70201 | 70191 |
| 14" | 350 | 2" | 60 | 1,460 | 4 | 70167 | 70203 | 70192 |



## One Handed Corner Pipe Wrench $90^{\circ}$

## KEY FEATURES

- Features similar to "HEAVY DUTY"
- Weight savings of approx. 40\%: extremely light, high strength aluminium alloy




## Chain Pipe Wrench 4" R/L

## KEY FEATURES

- Profile handle made of drop forged chrome vanadium steel, polished head with hardened special tooth system, powerful chain made of tempered special steel
- Double-sided teeth surface set against the turning direction for use in both directions without re-inserting

| max. inch | max. mm | $\begin{aligned} & \mathrm{L} \\ & \text { inch } \end{aligned}$ | $\frac{\mathrm{L}}{\mathrm{~L}}$ | $\Delta \Delta^{*}$ |  | $\square$ | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4" | 115 | 12" | 300 | 780 | 1 | 4 | 70235 |



## Chain Pipe Wrench "HEAVY DUTY"

Very robust model for the toughest conditions, proven in pipeline construction, jaws and handle are forged, jaws are replaceable

## KEY FEATURES

- Strong chain made of tempered special steel -
fits every cross-section
- Double-sided tooth system for ratchet-like use, for right and left-handed operation

| max. inch |  | jaws width mm |  | $\widehat{\theta_{\mathrm{kg}}}$ | No. pliers | No. jaws |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1.1/2" | 48 | 38 | 350 | 1.4 | 70242 | 70571 |
| 2.1/2" | 73 | 52 | 690 | 3.5 | 70243 | 70572 |
| 4" | 114 | 63 | 940 | 6.7 | 70244 | 70573 |
| 6" | 168 | 78 | 1,120 | 12.6 | 70245 | 70574 |
| 8" | 220 | 80 | 1,280 | 17.2 | 70246 | 70575 |
| 12" | 324 | 84 | 1,630 | 24.2 | 70247 | 70576 |


| Model | $\Delta_{\text {kg }}$ | No. |
| :---: | :---: | :---: |
| Spare chain HEAVY DUTY 1 1/2" | 0.80 | 70262 |
| Spare chain HEAVY DUTY 2 1/2" | 0.95 | 70263 |
| Spare chain HEAVY DUTY 4" | 1.40 | 70264 |
| Spare chain HEAVY DUTY 6" | 2.80 | 70265 |
| Spare chain HEAVY DUTY 8" | 3.40 | 70266 |
| Spare chain HEAVY DUTY 12" | 5.10 | 70267 |

## Pliers

## Fittings Wrench $90^{\circ}$

Special chrome vanadium steel, steel forged

## KEY FEATURES

- Plastic jaws guarantee a secure and gentle grip especially for chrome-plated fittings and polished surfaces

- High-quality DURAMANT surface coating

```
Plastic jaws, gentle grip!
```



## Fitting Key

Steel forged, burnished, smooth jaws for protection of fittings and delicate or polished surfaces

## SANIGRIP/SANIGRIP PL

## Valve plier PL

Special chrome vanadium steel, drop forged, chrome-plated, 4 adjustable sizes at joint, with toothed grip jaws. SANIGRIP PL designed with plastic jaws to protect fittings


## KEY FEATURES

- Secure and gentle grip on valuable fittings without damaging polished surfaces
- Optimum grip is ideal for plastic screw joints up to $\varnothing 62 \mathrm{~mm}$ (siphon)


| Model | $\stackrel{L}{\square}$ inch |  | $\frac{\mathrm{O}}{\max . \mathrm{m}}$ |  | $\Delta \mathrm{g}$ | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SANIGRIP | 10" | 250 | 80 | 14 | 270 | 70415 |
| SANIGRIP PL | 10" | 250 | 62 | 14 | 280 | 70416 |
| Plastic jaws (pair) for SANIGRIP PL |  |  |  |  | 10 | 70417 |

## Sealing Grip Pliers

Chrome vanadium steel, nickel-plated, tempered, hardened jaws

- Ideal for climate, heating and sanitary installations
- For clamping thin-walled copper pipes Ø 4-16 mm and hoses
- With leverage and quick-release lever, adjustable and lockable


| inch | $\stackrel{\mathrm{L}}{\mathrm{~mm}}$ | Jaw width mm | $\Delta{ }_{\mathrm{g}}$ | No. |
| :---: | :---: | :---: | :---: | :---: |
| 10" | 250 | 4-16 | 490 | 70250 |



## Pipe Welding Grip Pliers

Chrome vanadium steel, nickel-plated, hardened jaws made of chrome vanadium steel

- For safe, central clamping of pipes and round material aligned during welding work
- Reliable 3-point support, for steel pipes up to $\varnothing$ 3"
- U-shaped clamping jaws allow enough room for welding
- With leverage and quick-release lever, adjustable and lockable

| Len <br> inch | Jaw width <br> mm | $\Delta \mathrm{m}_{\mathrm{g}}$ | No. |  |
| :---: | :---: | :---: | :---: | :---: |
| $11^{\prime \prime}$ | 280 | 95 | 840 | 70257 |



## EASYGRIP

Automatic strap wrench for plastic pipes
Ø 20-160 mm (3/4-6")
The indispensable tool for socket welding large diameter plastic pipes

| KEY FEATURES |
| :--- |
| No damage to pipe surface with the centred prismatic support |
| Secure grip with special non-slip nylon strap |
|  |
| Model |
| EASYGRIP |
| Spare strap EASYGRIP |



## Strap and Fittings Wrench

Made of aluminium special alloy, with replaceable nylon strap

## KEY FEATURES

- Safe to use on chrome-plated fittings without damaging polished surfaces
- Use in the automotive industry (oil filter changes)

| inch | $\stackrel{-1}{\mathrm{~mm}}$ | $\begin{aligned} & \text { inch } \end{aligned}$ | $\stackrel{L}{\mathrm{~L}}$ | $\Delta_{g}$ | No. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 3" | 89 | 12" | 300 | 280 | 70240 |
| Spare strap 3" |  |  |  | 20 | 70268 |
| 8" | 220 | 12" | 300 | 290 | 70241 |
| Spare strap 8" |  |  |  | 30 | 70269 |



## Installation Wrenches

## UNI Stepped Key Set

For installation and removal of heating valve nipples, tank connectors and short tap extensions. Chrome vanadium steel, hardened, nickelplated, square drive 1/2"

| Product Profile |
| :--- |
| KEY FEATURES |
| Universally applicable: cam, internal hexagonal and 12-edged |
| driver, size $3 / 8-1 / 2-3 / 4-1$ " and other sizes in between |
| No canting of nipples and screw connections with the special |
| stepped key design |
| Combination key allows installation and removal of heating |
| nipples, tank connections and short tap extensions |
| 1/2" Ratchet makes installations quick and easy |



|  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Model | $\Delta \mathrm{g}$ | $\square$ | No. |  |
| Set: UNI Stepped Key and Ratchet | 670 | 1 | 12 | $\mathbf{7 3 2 9 7}$ |
| UNI Stepped Key | 120 | 1 | $\mathbf{7 3 2 9 8}$ |  |
| Gas Stepped Key | 80 | 1 | $\mathbf{7 3 2 8 0}$ |  |
| $1 / 2^{\prime \prime}$ ratchet | 440 | 1 | $\mathbf{2 7 1 8 0}$ |  |



## Express Spanner

Chrome vanadium steel, drop forged, chrome-plated


## Ring Ratchet Express Spanner



## KEY FEATURES

## Express Spanner

- Ideal for hard-to-reach screws
- Quick installation of sink fittings and corner valves
- Hanger bolt M10, middle piece with internal screw thread
- Easy loosening of the hanger bolt with integrated ball seat
- When the internal hexagonal screw is loosened, the hanger bolt can be moved on the spanner axle (longer lever)

Ring Ratchet Express Spanner

- With the smallest of ratchet angles, fine-toothed, R/L switchable, 12-edged, flat offset


| Spanner width for | for hanger bolts Size | $\stackrel{\mathrm{L}}{\mathrm{~L}}$ | $\Delta_{g}$ | No. |
| :---: | :---: | :---: | :---: | :---: |
| Wrench size $10 \times$ muzzle size | M 8 | 220 | 250 | 73290 |
| Wrench size $17 \times$ muzzle size 19 | M10 | 220 | 250 | 73299 |
| Wrench size $17 \times$ muzzle size 19 | M12 | 220 | 250 | 73291 |
| Wrench size $19 \times$ ring size 17 | M10 | 260 | 390 | 73293 |

## Bolt Driver

Bolt driver M6, M8, M10, M12 with 1/2" ratchet connector

## KEY FEATURES

- Without damage to the screw thread, for express and hanger bolts
- Easy loosening of the screw with the integrated ball seat

4-part set (No. 26164) includes: Bolt Driver M6 (No. 26160), M8 (No. 26161),
M10 (No. 26162), M12 (No. 26163), steel carrying case

| Model |  | mm | $\Delta \mathrm{b}$ |
| :--- | ---: | ---: | ---: |
| Set M6 - M8 - M10 - M12 |  | No. |  |
| Bolt driver M 6 | 35 | 70 | $\mathbf{2 6 1 6 4}$ |
| Bolt driver M 8 | 40 | 90 | $\mathbf{2 6 1 6 0}$ |
| Bolt driver M 10 | 45 | 100 | $\mathbf{2 6 1 6 2}$ |
| Bolt driver M 12 | 50 | 120 | $\mathbf{2 6 1 6 3}$ |

## Sanitary Four Way Key

Chrome Vanadium Special steel

## KEY FEATURES

- Four external hexagonal 3/8", 1/2", 3/4", $1^{\prime \prime}$ up to 100 mm and installation/ removal of heating valves and tank connectors
- 3 inner threads M8, M10 and M12 for hanger bolts


| Model | Dimensions mm | $\Delta{ }_{\mathrm{g}}$ | No. |
| :---: | :---: | :---: | :---: |
| Sanitary Four Way Key with | $220 \times 220$ | 610 | 351043 |
| 10 functions |  |  |  |

10 functions

Simple installation


## Sanitary Four Way Key

## Chrome Vanadium Special steel

## KEY FEATURES

## Multi-functional combined key:

- Four external hexagonal $3 / 8^{\prime \prime}, 1 / 2^{\prime \prime}, 3 / 4^{\prime \prime}, 1^{\prime \prime}$ for short tap, extensions, installation and removal of heating valves and tank connectors
- 3 inner threads M8, M10 and M6 for hanger bolts (wash basin fittings)


| Model | Dimensions <br> mm | $\Delta \mathrm{g}$ | No. |
| :--- | :---: | :---: | ---: |
| Sanitary Four Way Key <br> multifunctional | $200 \times 200$ | 530 | $\mathbf{3 5 1 0 4 4}$ |

## Installation Wrenches

ROFIX SANISET Profi
Installation tool


## 1 tool for 5 uses!

## User-friendly combination set for installation of basins, toilets

 and drains
## KEY FEATURES

- Bolt Driver Tool for M8 and M10 enables easy use in all positions
- Seat for the 9 mm and 13 mm extensions, as well as the RO-QUICK 2 adaptor with the Bolt Driver Tool
- Ease of use with the RO-QUICK 2 adaptor for the most common drains in bath tubs and basins


Set (No. 73200) includes: Bolt driver tool (No. 73201), RO-QUICK 2 adaptor (No. 73206), extension 9 mm (No. 73210), 13 mm (No. 73213), steel carrying case (No. 26410)

Set (No. 73202) like Set (No.73200), in addition extensions size 10, size 11, size 12 and size 14

| Model | with extension mm | $\Delta{ }_{\mathrm{g}}$ | No. |
| :---: | :---: | :---: | :---: |
| ROFIX SANISET Profi | 9-10-11-12-13-14 | 1,500 | 73202 |
| ROFIX SANISET | 9-13 | 900 | 73200 |
| Bolt Driver tool |  |  |  |
| M8/M10 | 215 | 120 | 73201 |
| RO-QUICK 2-Adaptor | 90 | 40 | 73206 |
| Special extension size 9 | 9185 | 50 | 73210 |
| Special extension size 10 | 0185 | 50 | 73209 |
| Special extension size 11 | 1185 | 50 | 73208 |
| Special extension size 12 | 2185 | 50 | 73212 |
| Special extension size 13 | 3185 | 50 | 73213 |
| Special extension size 14 | 4185 | 50 | 73214 |

## RO-QUICK

## Valve key

Release valve holder and key for eccentric and standard valves


No. 70413


## KEY FEATURES

- Quick and problem-free use by the installation of bathtubs, basins and sinks
- Can be used from the bottom up
- With 2 facing, spring mounted locking cams, as well as holder with T-handle
- Adaptor with star handle for showers, bathtubs (optional accessory)
- Torque-proof immediately on insertion


## No damage to <br> chrome-plated parts!

| Model |  | mm | $\Delta \mathrm{g}$ |
| :--- | ---: | ---: | ---: |
|  |  | No. |  |
| RO-QUICK Set |  |  | 70439 |
| RO-QUICK Valve Key | 120 | 300 | 70414 |
| Adaptor | 75 | 70 | 70413 |

## ROCLICK

Combined open-ended / hinged ratchet wrench


Chrome vanadium steel, polished and high shine chrome-plated

| KEY FEATURES | Small operating |
| :--- | :--- |
| Moveable ring ratchet allows for use even in tight spaces | radius of only $5^{\circ}$ : |



Fig. ROCLICK wrench set


Small $5^{\circ}$ operating radius


Adjustable inclination angle


## Torque Wrench Set

For proper tightening of flange connections
Set with adjustable torque wrench ( $10-70 \mathrm{Nm}$ ) and 6 spanner inserts sizes 17, 22, 24, 26, 27 and 29 mm for flange connections on $1 / 4^{\prime \prime}, 3 / 8^{\prime \prime}, 1 / 2^{\prime \prime}$ and $5 / 8^{\prime \prime}$ pipe lines according to DIN EN 378-2 : 2012-08

Fix with torque urgently necessary!

8 piece set (No. 1750.01) includes: spanner wrench sizes $17,22,24,26,27,29 \mathrm{~mm}$, torque wrench, carrying bag

| Model |  | $\Delta_{\mathrm{kg}}{ }^{\text {a }}$ | No. |
| :---: | :---: | :---: | :---: |
| Torque wrench set, 7 piece |  | 3.5 | 175001 |
| Pipe-Ø | Spanner width |  | Locking torque |
| $1 / 4^{\prime \prime}$ / 6 mm | 17 mm |  | 14-18 Nm |
| 3/8" / 10 mm | 22 mm |  | 33-42 Nm |
| 1/2" / 12 mm | 24 mm |  | $50-62 \mathrm{Nm}$ |
| 1/2" / 12 mm | 26 mm |  | $50-62 \mathrm{Nm}$ |
| 5/8" / 15/16 mm | 27 mm |  | $63-77 \mathrm{Nm}$ |
| 5/8" / 15/16 mm | 29 mm |  | 63-77 Nm |

## ROTURN

## Combined ring / open-ended spanner



Chrome vanadium steel, polished and high shine chrome-plated
KEY FEATURES

- Loosening of up to 70\% of damaged hexagonal screws with hexagonal open end and ridged profile
- Ergonomically optimised: Pressure on the flat side of spanner makes work easier


8 part set (No. 70475) includes: ROTURN 10-11-13-14-16-17-19-22 mm, in plastic case

| Model | $\boxed{\sigma_{\mathrm{kg}}} \boldsymbol{\square}$ |  | No. |  |
| :--- | :---: | :---: | :---: | :---: |
| ROTURN spanner set, 8 pieces | 1.7 | 1 | 12 | $\mathbf{7 0 4 7 5}$ |

## Installation Wrenches

ROCLICK Key
Chrome vanadium, head black atramentized


| Model | Key width <br> mm | L <br> mm | $\Delta \mathrm{g}$ | No. |
| :--- | :---: | :---: | :---: | :---: | :---: |
| ROCLICK Key 10 | 10 | 134 | 80 | $\mathbf{7 0 4 2 0}$ |
| ROCLICK Key 11 | 11 | 137 | 80 | 70419 |
| ROCLICK Key 12 | 12 | 137 | 80 | 70421 |
| ROCLICK Key 13 | 13 | 137 | 90 | 70422 |
| ROCLICK Key 14 | 14 | 140 | 90 | $\mathbf{7 0 4 2 3}$ |

## Ring Spanner

Chrome vanadium steel, drop forged, chrome-plated


## Adjustable Wrench

Chrome vanadium steel, drop forged, chrome-plated and polished

## KEY FEATURES

- With the spring mechanism - the harder the pressure, the more firmer the grip
- Self-ratcheting effect when turning back

Fast extraction and loosening of screws

- Suitable especially for screws on pipes, cables and rods


| Model | Key width <br> mm | mm | $\Delta \mathrm{g}$ | No. |
| :--- | :---: | :---: | :---: | :---: |
| ROCLICK Key 16 | 16 | 184 | 130 | $\mathbf{7 0 4 2 4}$ |
| ROCLICK Key 17 | 17 | 184 | 140 | 70425 |
| ROCLICK Key 19 | 19 | 188 | 188 | 70426 |
| ROCLICK Key 21 | 21 | 230 | 230 | 70427 |
| ROCLICK Key 24 | 24 | 240 | 240 | 70418 |

## KEY FEATURES

- Ideal for hard-to-reach screws with the finely toothed R/L switchable ratchet
- 12-edged, flat offset, robust and indestructible

7-part set (No. 70281) includes: ROCLICK $10 \times 11,12 \times 14,13 \times 17,15 \times 16,19 \times 22$, $24 \times 27,30 \times 32 \mathrm{~mm}$

| Model | $\frac{\mathrm{L}}{\mathrm{~mm}}$ | $\Delta \Delta^{\prime}$ | $\square$ | (10) | No. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $15 \times 16$ | 260 | 320 | 1 | 36 | 70273 |
| $19 \times 22$ | 310 | 440 | 1 | 36 | 70274 |
| $24 \times 27$ | 360 | 700 | 1 | 36 | 70276 |
| $30 \times 32$ | 410 | 990 | 1 | 36 | 70277 |

## KEY FEATURES

- Precise operation: Smooth-running and robust roller with minimum play in the sliding guides


| Size <br> inch | men <br> mm | Clamping width <br> up to mm | $\Delta \mathrm{g}_{\mathrm{g}}$ | No. |
| :--- | :---: | :---: | ---: | ---: |
| $10^{\prime \prime}$ | 250 | 29 | 390 | 70443 |
| $12^{\prime \prime}$ | 300 | 34 | 660 | 70444 |
| $15^{\prime \prime}$ | 380 | 44 | 1,170 | 70445 |

## One Handed Type R

The ideal multi-function spanner with ratchet function - for almost all bolt and nut applications up to a size of 42 mm (1.1/4")

## KEY FEATURES

Self-clamping even on smooth pipes, bolts, shafts and broken
Enormous leverage!


| $\mathrm{mm}$ | inch | Clamping width mm | Clamping width inch | $\Delta{ }_{g}$ | No. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 160 | 6" | SW 9-17 | 1/8" - 3/8" | 80 | 70220 |
| 200 | 8" | SW 14-28 | 1/4" - 3/4" | 200 | 70221 |

## Double-End Box Wrench Set

Chrome vanadium steel, chrome-plated DIN 838 10-piece
$6 \times 7,8 \times 9,10 \times 11,12 \times 13,14 \times 15,16 \times 17,18 \times 19$, $20 \times 22,24 \times 27,30 \times 32 \mathrm{~mm}$

## 12-piece

$6 \times 7,8 \times 9,10 \times 11,12 \times 13,14 \times 15,16 \times 17,18 \times 19$,
$20 \times 22,21 \times 23,24 \times 27,25 \times 28,30 \times 32 \mathrm{~mm}$


## Open-Ended Wrench Set

Chrome vanadium steel, chrome-plated DIN 3113 8-piece
$8 \times 8,9 \times 9,10 \times 10,11 \times 11,13 \times 13,14 \times 14,17 \times 17,19 \times 19 \mathrm{~mm}$

| Model | No. |
| :--- | ---: |
| Open-ended wrench set 8-piece | $\mathbf{8 4 9 5 5 4}$ |


| Model | No. |
| :--- | ---: |
| Double-end box wrench set 10-piece | 849064 |
| Double-end box wrench set 12-piece | $\mathbf{8 4 9 0 6 5}$ |

## Double-end Box Wrench Set

Chrome vanadium steel, chrome-plated DIN 3110 10-piece
$6 \times 7,8 \times 9,10 \times 11,12 \times 13,14 \times 15,16 \times 17,18 \times 19$,
$20 \times 22,24 \times 27,30 \times 32$

## 12-piece

$6 \times 7,8 \times 9,10 \times 11,12 \times 13,14 \times 15,16 \times 17,18 \times 19$,
$20 \times 22,21 \times 23,24 \times 27,25 \times 28,30 \times 32 \mathrm{~mm}$

| Model | No. |
| :--- | ---: |
| Double-end box wrench set 10-piece | 849334 |
| Double-end box wrench set 12-piece | 849335 |
| $6 \times 7 \mathrm{~mm}$ | 849285 |
| $8 \times 9 \mathrm{~mm}$ | 849289 |
| $10 \times 11 \mathrm{~mm}$ | 849293 |
| $12 \times 13 \mathrm{~mm}$ | 849299 |
| $14 \times 15 \mathrm{~mm}$ | 849303 |


| Model | No. |
| :--- | ---: |
| $16 \times 17 \mathrm{~mm}$ | 849306 |
| $18 \times 19 \mathrm{~mm}$ | 849308 |
| $20 \times 22 \mathrm{~mm}$ | 849311 |
| $21 \times 23 \mathrm{~mm}$ | 849313 |
| $24 \times 27 \mathrm{~mm}$ | 849317 |
| $25 \times 28 \mathrm{~mm}$ | 849319 |
| $30 \times 32 \mathrm{~mm}$ | 849323 |

## Screwdrivers

## EUROLINE ${ }^{\circledR}$

Screwdrivers

| Product Profile |
| :--- |
| KEY FEATURES |
| High force transmission with 2 component handle |
| Guarantees perfect seat on screw head |
| Colour coding for different tips enables quick differentiation |
| Oil, fat and hydrocarbon resistant |

## CHARACTERISTICS

- Blade made of chrome vanadium steel with high-torque and hardness, matt chrome-plated
- Hardened, burnished tip with high durability for reliable force transmission even for tightly secured screws
- Guaranteed perfect seat on screw head, long service life even with long term use
- Handle made of high-quality plastic, grip-friendly AS knob form

Slot Screwdriver


Phillips Screwdriver


## Pozidriv Screwdriver



ROBIT
10-piece bit set
With magnet holder and front tip


| Model | No. |
| :--- | ---: |
| ROBIT bit set (10-piece) | 73670 |

## EUROLINE® ${ }^{\text {IMPAKT }}$

Screwdriver with continuous, strengthened blade

| Product Profile |
| :--- |
| KEY FEATURES |
| One-piece, strengthened blade with metal cap allows directed |
| hammer blows, for example loosening stuck screws |

Set (No. 73575) includes:



Constant strenghtened blade with metal cap



5-piece set (No. 73575) includes: Slot screwdriver $55 \times 100$ (No. 73565), $6.5 \times 125$ (No. 73566), $8 \times 150$ (No. 73567), Phillips PH $1 \times 80 \mathrm{~mm} 1$ (No. 73536), PH $2 \times 100 \mathrm{~mm}$ (No. 73537)


## VDE Screwdriver Set

Blades made of chrome vanadium molybdenum steel, thoroughly hardened, extrusion-coated blade insulation tightly joined with handle, 1,000 Volt



| Model | $\boxed{g}$ | No. |
| :--- | :---: | :---: | :---: |
| VDE Screwdriver Set, includes: | 680 | 323126 |
| Slot 2,5 $\times 75 ; 4,0 \times 100 ; 5,5 \times 125 ; 6,5 \times 150$ |  |  |
| Phillips PH $1 \times 80 ;$ PH $2 \times 100$ and live-wire-tester |  |  |

## Installation Aids

## ROCHECK

## Spirit level for angled valves

For exact vertical and horizontal alignment of fittings

## KEY FEATURES

With horizontal and head levels

- One side with $1 / 2^{\prime \prime}$ external screw thread


## ROCHECK

Spirit level for standard distances
Accurate installations with installation gauge for fittings, with horizontal and vertical levels, unbreakable

## KEY FEATURES

For standard distances: 97-120-153-160-170-200-210mm

## Precise Installation!



Exact Adjustment!

Exact installation by assembling jig for braces


4-part set (No. 70667) includes: Spirit level for angled valves 200 mm (No. 70661), Spirit level for standard distances 300 mm (No. 70665), 1 flexible ruler 2 m (No. 252100), steel carrying case (No. 24022)

| Model | $\Delta \mathrm{g}$ | No. |
| :--- | ---: | ---: |
| ROCHECK Set in steel case | 2.260 | 70667 |
| ROCHECK spirit level for angled valves 200 mm | 220 | 70661 |
| ROCHECK spirit level for standard distances 300 mm | 260 | 70665 |

Cartridge Extractor Set
Simple extraction of cartridges in taps


## KEY FEATURES

- Simple extraction of cartridges in taps
- 4 adaptors with hook, threaded rod, screw or rivet adaptor for cartridges made before 1979, starting in 1979 and MOEM cartridges, as well as extraction tools

Simple use:
Screw the appropriate cartridge extractor on the threaded rod, attach to the cartridge, guide the cartridge body and counter piece over the thread rod, rotate the t-handle and pull the cartridge out of its seat.

Set (No. 854390) includes: T-handle (No. 854380), screw $12 \times 92$ (No. 854381), turning handle (No. 854382), threaded rod M10 $\times 130$ (No. 854383), cartridge body $32 \times 131$ (No. 854384), cartridge extractor with thread (No. 854385), cartridge extractor with hook (No. 854386), cartridge extractor $20 \times 45$ (No. 854387), counter piece (No. 854388), steel carrying case

| Model | $\widehat{\Delta_{k g} \Delta}$ | No. |
| :--- | :---: | ---: |
| 9-part set | 1.25 | $\mathbf{8 5 4 3 9 0}$ |

## RODOKIT Set

## Tap reseating tool

For accurate reshaping of worn tap seats from leaky spigots

## KEY FEATURES

- Smooth, precise and centred chip removal with the special cutter with three milling cams
- Cone adaptor with multi-trapezoidal thread for various valve threads

Set (No. 70980) includes: Basic tool, thread adaptor size 1, 2, 3, 4, cone adaptor, cutter $\varnothing$ 12-15-16-18 mm

| Model |  | $\Delta \mathrm{s}$ | No. |
| :---: | :---: | :---: | :---: |
| RODOKIT Set |  | 1.170 | 70980 |
| RODOKIT Basic Tool |  | 230 | 70981 |
| Cone adaptor |  | 100 | 70992 |
| Dimensions | $\Delta{ }_{g}$ | Cutter | Adaptor |
| 12 mm | 10 | 70982 | 70986 |
| 15 mm | 10 | 70983 | 70987 |
| 16 mm | 10 | 70984 | 70988 |
| 18 mm | 10 | 70985 | 70989 |



With rust-free steel cutter for high-quality armature!

## Tap Reseating Tool

For exact re-cutting of worn tap seats from leaky spigots

| Product Profile |
| :--- |
| KEY FEATURES |
| Fast and simple use with exact re-cutting of worn tap seats |
| Cylindrical stepped threaded adaptor that is suitable for all |
| conventional fittings |
| Adjustable cutting pressure using spring and regulating screw |
| enable precise work |
| Exchangeable cutter is always ready for use |


| Model | - ${ }^{\text {- }}$ - inch | $\Delta \mathrm{g}$ | No. |
| :---: | :---: | :---: | :---: |
| Basic Tool with cutter | 3/8"-1" | 350 | 70970 |
| 3/8"-1/2"-3/4"-1" in Box |  |  |  |
| Basic Tool with cutter | 3/8"-1" | 980 | 70974 |
| 3/8"-1/2"-3/4"-1" |  |  |  |
| and each with 3 seals in steel compartment |  |  |  |
| Basic Tool with cutter | 1/4" - $1^{\prime \prime}$ | 1.060 | 70972 |
| 1/4"-3/8"-1/2"-3/4"-1" |  |  |  |
| and each with 3 seals in steel box |  |  |  |
| Basic Tool without cutter |  | 250 | 70950 |
| Water-tap valve seat cutter |  |  | 70951 |
| Spare cutter | 1/4" | 10 | 70976 |
| Spare cutter | 3/8" | 10 | 70954 |
| Spare cutter | 1/2" | 10 | 70955 |
| Spare cutter | 3/4" | 20 | 70956 |
| Spare cutter | $1^{\prime \prime}$ | 30 | 70957 |



## Installation Aids

## Standard Spirit Level



## ROMATIC and Ruler

## Measuring tape



## KEY FEATURES

- Easy handling
- Automatic tape rewind
- With set/stop button that can be used as marker for repeated measurements


| Model | Measuring length <br> m | Tape width <br> mm | $\mathrm{g}_{\mathrm{g}}$ | No. |
| :--- | :---: | :---: | :---: | ---: |
| ROMATIC | 3 | 16 | 120 | $\mathbf{7 7 3 9 6}$ |
| ROMATIC | 5 | 19 | 230 | $\mathbf{7 7 3 9 7}$ |
| Flexible ruler | 2 |  | 100 | $\mathbf{2 5 2 1 0 0}$ |

## Basin Nut Wrench

Special chrome vanadium steel, drop forged, very tough

## KEY FEATURES

Optimum force transmission with the T-handle

- Rotatable claw for right and left-handed rotation


Telescopic Basin Nut Wrench
Chrome-plated, with pivoted reversible jaw for right and left-handed rotation


| Clamping range <br> inch |  | mm <br> mm | $\Delta \mathrm{V}_{\mathrm{g}}$ | No. |
| :---: | :---: | :---: | :---: | :---: |
| $10-32$ | $3 / 8^{\prime \prime}-1.1 / 4^{\prime \prime \prime}$ | $275-455$ | 710 | 70225 |
| $20-48$ | $3 / 4^{\prime \prime}-1.7 / 8^{\prime \prime}$ | $290-470$ | 740 | 70226 |
| $32-63$ | $1.1 / 4^{\prime \prime}-21 / 2^{\prime \prime}$ | $290-470$ | 780 | 70227 |

## Sheet Metal Crimping Pliers

Self-opening, PVC coated handles

- For joining of sheets up to 1 mm thick using ripple on pipe end
- Exact and quick adjustment



## Tower Pincers / Concreter's Nippers

Special forged steel, slim head, polished, long plastic covered handles


## Basin Nut Wrench

Special chrome vanadium steel, drop forged, coated with adjustment screw


| Model | $\xrightarrow[m m]{\mathrm{L}}$ | $\Delta \mathrm{s}$ | No. |
| :---: | :---: | :---: | :---: |
| Basin Nut Wrench | 270 | 580 | 351050 |

## ROBOLT Bolt Cutter

Effortless cutting of construction steel up to $1300 \mathrm{~N} / \mathrm{mm}^{2}$ (HRC 40), gate steel, concrete steel types I, II, III, IV, pre-stressed concrete steel and steel wire


| $\frac{\mathrm{L}}{\mathrm{~L}}$ | $\underset{\text { inch }}{2}$ | Cutting perfor $490 \mathrm{~N} / \mathrm{mm}^{2}$ | nce $\varnothing$ mm $300 \mathrm{~N} / \mathrm{mm}^{2}$ | $\triangle_{\mathrm{kg}}$ | No. Robolt | No. <br> head |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 300 | 12" | $5 \mathrm{~mm}-3 / 16^{\prime \prime}$ | 4 mm - 5/32" | 0.75 | 7501 | 75020 |
| 350 | 14" | 7 mm - 1/4" | $5 \mathrm{~mm}-3 / 16^{\prime \prime}$ | 0.98 | 75011 | 75021 |
| 450 | 18" | $8 \mathrm{~mm}-5 / 16^{\prime \prime}$ | $6 \mathrm{~mm}-1 / 4^{\prime \prime}$ | 1.60 | 75012 | 75022 |
| 600 | 24" | $10 \mathrm{~mm}-3 / 8^{\prime \prime}$ | 8 mm - 5/10" | 2.63 | 75013 | 75023 |
| 750 | 30" | $13 \mathrm{~mm}-1 / 2^{\prime \prime}$ | $9 \mathrm{~mm}-11 / 32^{\prime \prime}$ | " 4.00 | 75014 | 75024 |
| 900 | 36" | $16 \mathrm{~mm}-5 / 8^{\prime \prime}$ | $10 \mathrm{~mm}-3 / 8^{\prime \prime}$ | 6.24 | 75015 | 75025 |
| 1,050 | 42" | $19 \mathrm{~mm}-3 / 4^{\prime \prime}$ | $11 \mathrm{~mm}-7 / 16^{\prime \prime}$ | 9.39 | 75016 | 75026 |

## Universal Grip Wrench

Nickel-plated, forged chrome vanadium steel. Firm grip of profiles and flat materials. With lever gear and quick-release lever, adjustable and lockable

| Lnch <br> inch | mm <br> mm | Clamping width <br> mm | $\Delta \Delta_{\mathrm{g}} \Delta$ | No. |
| :---: | :---: | :---: | :---: | :---: |
| $10 "$ | 250 | 32 | 570 | $\mathbf{7 0 2 5 2}$ |

## Installation Aids

## Combination Pliers

For hard and soft wire, special tool steel, oil hardened, special slim form, chrome-plated head, zero-play joint and heavily insulated handles


| $L \mathrm{~mm}$ | Model | $\sqrt{g} \Delta$ | No. |
| :--- | :--- | ---: | ---: |
| 180 | DIN 5244 | 250 | 324559 |

## Insulation Stripper

Special tool steel, oil hardened, chrome-plated, zero-play joint, heavily insulated handles, with adjustment screw and opening spring


| $\square \mathrm{mm}$ | -maxmm | $\Delta \mathrm{g}$ | No. |
| :---: | :---: | :---: | :---: |
| 165 | 5 | 160 | 324800 |

## Long Nose Pliers, straight

With cutting edge for hard and soft wire, flat oval jaws, tapered off, special tool steel, oil hardened, chrome-plated head, zero-play joint with heavily insulated handles


| $L \mathrm{~mm}$ | Model | $\Delta \Delta_{g}$ | No. |
| :--- | :---: | :---: | :---: |
| 200 | DIN 5236A | 200 | 324737 |

## Edge Cutter

For hard and soft wire, special tool steel, oil hardened, heavily insulated handles


| $L \mathrm{~mm}$ | Model | $\Delta \mathrm{g}_{\mathrm{g}}$ | No. |
| :--- | :---: | :---: | :---: |
| 160 | DIN 5238B | 210 | 324577 |

## Power Edge Cutter

For piano wire, hard and soft wire, powerful, special tool steel, oil hardened, chrome-plated head, zero-play joint, with heavily insulated handles


| $L \mathrm{~mm}$ | Model | $\Delta \mathrm{g}$ | No. |
| :--- | :---: | :---: | :---: |
| 180 | DIN 5238A | 250 | 324588 |

## Long Nose Pliers, angled

With cutting edge for hard and soft wire, flat oval jaws, tapered off, special tool steel, oil hardened, chrome-plated head, zero-play joint with heavily insulated handles


| $L \mathrm{~mm}$ | Model | $\boxed{g_{\mathrm{g}}}$ | No. |
| :--- | :---: | :---: | :---: |
| 200 | DIN 5236D | 200 | 324739 |



Allen Key Set
CV steel 50Cr-V4, achromatised, hardness and torque in compliance with DIN 911


No. 321300
No. 70301/70302

| Size <br> $\mathrm{mm} /$ inch |  |  |  |
| :--- | :--- | ---: | ---: |
| Model | $\Delta \Delta_{g}$ | No. |  |
| Clip holder | $2,5-3-4-5-6-8-10 \mathrm{~mm}$ | 340 | $\mathbf{7 0 3 0 1}$ |
| Clip holder | $3 / 32-1 / 8-5 / 32-3 / 16-1 / 4-5 / 16-3 / 8^{\prime \prime}$ | 340 | 70302 |
| Ring | $2-2,5-3-4-5-6-8-10 \mathrm{~mm}$ | 250 | 321300 |

## Screw Extraction Sets

For boring out broken screws or bolts for threads M 5-M 16

## INSTRUCTIONS FOR USE

1. Apply bore with guide bush and the appropriate, ground HSS drill bit. Pre-bore for screws 7 mm diameter and above
2. Insert boring stud (no deformation of the drilled workpiece)
3. Attach boring nut and turn with spanner, do not tilt
4. Use special guide bushes for sunken or protruding rupture points


Instructions for screw extraction
For rough-running threads, spray on solution or apply heat. Boring studs are made of high-quality material, therefore they do not twist or heat up

## Screw Extraction Sets

Packaged in handy plastic box with spiral drills, guide bushes, boring studs and boring nuts

| Set | Set contains <br> complete for | Contains <br> piece | $\Delta v_{g}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Size 1 | M 5 - M 12 | 21 pieces | 450 | $\mathbf{7 1 3 1 0}$ |
| Size 2 | M 5 - M 16 | 25 pieces | 580 | $\mathbf{7 1 3 1 1}$ |



| For thread | Guide bush size | Guide bush No. | $-\mathrm{ol}$ | Pre-boringNo. | $-\frac{\mathrm{O}}{\mathrm{~mm}}$ | Boring No. | Boring stud size | Boring stud No. | Boring nut hex for size | Boring nut No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M 5 | Size 1 | 71291 |  |  | 3.2 | 71301 | Size 1 | 71281 | Size 1/SW10 | 71286 |
| M 6 | Size 2 | 71292 |  |  | 3.2 | 71301 | Size 1 | 71281 | Size 1/SW10 | 71286 |
| M 7 | Size 3 | 71293 | 3.2 | 71301 | 4.8 | 71302 | Size 2 | 71282 | Size 2/SW11 | 71287 |
| M 8 | Size 4 | 71294 | 3.2 | 71301 | 4.8 | 71302 | Size 2 | 71282 | Size 2/SW11 | 71287 |
| M 9 | Size 5 | 71295 | 4.8 | 71302 | 6.4 | 71303 | Size 3 | 71283 | Size 3/SW13 | 71288 |
| M 10 | Size 6 | 71296 | 4.8 | 71302 | 6.4 | 71303 | Size 3 | 71283 | Size 3/SW13 | 71288 |
| M 12 | Size 7 | 71297 | 4.8 | 71302 | 8.0 | 71304 | Size 4 | 71284 | Size 4/SW14 | 71289 |
| M 14 | Size 8 | 71298 | 6.4 | 71303 | 8.7 | 71305 | Size 5 | 71285 | Size 5/SW17 | 71290 |
| M 15 | Size 9 | 71299 | 6.4 | 71303 | 8.7 | 71305 | Size 5 | 71285 | Size 5/SW17 | 71290 |
| M 16 | Size 10 | 71300 | 6.4 | 71303 | 8.7 | 71305 | Size 5 | 71285 | Size 5/SW17 | 71290 |

## Cutting Discs

## Cutting Disc Assortment

For burr－fee and quick cutting of stainless steel， steel，cast iron and stone

| Description | No． |  | $\begin{aligned} & \text { n } \\ & \frac{5}{0} \\ & \hline \end{aligned}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{\circ} \\ & \stackrel{\circ}{\circ} \end{aligned}$ |  | $\begin{aligned} & \text { चे } \\ & \text { 总 } \end{aligned}$ | $\begin{aligned} & \stackrel{2}{0} \\ & \stackrel{4}{4} \\ & \hline \end{aligned}$ | $\begin{aligned} & \frac{0}{0} \\ & 3 \\ & \hline \end{aligned}$ |  | 茳 | $\begin{aligned} & \frac{ट}{\frac{1}{2}} \\ & \frac{1}{4} \\ & \hline \end{aligned}$ | $\begin{aligned} & \frac{0}{0} \\ & \hline 0 \\ & \hline \end{aligned}$ | 給 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cutting disc INOX Profi Plus（ $115 \times 1 \times 22)$ | 071533D | － | － | － | $\bullet \bullet$ | － | － | $\bullet$ | $\bullet$ | $\bigcirc$ | $\bullet$ | $\bullet \bullet$ | $\bullet$ |
| Cutting disc INOX Profi Plus（ $125 \times 1 \times 22)$ | 071534D | $\bullet$ | － | － | $\bullet \bullet$ | $\bullet \bullet$ | $\bullet \bullet$ | $\bullet$ | $\bullet \bullet$ | $\bigcirc$ | $\bullet \bullet$ | $\bullet \bullet$ | $\bullet$ |
| Grinding／Cutting disc INOX Safe Cut（115 $\times 2 / 1 \times 22$ ） | 071551D | － | － | － | $\bullet 0$ | $\bullet 0$ | $\bullet 0$ | $\bullet \bullet$ | $\bullet$ | － | － | － | $\bullet$ |
| Grinding／Cutting disc INOX Safe Cut（125 $\times 2 / 1 \times 22$ ） | 071552D | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet \bullet$ | $\bullet \bullet$ | $\bullet \bullet$ | $\bullet \bullet$ | $\bullet \bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | － |
| Grinding／Cutting disc INOX 2 in $1(115 \times 2,5 \times 22)$ | 071553D | $\bullet$ | － | － | $\bullet 0$ | － | $\bullet 0$ | $\bigcirc$ | $\bullet$ | $\bullet$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| Grinding／Cutting disc INOX 2 in 1 （ $125 \times 2,5 \times 22$ ） | 071554D | $\bullet$ | $\bullet$ | － | $\bullet \bullet$ | $\bullet$ | $\bullet \bullet$ | $\bullet \bullet$ | $\bullet \bullet$ | $\bullet$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| INOX PROFI PLUS |  |  |  |  | Il suit |  |  |  | uited |  | par | lly | suited |

Grinding／cutting discs for stainless steel（ $1 \mathbf{~ m m}$ ）
For thin sheet metal（e．g．in body work，tank equipment and container construction），steel cable，thin－walled profiles and pipes made of stainless steel and NE metals，composite materials（GFK），
high－temperature materials
－This very thin wheel enables a one－of－a－kind clean cut with a minimum of effort in a short amount of time
－Millimetre accurate use，vibration－free operation without thermal blue discolouration or burr formation（burr－free）

| Model | Dimensions mm | $\Delta \mathrm{g} \Delta$ | No． |  |
| :--- | :--- | :--- | :--- | :--- |
| Profi Plus box 115 | $115 \times 1.0 \times 22$ | 350 | $1(10)$ | 25 |
| 071533D |  |  |  |  |
| Profi Plus box 125 | $125 \times 1.0 \times 22$ | 450 | $1(10) 25$ | 071534 D |



## SAFE CUT

## Cut－off disc for steel and stainless steel

－One－of－a－kind conical form that prevents the cut－off wheel from getting jammed in the workpiece and avoids the dangerous ＂Kick－Back＂－Effect
－The profiles tapers from a 2 mm outside thickness to 1 mm on the inside，thus the cutting behaviour is optimised
－Comfortable，simple cutting with absolute peace－of－mind

| Model | Dimensions mm | $\Delta \mathrm{g}$ | $\square$ | No． |
| :--- | :--- | :---: | ---: | ---: |
| Safe Cut box 115 | $115 \times 2 / 1 \times 22$ | 350 | $1(10)$ | $\mathbf{0 7 1 5 5 1 D}$ |
| Safe Cut box 125 | $125 \times 2 / 1 \times 22$ | 450 | $1(10)$ | $\mathbf{0 7 1 5 5 2 D}$ |



## 2 IN 1

Cut－off and grinding disc for steel and stainless steel
－Fast cutting and side grinding in one step
－For cutting at a comfortable speed
－Instant（without changing wheel）deburring， chamfering and grinding
－The lateral load is certified（CN 12413）

| Model | Dimensions mm | $\boxed{\Delta g}$ | $\boxed{ }$ | No． |
| :--- | :--- | :---: | ---: | ---: |
| 2in1 box 115 | $115 \times 2,5 \times 22$ | 550 | $1(10)$ | 071553D |
| 2in1 box 125 | $125 \times 2,5 \times 22$ | 650 | $1(10)$ | $\mathbf{0 7 1 5 5 4 D}$ |



## PROFI PLUS

Twist drill set DIN 338 Type N
HSS rolled, all drill diameters
in 0.5 mm diameter steps

## HM-Stone Drill

High-performance drill made with carbide

| $\stackrel{-1}{\mathrm{~mm}}$ | No. | $\mathrm{mm}$ | No. |
| :---: | :---: | :---: | :---: |
| 4 | 112040 | 9 | 112049 |
| 5 | 112042 | 10 | 112050 |
| 6 | 112044 | 12 | 112052 |
| 7 | 112046 | 13 | 112053 |
| 8 | 112047 | 14 | 112054 |



Flat Center Bit
For precise drilling depth


| $\stackrel{-1}{\mathrm{Om}}$ | No. | $\stackrel{-\mathrm{O}}{\mathrm{~mm}}$ | No. |
| :---: | :---: | :---: | :---: |
| 10 | 464010 | 28 | 464028 |
| 12 | 464012 | 32 | 464032 |
| 14 | 464014 | 35 | 464035 |
| 16 | 464016 | 38 | 464038 |
| 18 | 464018 | 40 | 464040 |
| 20 | 464020 | Extension | 463610 |
| 25 | 464025 | $6 \times 300 \mathrm{~mm}$ |  |

## Drill Bits

## Chassis Punch

Chassis Punch for uniform deformation-free punching of sheets, steel sheets, V2A sheets, copper and aluminium

## KEY FEATURES

- Ideal for tight spaces such as fuse boxes, junction boxes, instrument panels, sinks, car bodies
- Special tool steel, burnished
- Guaranteed long service life
- Material thickness up to max. 4 mm


| $\stackrel{-1}{\mathrm{ol}}$ | Through size | $\Delta \Delta^{\prime}$ | No. |
| :---: | :---: | :---: | :---: |
| 28.3 | PG21 | 220 | 21828 |
| 32 |  | 260 | 021832X |
| 34 |  | 260 | 21834 |
| 35 |  | 270 | 21835 |
| 36 |  | 270 | 21836 |
| 38 |  | 370 | 21838 |

## UNIDRILL®

## HSS stepped drill bit

In one step, sheets can be centred, spot drilled, drilled and deburred

No. 21313



Fig. Chassis Punch

5-piece set (No. 21801) includes: 1 Chassis Punches $\varnothing 28.3 \mathrm{~mm}$ (No. 21828), 32 mm (No. 21832), 35 mm (No. 21835), spare screw in plastic case

| Model | $\Delta \mathrm{g}$ | No. |
| :--- | :---: | :---: |
| Chassis Punch, 5 pieces | 750 | $\mathbf{2 1 8 0 1}$ |
| Spare screw M10 x 1.0 for $\varnothing 16-38 \mathrm{~mm}$ |  | $\mathbf{2 1 9 0 2}$ |
| Spare screw M12 x 1.5 for $\varnothing ~ 39-50 \mathrm{~mm}$ | $\mathbf{2 1 9 0 3}$ |  |
| Spare screw M16 x 1.5 for $\varnothing 51-65 \mathrm{~mm}$ | $\mathbf{2 1 9 0 4}$ |  |



3-piece set (No. 21313) includes: Stepped drill bit size 1 (No. 21305), size 2 (No. 21306) and size 3 (No. 21307), in steel case


| Size | $-\mathrm{O}$ | $\xrightarrow[m m]{L}$ | Shaft mm | $\Delta \Delta^{\prime}$ | No. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 4-12 | 65 | 6 | 22 | 21305 |
| 2 | 4-20 | 75 | 8 | 60 | 21306 |
| 3 | 4-30 | 100 | 10 | 185 | 21307 |

## UNIDRILL®

HSS sheet metal cone bit
Step-less and burr-free drilling of holes without deformation, suitable for even the thinnest of sheets, no pre-drilling, can be re-polished, with spot drilling tip for size 3 and above

3-piece set (No. 21750) includes: Sheet metal cone bit size 1 (No. 21541), size 2 (No. 21542) and size 3 (No. 21543), in plastic cartridge

| Size | $\xrightarrow[m m]{L_{4}}$ | Shaft mm | $\mathrm{mm}$ | $\Delta \Delta^{\prime}$ | No. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| UNIDRILL set with drill paste |  |  | 3.0-30.5 | 380 | 21545 |
| 1 | 58 | 6 | 3.0-14.0 | 20 | 21541 |
| 2 | 71 | 8 | 5.0-20.0 | 56 | 21542 |
| 3 | 76 | 9 | 16.0-30.5 | 120 | 21543 |
| EVERCOOL drill paste, 50 g |  |  |  | 80 | 21549 |

Burr-free drilling


## HSS Bimetal Hole Saws

Suitable for carbon steel (up to $700 \mathrm{~N} / \mathrm{mm} 2$ strength), non-ferrous and light metals, plastics, plaster, light construction, fibre, plywood and wood processing

Sets include: Hole Saw Set in plastic case, adaptor holder A1 (No. 114161) and A2 (No. 114162) with center drill, plastic case

| Hole Saw Sets | $\widehat{\Delta_{k g}}$ | No. |
| :--- | :---: | ---: |
| $19-22-29-38-44-57 \mathrm{~mm}$ | 1.27 | 114201 |
| $19-22-29-35-38-44-51-57-64 \mathrm{~mm}$ | 1.70 | 114202 |

## Adaptor Holder

For HSS Bimetal hole saws with center drill

| Type for Hole saw | Adaptor | $\Delta{ }_{g} \Delta$ | No. |
| :--- | :---: | :---: | ---: | ---: |
| A1 up to 30 mm | $12 \mathrm{~mm}-$ hex | 75 | 114161 |
| A2 32 up to 152 mm | $12 \mathrm{~mm}-$ hex | 230 | 114162 |
| Spare center drill, HSS | 6.35 mm | 20 | 114171 |
| Extension 300 mm |  |  | $\mathbf{1 1 4 1 7 5}$ |

HSS Bimetal Hole Saws

| $-\mathrm{O}$ | for use with holder | No. |
| :---: | :---: | :---: |
| 14 | A1 | 114014 |
| 16 | A1 | 114016 |
| 17 | A1 | 114017 |
| 19 | A1 | 114019 |
| 22 | A1 | 114022 |
| 25 | A1 | 114025 |
| 28 | A1 | 114028 |
| 29 | A1 | 114029 |
| 30 | A1 | 114030 |
| 32 | A2 | 114032 |
| 33 | A2 | 114033 |
| 35 | A2 | 114035 |
| 36 | A2 | 114036 |
| 37 | A2 | 114037 |
| 38 | A2 | 114038 |
| 40 | A2 | 114040 |
| 41 | A2 | 114041 |
| 43 | A2 | 114043 |
| 44 | A2 | 114044 |
| 46 | A2 | 114046 |
| 48 | A2 | 114048 |




No. 114171


| $-\mathrm{O}$ | for use with holder | No. |
| :---: | :---: | :---: |
| 51 | A2 | 114051 |
| 52 | A2 | 114052 |
| 54 | A2 | 114054 |
| 57 | A2 | 114057 |
| 60 | A2 | 114060 |
| 65 | A2 | 114065 |
| 64 | A2 | 114064 |
| 67 | A2 | 114067 |
| 70 | A2 | 114070 |
| 79 | A2 | 114079 |
| 83 | A2 | 114083 |
| 89 | A2 | 114089 |
| 92 | A2 | 114092 |
| 98 | A2 | 114098 |
| 102 | A2 | 114102 |
| 105 | A2 | 114105 |
| 111 | A2 | 114111 |
| 114 | A2 | 114114 |
| 127 | A2 | 114127 |

## Drill Bits

## UNICUT HM

Carbide-tipped hole saws for cutting circular holes Ø 16-140 mm (5/8-5.1/2") without impact

## Product Profile

## APPLICATION AREA

For stationary and free-hand cutting of circular holes. For iron, steel, V2A - V4A, cast, copper, bronze, aluminium, zinc, plastic, fibre-glass, chipboard and wood, light construction plaster boards without impact

## KEY FEATURES

- For use even in high-speed hand drills and stand-mounted drilling machines due to anti-slip shaft
- Positive cutting angle for good chip removal
- Includes adaptor holder and replaceable HSS-Co5 centring drill up to 4 mm sheet thickness, cutting depth 10 mm


## UNICUT HM

## Hole saw set



Fig. UNICUT HM hole saw set

| mm | inch | $\Delta{ }_{\mathrm{g}}$ | No. | mm | inch | $\Delta \mathrm{g}$ | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 16 | 5/8" | 100 | 21316 | 30 |  | 140 | 21330 |
| 17 |  | 110 | 21317 | 31 |  | 180 | 21331 |
| 18 |  | 110 | 21318 | 32 | 1.1/4" | 180 | 21332 |
| 19 | 3/4" | 120 | 21319 | 33 |  | 180 | 21333 |
| 20 |  | 120 | 21320 | 34 |  | 180 | 21334 |
| 21 |  | 120 | 21321 | 35 | 1.3/8" | 190 | 21335 |
| 22 | 7/8" | 120 | 21322 | 36 |  | 190 | 21336 |
| 23 |  | 140 | 21323 | 37 |  | 190 | 21337 |
| 24 |  | 140 | 21324 | 38 | 1.1/2" | 190 | 21338 |
| 25 | $1 "$ | 120 | 21325 | 39 |  | 190 | 21339 |
| 26 |  | 130 | 21326 | 40 |  | 200 | 21340 |
| 27 |  | 130 | 21327 | 41 | 1.5/8" | 200 | 21341 |
| 28 | ~1.1/8" | 130 | 21328 | 42 |  | 200 | 21342 |
| 29 |  | 140 | 21329 | 43 |  | 210 | 21343 |



Set (No. 21300) includes: Hard metal hole saws, cutting spray 50 ml and spare centering pin $\emptyset 6 \mathrm{~mm}$ (No. 21394), in plastic case

| Model | $\Delta \Delta_{g}$ | No. |
| :--- | :---: | ---: |
| UNICUT HM Set 22-25-28-32-35 mm | 950 | $\mathbf{2 1 3 0 0}$ |
| Spare centering pin HSS 6 mm |  | $\mathbf{2 1 3 9 4}$ |
| Spare centering pin HSS 8 mm |  | $\mathbf{2 1 3 9 5}$ |



## Hammers, Chisels, Pin Punches

## Fitter's Hammer

Complies with DIN 1041, hickory wooden handle,
DIN
-Norm
head secured by sealed shaft


| Head weight $\overline{\Delta g}$ | Total weight $\sqrt{g} \boldsymbol{v}$ | No. |
| :---: | :---: | :---: |
| 300 | 470 | 322823 |
| 400 | 590 | 322824 |
| 500 | 670 | 322825 |
| 800 | 1,180 | 322827 |
| 1000 | 1,210 | 322828 |

## Centre Punch

Tip and cone polished, shaft: octagonal, complies with DIN 7250. Chrome vanadium steel, air-hardened and forged


| Cone tip | Shaft | $\Delta \mathrm{mm}$ | No. |  |
| :---: | :---: | :---: | :---: | :---: |
| 4 | 120 | 10 | 50 | 77279 |

## Lump Hammer

Complies with DIN 6475, hickory wooden handle,
head secured by sealed shaft

| Head weight $\overline{\Delta g}$ | Total weight $\overline{\Delta g}$ | No. |
| :--- | :---: | ---: |
| 1000 | 1,170 | 322921 |
| 1250 | 1,380 | 322922 |
| 1500 | 1,670 | 322923 |
| 2000 | 2,250 | 322924 |
|  |  |  |

Pin Punch Set, 6 pieces

6-piece set (No. 77297) includes: pin punches, 1 per size $150 \times 10 \times \varnothing 3, \varnothing 4, \varnothing 5$, $\varnothing 6 \mathrm{~mm}, 2$ in punches $150 \times 12 \times \varnothing 7, \varnothing 8 \mathrm{~mm}$

| Model | $\Delta{ }_{\mathrm{g}}$ | No. |
| :--- | :---: | :---: |
| Pin Punch Set | 550 | 77297 |



## Chisel

Safety tempered impact head prevents splintering off the chisel head

- Silver lacquered tip
- Chrome manganese silicon steel


No. 77164


No. 77072
$\qquad$

## Vices

## Parallel Vice

With forged and hardened pipe jaws, steel forged underneath the parallel vice jaws

- Non-breakable
- Protected, powerful spindle with trapezoidal thread
- Re-adjustable double-sided guide
- Anvil base for levelling and compressing work


| Jaw <br> width mm |  | ping depth mm |  | for pipes mm | $\Delta_{\mathrm{kg}}{ }^{\text {a }}$ | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 120 | 125 | 65 | 3/8-1.1/2" | 16-55 | 8.70 | 070705X |
| 140 | 150 | 80 | 3/4-2" | 27-70 | 15.60 | 070735X |

## Chain Pipe Vice

Tough, powerful design with V-shaped support, bending device, pipe support, wear-resistant jaws are forged and hardened, powerful chain, quick fastening due to offset lever and pre-tensioning screw, simple conversion to other pipe diameters, extremely robust powder epoxy coating

- V-shaped pipe supports with teeth and bridge prevent undesired bending during clamping
- Exchangeable jaws


| For pipes / inch | for pipes / mm | $\Delta_{\mathrm{kg}}$ | No. |
| :---: | :---: | :---: | :---: |
| 1/8-21/2" | 10-76 | 3.8 | 70713 |
| Spare jaw |  | 0.7 | 70734 |
| Spare chain |  | 0.5 | 70731 |
| 1/8-4" | 10-114 | 6.2 | 70714 |
| Spare jaw |  | 0.8 | 70721 |
| Spare chain |  | 0.6 | 70732 |
| 1/8-6" | 10-165 | 9.3 | 70715 |
| Spare jaw |  | 0.9 | 70722 |
| Spare chain |  | 1.3 | 70733 |

## Pipe Vice

Foldable, with automatic closing hook, upper jaw and lower support jaw milled and hardened. Powerful smooth-running spindle.
Durable epoxy-powder coated
Reliable hold: Pipe support and movable upper jaw


| For pipes / inch | for pipes / mm | $\Delta_{\mathrm{kg}}{ }^{2}$ | No. |
| :---: | :---: | :---: | :---: |
| 1/8-2" | 10-60 | 3.7 | 70710 |
| Spare jaws (contains 3 pcs.) |  | 0.2 | 70670 |
| 1/8-3" | 10-89 | 7.9 | 70712 |
| Spare jaws (contains 3 pcs.) |  | 0.2 | 70672 |
| 1/8-4" | 10-114 | 11.7 | 70711 |
| Spare jaws (contains 3 pcs.) |  | 0.2 | 70671 |

## ROBOY ${ }^{\circledR}$ Clamping Workbench

For on-site repair and service work

- Portable, handy and practical workbench with the smallest dimensions
- Mountable on door frames or walls: Prevents floor damage and saves space
- Pressure plate is coated with rubber to protect against damage
- Spindle with trapezoidal thread for quick adjustment
- With height-adjustable support pipe for additional stability


Parallel Vice (No. 70705X) and rotatable table not included

| Model | Dimensions /mm | $\widehat{\Delta_{k g}} \quad$ | No. |
| :--- | :---: | :---: | ---: |
| ROBOY $^{\circledR}$ | $650 \times 400$ | 14.9 | 70700 |

## Tripod Uni Workbench

with / without integrated chain vice

- Collapsible, extremely stable frame
- Attachment of various tools is possible
- Screw fixture for $1^{\prime \prime}$ pipe to enable overhead support of the unit without integrated chain vice
- Bending of pipes $\varnothing 3 / 8^{\prime \prime}-1 / 2^{\prime \prime}-3 / 4^{\prime \prime}$ without integrated chain vice
- Bending of pipes $\varnothing 3 / 8^{\prime \prime}-1 / 2^{\prime \prime}-3 / 4^{\prime \prime}$
- Universal vice attachments applicable for pipe vice (No. 70710) and chain pipe vices (No. 70713, 70714, 70715)


## Working Unit

with pipe vice 1/8-2"

- Collapsible, stable, non-slip frame,
- with folding pipe vice, bending holes and large tool tray

| Description | $\boxed{\Delta_{\mathrm{kg}}}$ | No. |
| :--- | :---: | ---: |
| Tripod universal workbench with chain vice | 16.0 | $\mathbf{7 0 7 5 2}$ |
| Tripod universal workbench without chain vice | 15.3 | 70751 |
| Tool $1 / 8^{\prime \prime}-2^{\prime \prime}$ | 21.0 | $\mathbf{7 0 7 4 0}$ |

## Telescopic Workbench

- Stable, collapsible steel tube frame with the smallest dimensions
- Portable, handy and practical
- With tough beech wood plate for an optimal work surface Steel edges all around: ideal for vice machining
- Individually removable supporting legs for working steps with ease


| Model | Size mm | $\Delta_{\mathrm{kg}}{ }^{\text {a }}$ | No. |
| :---: | :---: | :---: | :---: |
| Telescopic workbench | $700 \times 450 \times 30$ | 17.4 | 070699X |



## Universal Workbench

- Stable and tough, easy to transport: collapsible tubular frame
- Optimum work surface: work plate made of processed beech wood
- Model "Pipe-fitter" Steel edges all around: ideal for vice machining


| Model | Size mm | $\widehat{\mathrm{kg}_{\mathrm{kg}}}$ | No. |
| :--- | :---: | :---: | ---: |
| Installer | $1200 \times 550 \times 835$ | 30 |  |
| Pipe-fitter | $1000 \times 700 \times 835$ | 32 | 70696 |
| Pipe-fitter | $1200 \times 750 \times 835$ | 38 | $\mathbf{7 0 6 9 8}$ |

## General Aids \& Tool Bags

## Hemp Dispenser with Roll / Teflon Sealing Tape

|  |  |  |
| :--- | ---: | ---: |
| No. 70623 |  | No. 855360 |
| Model |  | No. |
| Roll $40 \mathrm{~g} \mathrm{/} 40 \mathrm{~m}$ | 1 | $\mathbf{8 5 5 3 6}$ |
| 12 m on plastic bobbin | 1 |  |

## All-purpose Marker

Writes on tile and glass


## Tool Bag "Installer"

- With practical outside pockets for quick access
- With carrying handle and adjustable shoulder strap for comfortable transport


Volume: approx. 201

| Model | No. |  |
| :--- | :---: | ---: |
| Plumbers Tool Bag $(460 \times 260 \times 260)$ | 1 | 402310 |

## Tool Bag "Heavy Duty"

- Especially stable with the stable plastic bottom
- With carrying handle and adjustable shoulder strap for comfortable transport


Volume big: approx. 30 I

Volume small: approx. 20 I

| Model | No. |  |
| :--- | :--- | ---: |
| Tool bag "Heavy Duty" big $(620 \times 250 \times 350 \mathrm{~mm})$ | 1 | 402317 |
| Tool bag "Heavy Duty" small $(410 \times 230 \times 300 \mathrm{~mm})$ | 1 | 402316 |

## Tool Bags <br> Tool Bag "Trendy" <br> - Lots of storage room for all your tools <br> - Keeps things organized, thanks to the many compartments

## Tool Bags Toolbox "Trendy"

Quick access to tools with the open bag

- Reinforced side walls provide stability
- Carrying comfort with the sturdy carrying handle and adjustable shoulder strap

Tool Bags
Shoulder Toolbox "Trendy"

- Very light, handy bag for the most important tools
- Small pockets on the side keep things in view


Volume: approx 8 I

| Model |  | No. |
| :--- | :---: | :---: | ---: |
| Tool bag "Trendy" $(380 \times 300 \times 370 \mathrm{~mm})$ | 1 | 402311 |
| Tool bag "Trendy" $(230 \times 230 \times 210 \mathrm{~mm})$ | 1 | 402309 |


| Model | No. |  |
| :--- | :---: | :---: |
| Shoulder toolbox "Trendy" $(250 \times 220 \times 140 \mathrm{~mm})$ | 1 | 402308 |

## Service Case 40 parts

High-quality hard protective service case with all round edge protection, solid and hardened aluminium frame and ergonomic handle

2 tool boards with 4 sides for adding tools
1 bottom case for modular arrangement
1 document case in cover
Dimension: $470 \times 200 \times 360 \mathrm{~mm}$


Set (No. 1000000420) includes: TUBE CUTTER 35 DURAMAG (6-35 mm), Telescopic Basin Nut Wrench (10-32 mm), Saw Bow ROBO Super (SW 300), 10x Hand saw blade BI-METAL HSSE 4 Plus ( 300 mm ), corner pipe wrench Super " $\mathrm{S}^{\prime \prime}$ (1.1/2"), Wapu SP (10"), Express Spanner (M10, with $17 \times 19$ ), Screwdriver Set EUROLINE ( $2 \times$ PH, $4 \times$ Slot), aluminium spirit level ( 400 mm ), carpenter pencil (graphite, 240 mm ), Cutter Knife, Hammer with hickory wooden handle ( 300 g ), Electrician Chisel, flat ( $250 \times 8 \mathrm{~mm}$, square), Double-end Box Wrench (6-32 mm, 12 pcs.), Service Case

| Model | $\square$ | No. |
| :--- | ---: | ---: |
| Service Case, 40 piece | 1 | 1000000420 |

## Service Case 67 parts

High-quality hard protective service case with all round edge protection, solid and hardened aluminium frame and ergonomic handle

2 tool boards with 4 sides for adding tools

- 1 bottom case for modular arrangement
- 1 document case in cover

Dimension: $470 \times 200 \times 360 \mathrm{~mm}$

Tested in continuous operation up to 25 kg


Set (No. 1000000430) includes: Bricklayer's Chisel, Hole Punch ( 32 mm ), One-handed Pipe Wrench STILLSON (14"), corner pipe wrench Super "S" (1"), Adjustable Wrench ( $6^{\prime \prime}$, with up to 29 mm ), Ratchet Spanner open (ROCKLICK, 13 mm and 17 mm ), ROGRIP "S" (7", 10"), ROCUT TC (6-42 mm), carpenter pencil (graphite, 240 mm ), wooden ruler ( 2 m ), Cutter Knife, measuring tape ROMATIC ( 3 m ), aluminium spirit level ( 400 mm ), Screwdriver Set EUROLINE ( $2 \times$ PH, $4 \times$ Slot), Basin Nut Wrench (3/8$1^{\prime \prime}$ ), Express Spanner (M10, with $17 \times 19$ ), MINICUT I Pro ( $3-16 \mathrm{~mm}$ ), TUBE CUTTER 35 DURAMAG ( $6-35 \mathrm{~mm}$ ), Saw Bow ROBO Super (SW 300), 10x Hand saw blade BI-METAL HSSE 4 Plus $(300 \mathrm{~mm})$, Hammer with hickory wooden handle $(300 \mathrm{~g})$, Ratchet 1/2", R/L, Uni small saw, PUK, adjustable, with blade ( $190 / 310 \mathrm{~mm}$ ), 12x Saw Blade for PUK saw (metal, $150 \mathrm{~mm} / 32 \mathrm{pp}$ ), Allen Key Set, fold-up ( $7 \mathrm{pcs} ., 2.5-10 \mathrm{~mm}$ ), PLASTICUT ( 50 mm ), Basin Nut Wrench (10-32 mm), Tap Extension Key with 12 x 17, Combination Pliers ( 180 mm ), scraper ( 40 mm ), Edge Cutter ( 160 mm ), Combination Spanner Set (8-22, 8 pcs.), Service Case

| Model | $\square$ | No. |
| :--- | :---: | :---: |
| Service Case, 67 piece | 1 | 1000000430 |

## Apprentice Set

Tough installation toolbox completely equipped with all the tools the craftsman needs

- Extensive and practical tool assortment
- Case made of galvanized steel
- Dimension: $530 \times 200 \times 200 \mathrm{~mm}$

Set (No. 19166) includes: Water pump wrench type "SP" 10", corner pipe wrench Super "S" (1"), ALU-spirit level, anodized. ( 500 mm ), hacksaw frame ( 300 mm ), $10 \times$ HSSE 4 PLUS saw blades, fitter's hammer ( 300 g ), lump hammer ( 1250 g ), PUK-hacksaw ( 290 mm ) + 12 x saw blades, basin nut wrench, stone chisel ( $300 \times 16 \mathrm{~mm}$ ) flat, express spanner, UNI-stepped key + ratchet, EUROLINE screwdriver set (Phillips), chassis punch ( 32 mm round), Allen key set, 7 -piece, wooden ruler ( 2 m ), carpenter pencil, TUBE CUTTER 35 ( $6-35 \mathrm{~mm}$ ), MINICUT I PRO ( 3 -16 mm), extension key, corner pipe wrench Super "S" (1.1/2"), cutter knife, ROGRIP F (10"), Sanitary Four Way Key, installer toolbox

| Model | $\square$ | No. |
| :--- | :---: | ---: |
| Apprentice set, 50 piece | 1 | 19166 |
| Installer toolbox | 1 | 402312 |



