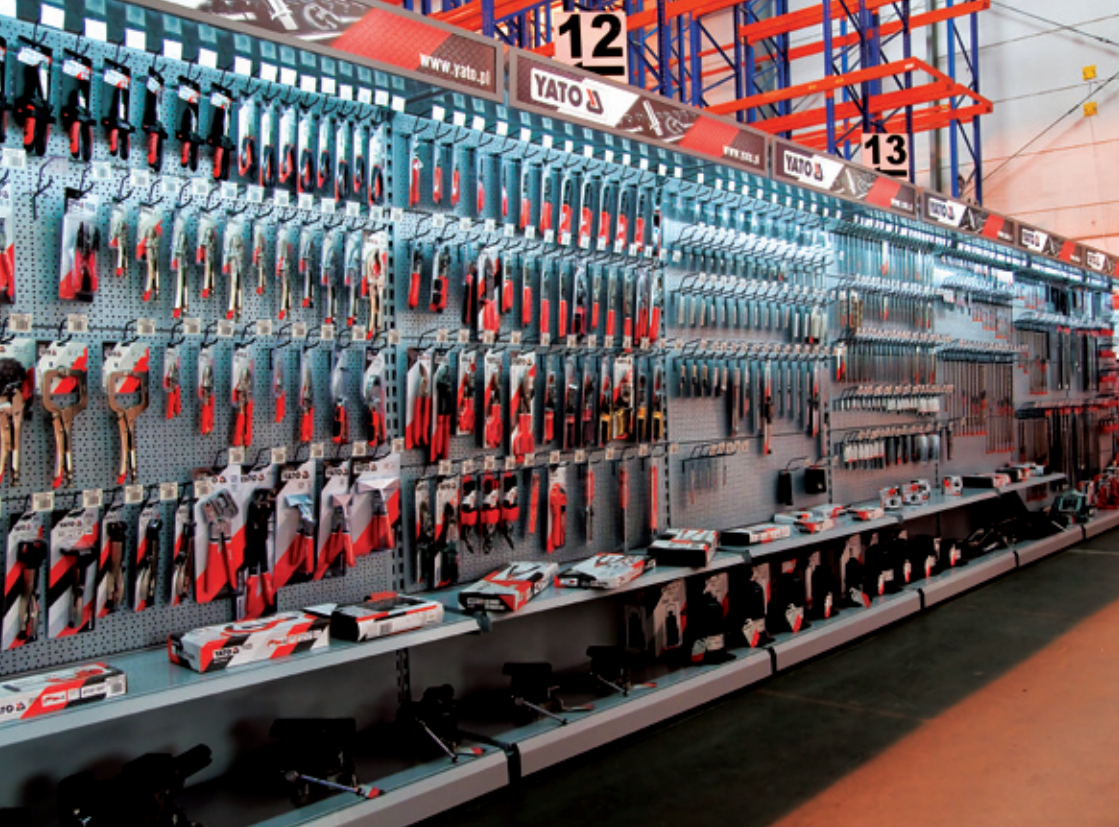


# HYDRAULIC PROGRAM





## **TOYA S.A.**

- 25 years of tradition
- since 2011 the Company listed on stock exchange
- foreign companies: TOYA Romania and YATO China
- logistics centre near Warsaw
- 22 000 m<sup>2</sup> of storage area and 42,000 pallet places
- co-operation with several hundreds suppliers
- product portfolio with 10,000 items
- wide range of brands
- stable financial situation
- reliability of supplies


## **BRANDS OFFERED BY TOYA SA**

**YATO**  - professional quality tools

**VOREL**  - price and quality ratio - popular brand in DIY chains

**POWERUP**  - electric tools for advanced

**STHOR**  - electric tools for wide range of use - popular brand in DIY chains

**LUND**  - electric tools - wide range and attractive price

**FALA**  - bathroom fittings and accessories

# HYDRAULIC PROGRAM

## HYDRAULIC PROGRAM BY TOYA

- about 300 items
- solutions both for professionals and home users
- group of specialist and basic tools in hydraulics

### HYDRAULIC PLIERS

2-3



### GAS SOLDER-HEATERS

16-19



### PIPE KEYS

4-6



### SOLDERING LAMPS

20



### PIPE CUTTERS

7-9



### GAS BURNERS

21



### PIPE DIES

10-11



### PIPE WELDERS

22



### PRESSES FOR PIPE BELLING

12



### ACCESSORIES FOR PIPE CLEANING

23



### CLAMP VICES FOR PIPES

13



### PIPE JOINING

24



### TUBE BENDING MACHINES

14



### PIPE UNCLOGGING

25



### GAS BURNERS

15



### WATER CONNECTION HOSES

26-27



# HYDRAULIC PLIERS

## ADJUSTMENT PLIERS



|             |        |
|-------------|--------|
| <b>YATO</b> | L (mm) |
| YT-2069     | 250    |



|             |        |
|-------------|--------|
| <b>YATO</b> | L (mm) |
| YT-2070     | 250    |



|             |        |
|-------------|--------|
| <b>YATO</b> | L (mm) |
| YT-20911    | 250    |



|             |        |
|-------------|--------|
| <b>YATO</b> | L (mm) |
| YT-2090     | 250    |
| YT-2091     | 300    |



|              |        |
|--------------|--------|
| <b>VOREL</b> | L (mm) |
| 40057        | 250    |

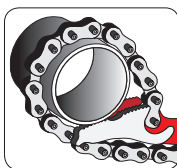


|              |        |
|--------------|--------|
| <b>VOREL</b> | L (mm) |
| 41510        | 250    |



|              |        |
|--------------|--------|
| <b>VOREL</b> | L (mm) |
| 41500        | 250    |

## CHAIN KEYS FOR PIPES



- chain length 400 mm
- inductively hardened teeth

## MONKEY WRENCH



|             |        |                       |
|-------------|--------|-----------------------|
| <b>YATO</b> | L (mm) | maximum pipe diameter |
| YT-22260    | 300    | 4" (100 mm)           |



|              |        |                       |
|--------------|--------|-----------------------|
| <b>VOREL</b> | L (mm) | maximum pipe diameter |
| 55792        | 300    | 4" (100 mm)           |



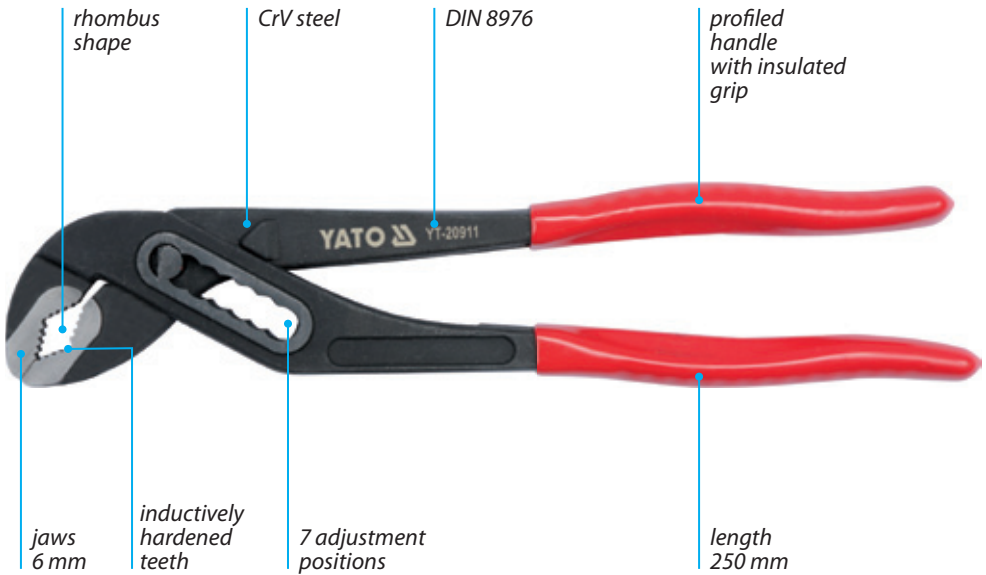
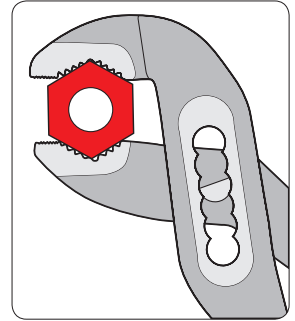
|              |     |
|--------------|-----|
| <b>VOREL</b> | KNF |
| 54499        | 45  |
| 54500        | 55  |
| 54510        | 65  |

# HYDRAULIC PLIERS

## **YATO** **ADJUSTMENT** **YT-20911** **PLIERS** 10" / 250 mm

### USE

- for pipes
- for quadrangular and hexagonal pipe joints



# PIPE KEYS

## SWEDISH TYPE PIPE KEYS



90°

- material: CrV 6140
- standard DIN 5234
- powder painting

| YATO    | max. pipe diameter |
|---------|--------------------|
| YT-2210 | 1" (25 mm)         |
| YT-2211 | 1.5" (38 mm)       |
| YT-2212 | 2" (50 mm)         |



45°

| YATO    | max. pipe diameter |
|---------|--------------------|
| YT-2213 | 1" (25 mm)         |
| YT-2214 | 1.5" (38 mm)       |
| YT-2215 | 2" (50 mm)         |



S

| YATO    | max. pipe diameter |
|---------|--------------------|
| YT-2216 | 1" (25 mm)         |
| YT-2217 | 1.5" (38 mm)       |
| YT-2218 | 2" (50 mm)         |



90°

- economic, lighter versions
- material: carbon steel
- standard DIN 5234
- powder painting

| VOREL | max. pipe diameter |
|-------|--------------------|
| 55215 | 1" (25 mm)         |
| 55216 | 1.5" (45 mm)       |
| 55217 | 2" (50 mm)         |



45°

| VOREL | max. pipe diameter |
|-------|--------------------|
| 55210 | 1" (25 mm)         |
| 55211 | 1.5" (45 mm)       |
| 55212 | 2" (50 mm)         |



S

| VOREL | max. pipe diameter |
|-------|--------------------|
| 55220 | 1" (25 mm)         |
| 55221 | 1.5" (45 mm)       |
| 55222 | 2" (50 mm)         |



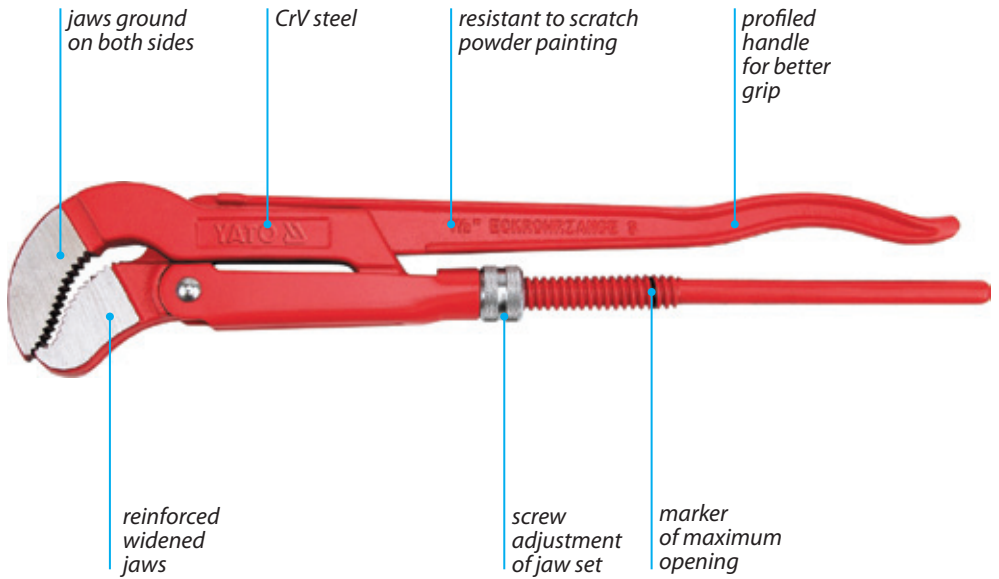
45°

|       | max. pipe diameter |
|-------|--------------------|
| 55100 | 1" (25 mm)         |
| 55150 | 1.5" (45 mm)       |
| 55200 | 2" (50 mm)         |

**YATO**  **SWEDISH TYPE**  
**YT-2216 PIPE KEY**  
**1"(25 mm)**

**USE**

- for pipes
- for quadrangular and hexagonal pipe joints



# PIPE KEYS

## HEAVY DUTY HYDRAULIC KEYS

- body made of spheroidal cast iron HRC 40-49
- CrMo jaws HRC 55-60
- powder painting



| YATO    | size          | max. pipe diameter |
|---------|---------------|--------------------|
| YT-2488 | 10" (250 mm)  | 1" (25 mm)         |
| YT-2489 | 12" (300 mm)  | 1.5" (38 mm)       |
| YT-2490 | 14" (350 mm)  | 2" (50 mm)         |
| YT-2491 | 18" (450 mm)  | 2.5" (63 mm)       |
| YT-2492 | 24" (600 mm)  | 3" (75 mm)         |
| YT-2493 | 36" (900 mm)  | 5" (125 mm)        |
| YT-2494 | 48" (1200 mm) | 6" (150 mm)        |

- aluminium body
- CrMo jaws HRC 55-60



| YATO    | size         | max. pipe diameter |
|---------|--------------|--------------------|
| YT-2482 | 14" (350 mm) | 2" (50 mm)         |
| YT-2483 | 18" (450 mm) | 2.5" (63 mm)       |
| YT-2484 | 24" (600 mm) | 3" (75 mm)         |
| YT-2485 | 36" (900 mm) | 5" (125 mm)        |

- aluminium body
- jaws made of carbon steel HRC 55-60
- proszkowe malowanie



| YATO    | size         | max. pipe diameter |
|---------|--------------|--------------------|
| YT-2222 | 12" (300 mm) | 1" (25 mm)         |
| YT-2223 | 14" (350 mm) | 1.5" (38 mm)       |
| YT-2224 | 18" (450 mm) | 2" (50 mm)         |
| YT-2225 | 24" (600 mm) | 2.5" (63 mm)       |

- off-set type
- body made of malleable cast iron
- jaws made of carbon steel HRC 55-60
- PCW handle



| YATO    | size         | max. pipe diameter |
|---------|--------------|--------------------|
| YT-2201 | 10" (250 mm) | 1" (25 mm)         |
| YT-2203 | 14" (350 mm) | 1.5" (38 mm)       |
| YT-2204 | 18" (450 mm) | 2" (50 mm)         |
| YT-2205 | 24" (600 mm) | 2.5" (63 mm)       |
| YT-2206 | 36" (900 mm) | 4" (100 mm)        |

- powder painting
- PCW handle



| VOREL | size         |
|-------|--------------|
| 55620 | 8" (200 mm)  |
| 55625 | 10" (250 mm) |
| 55630 | 12" (300 mm) |
| 55635 | 14" (350 mm) |
| 55645 | 18" (450 mm) |
| 55660 | 24" (600 mm) |
| 55690 | 36" (900 mm) |



|       | size         |
|-------|--------------|
| 55250 | 10" (250 mm) |
| 55300 | 12" (300 mm) |
| 55350 | 14" (350 mm) |
| 55450 | 18" (450 mm) |
| 55600 | 24" (600 mm) |



## OBCINAKI DO RUR PCV / PP / PU / PE



- body made of aluminium alloy
- blade made of steel 8Cr13 with hardness of HRC 54

|             |             |
|-------------|-------------|
| <b>YATO</b> | max. Ø (mm) |
| YT-2230     | 35          |



- body made of aluminium alloy
- blade made of steel 8Cr13 with hardness of HRC 54
- locking pawl and quick release system

|             |             |
|-------------|-------------|
| <b>YATO</b> | max. Ø (mm) |
| YT-2231     | 42          |



- blade made of steel 8Cr13 with hardness of HRC 54
- locking pawl and quick release system

|             |             |
|-------------|-------------|
| <b>YATO</b> | max. Ø (mm) |
| YT-22312    | 63          |



- body made of aluminium alloy
- blade made of steel 8Cr13 with hardness of HRC 54
- locking pawl and quick release system

|             |             |
|-------------|-------------|
| <b>YATO</b> | max. Ø (mm) |
| YT-2228     | 51          |



- body made of aluminium alloy
- blade made of steel 8Cr13 with hardness of HRC 54
- locking pawl and quick release system

|             |             |
|-------------|-------------|
| <b>YATO</b> | max. Ø (mm) |
| YT-2229     | 64          |



- body made of aluminium alloy
- blade made of steel 8Cr13 with hardness of HRC 54
- locking pawl and quick release system

|              |             |
|--------------|-------------|
| <b>VOREL</b> | max. Ø (mm) |
| 78341        | 42          |



- for Cu and PCV pipes
- 4 guiding rolls
- causes no deformation to pipes

|              |             |
|--------------|-------------|
| <b>VOREL</b> | max. Ø (mm) |
| 78319        | 15          |

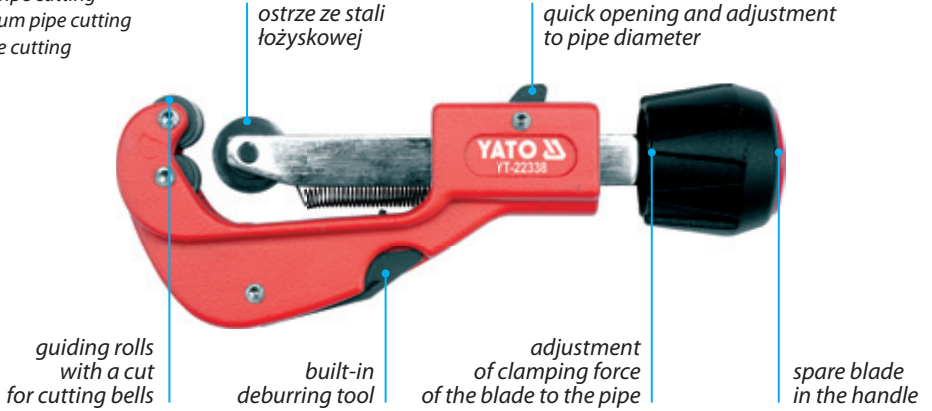
# PIPE CUTTERS

## YATO **CUTTER FOR METAL AND COPPER PIPES** **YT-22338** Ø 1/10"-5/4" (3-32 mm)



### USE

- copper pipe cutting
- aluminium pipe cutting
- PVC pipe cutting



## CUTTERS FORMETAL AND COPPER PIPES


- small size
- blade made of bearing steel
- 2 guiding rolls




- fast-adjustment
- aluminium alloy body
- deburring tool

- blade made of bearing steel
- spare blade
- 2 guiding rolls




| YATO  | Ø                    |
|--|----------------------|
| YT-22318   | 1/10"-7/8" (3-22 mm) |

- hardened steel body
- blade made of bearing steel
- 2 guiding rolls


| YATO  | Ø                    |
|--|----------------------|
| YT-22338   | 1/10"-5/4" (3-32 mm) |

- aluminium alloy body
- blade made of bearing steel
- deburring tool
- spare blade
- 2 guiding rolls



| YATO  | Ø                      |
|--|------------------------|
| YT-2232  | 3/8"-1-5/8" (10-40 mm) |



| YATO  | Ø                   |
|--|---------------------|
| YT-2233  | 1/4"-7/4" (6-45 mm) |

# PIPE CUTTERS

## OBCINAKI DO RUR METALOWYCH I MIEDZIANYCH

- fast-adjustment
- aluminium alloy body
- blade made of bearing steel

- spare blade
- 4 guiding rolls

- fast-adjustment
- aluminium alloy body

- blade made of bearing steel
- 4 guiding rolls



|             |                      |
|-------------|----------------------|
| <b>YATO</b> | Ø                    |
| YT-2234     | 1/2"-5/2" (14-63 mm) |

|             |                   |
|-------------|-------------------|
| <b>YATO</b> | Ø                 |
| YT-2235     | 2"-5" (50-127 mm) |

- aluminium alloy body
- deburring tool
- spare blade

- aluminium alloy body
- deburring tool
- spare blade



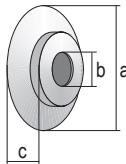
|              |                      |
|--------------|----------------------|
| <b>VOREL</b> | Ø                    |
| 78381        | 1/10"-5/4" (3-32 mm) |

|              |                     |
|--------------|---------------------|
| <b>VOREL</b> | Ø                   |
| 78383        | 1/4"-7/4" (6-45 mm) |

|       |          |
|-------|----------|
|       | Ø        |
| 78320 | 10-60 mm |

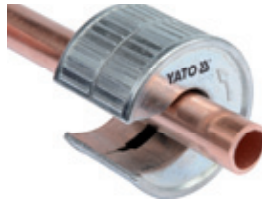
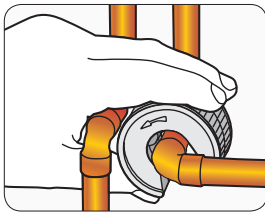
## SPARE WHEELS FOR PIPE CUTTERS

- blade made of bearing steel



| YATO     | a (mm) | b (mm) | c (mm) | for:     | PCS |
|----------|--------|--------|--------|----------|-----|
| YT-22313 | 18     | 6      | 4.8    | YT-2233  | 2   |
| YT-22314 | 26     | 14     | 7.5    | YT-2232  | 2   |
| YT-22315 | 18     | 6      | 4.8    | YT-22338 | 2   |
| YT-22316 | 27     | 6.3    | 5      | YT-2234  | 2   |
| YT-22317 | 44     | 10.6   | 8      | YT-2235  | 1   |

## PIPE CUTTER



- self-clamping and self-fitting blade
- 2 guiding rolls
- causes no pipe deformation

| YATO     | Ø              | external diameter (mm) |
|----------|----------------|------------------------|
| YT-22353 | 19/32" (15 mm) | 48                     |
| YT-22354 | 23/32" (18 mm) | 59                     |
| YT-22355 | 7/8" (22 mm)   | 56                     |

## DEBURRING TOOL



- rotary and fast-replacement blade HSS
- aluminium body
- pocket catch

|             |
|-------------|
| <b>YATO</b> |
| YT-22360    |

## SPARE BLADES FOR DEBURRING TOOL

- compatible with YT-22360
- 10 pieces
- material: HSS



|             |
|-------------|
| <b>YATO</b> |
| YT-22361    |

# PIPE DIES

## YATO PIPE DIES SET

**YT-29001** 3/8" (10 mm); 1/2" (12,5 mm);  
3/4" (19 mm); 1" (25 mm)

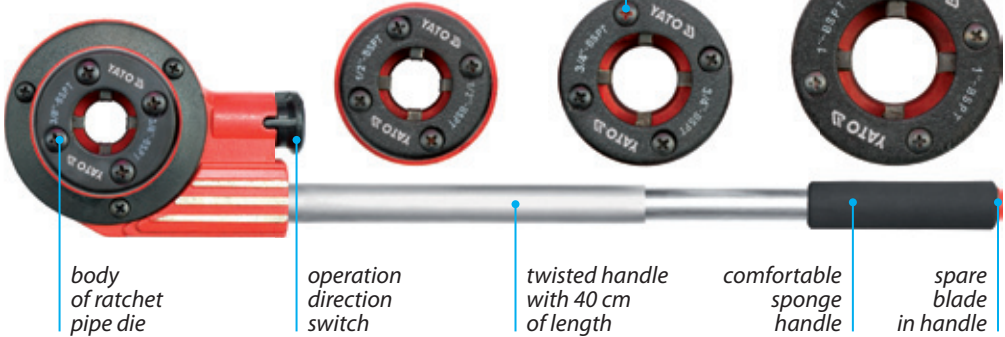
### USE

- for fine threaded joints when doing installation and assembly work



comfortable suitcase with place for spare heads

set of 4 replaceable heads made of 9Cr2 steel in popular sizes



body of ratchet pipe die

operation direction switch


twisted handle with 40 cm of length

comfortable sponge handle


spare blade in handle

## PIPE DIES SETS

- 4 replaceable heads
- 9Cr2 material
- ratchet system
- operation direction switch

| YATO  | size  |
|--|---|
| YT-29001   | 3/8" (10.0 mm); 1/2" (12.5 mm);<br>3/4" (19.0 mm); 1" (25.0 mm) |

- 6 replaceable heads
- 9Cr2 material
- ratchet system
- operation direction switch

| YATO  | size   |
|--|--|
| YT-2900  | 1/4" (6.3 mm); 3/8" (10.0 mm); 1/2" (12.5 mm);<br>3/4" (19.0 mm); 1" (25.0 mm); 5/4" (32.0 mm) |

## SPARE HEAD FOR PIPE DIE



- 9Cr2 material
- for YT-29001 and YT-2900

| YATO    | size           |
|---------|----------------|
| YT-2916 | 1/4" (6.3 mm)  |
| YT-2917 | 3/8" (10.0 mm) |
| YT-2918 | 1/2" (12.5 mm) |
| YT-2919 | 3/4" (19.0 mm) |
| YT-2920 | 1" (25.0 mm)   |
| YT-2921 | 5/4" (32.0 mm) |

## SPARE KNIVES FOR PIPE DIE



- material 9Cr2

| YATO    | size           | for:    |
|---------|----------------|---------|
| YT-2912 | 1/2" (12.5 mm) | YT-2918 |
| YT-2913 | 3/4" (19.0 mm) | YT-2919 |
| YT-2914 | 1" (25.0 mm)   | YT-2920 |

## PIPE DIES SETS



| VOREL | size                           |
|-------|--------------------------------|
| 55830 | 1-1/2" (38.0 mm); 2" (50.0 mm) |



| VOREL | size  |
|-------|---|
| 55820 | 3/8" (10.0 mm); 1/2" (12.5 mm);<br>3/4" (19.0 mm); 1" (25.0 mm); 5/4" (32.0 mm) |

## VOREL HYDRAULIC TOOL SET

**55800** 1/4" (6.3 mm); 3/8" (10 mm); 1/2" (12.5 mm);  
3/4" (19 mm); 1" (25 mm); 5/4" (32.0 mm)

### USE

- for fine threaded joints when doing installation and assembly work

### EQUIPMENT

- hydraulic pliers 250 mm
- 1" (25 mm) pipe key
- pipe cutter
- 62 teflon tape

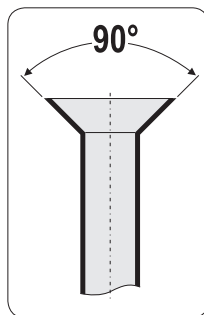


# PRESSES FOR PIPE BELLING

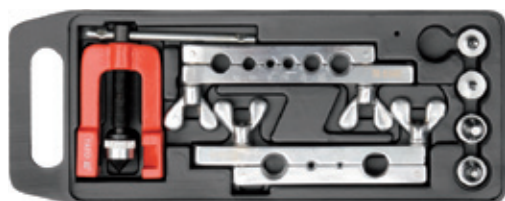
## PRESSES FOR MANUAL PIPE BELLING


### USE

- construction, hydraulic service
- heating systems, air conditioning, brake systems
- for manual widening of ends of pipes made of steel, colour metals, aluminium and plastics
- for conal joint flanges with angle up to 90°
- work precision with precise clamp



| YATO  | Ø (mm)     |
|--|------------|
| YT-2182  | 22; 25; 28 |



| YATO  | Ø (mm)                             |
|--|------------------------------------|
| YT-2180  | 3; 5; 6; 8; 10; 12; 14; 15; 16; 19 |

# CLAMP VICES FOR PIPES

## CLAMP VICES FOR PIPES



### USE

- hydraulic work
- made of top quality malleable cast iron
- sure grip with jaws made of S55C steel
- clamping of pipes with high force
- powder painting

| YATO    | Ø (mm) |
|---------|--------|
| YT-6510 | 60     |
| YT-6511 | 76     |
| YT-6512 | 90     |
| YT-6513 | 110    |

### USE

- hydraulic work
- varnished cast iron body
- jaws made of hardened steel
- clamping of pipes with high force

| VOREL | Ø (mm) |
|-------|--------|
| 36570 | 13-50  |

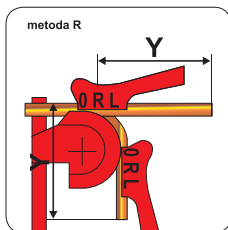
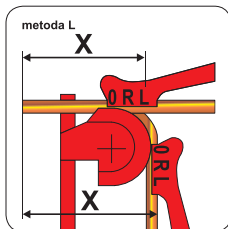
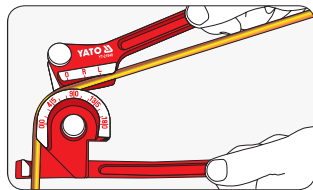
# TUBE BENDING MACHINES

## YATO 3 IN 1 TUBE BENDING MACHINE

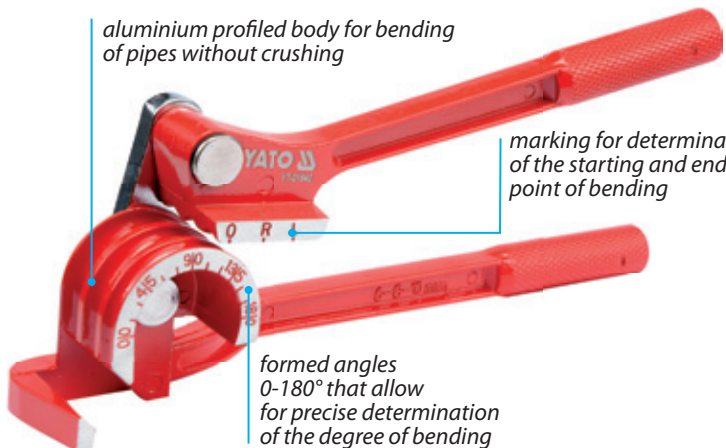
YT-21840 1/4" (6 mm); 5/16" (8 mm); 3/8" (10 mm)

### USE

- for bending of pipes made of soft copper, soft steel, brass, aluminium
- hydraulics
- braking systems, gas/oil, air conditioning/cooling



aluminium profiled body for bending of pipes without crushing



marking for determination of the starting and ending point of bending

formed angles 0-180° that allow for precise determination of the degree of bending

## YATO MANUAL TUBE BENDING MACHINES

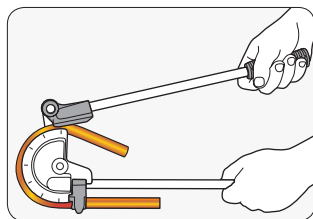
YT-21842  $\varnothing$  12 mm YT-21845  $\varnothing$  16 mm

YT-21843  $\varnothing$  14 mm YT-21846  $\varnothing$  18 mm

YT-21844  $\varnothing$  15 mm

### USE

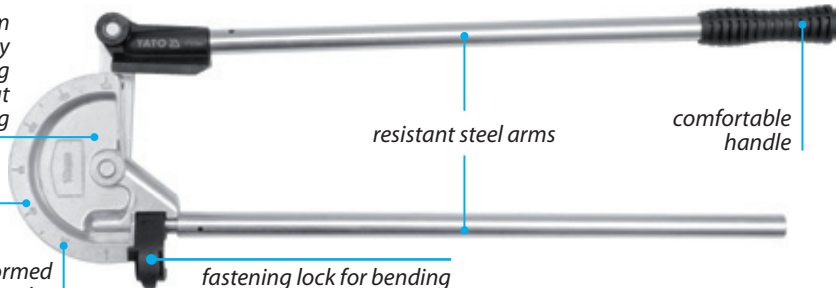
- for bending of pipes made of soft copper, soft steel, brass, aluminium
- hydraulics
- braking systems, gas/oil, air conditioning/cooling



aluminium profiled body for bending of pipes without crushing

180°

formed protractor for precise determination of the degree of bending



resistant steel arms

comfortable handle

fastening lock for bending of short sections



## PALNIKI GAZOWE

### USE

- in construction, hydraulic repair, mechanical repair, household
- for heating various metal elements, unscrewing fastened screw
- for installation of tightly-fitted parts of machines and equipment
- burning of wooden and painted elements, rust and paint removal
- heating, defrosting, drying, contraction of heat-shrinkable materials, heat bending and forming
- heat welding and gluing
- jewellery work, handicraft and model-making
- household use, such as burning of chimneys, grills and furnaces and also in gastronomy (e.g. crème brûlée)



- operation time: 60-90 minutes
- capacity 30 ml
- operation temperature up to 1300°C
- fed with propane butane gas
- flame adjustment
- piezo ignition
- aluminium anti-slide body
- child protection



- operation time: about 200 minutes
- capacity 60 ml
- operation temperature up to 1300°C
- fed with propane butane gas
- piezo ignition
- aluminium body
- heat-insulation coating

**YATO**

YT-36700

**YATO**

YT-6700

# GAS SOLDER-HEATERS

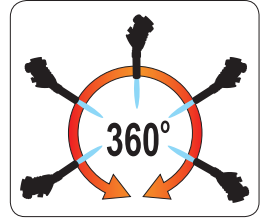
## **YATO** **GAS BURNER** **YT-36709 FOR PROFESSIONALS**

### USE

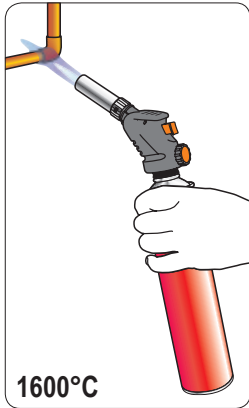
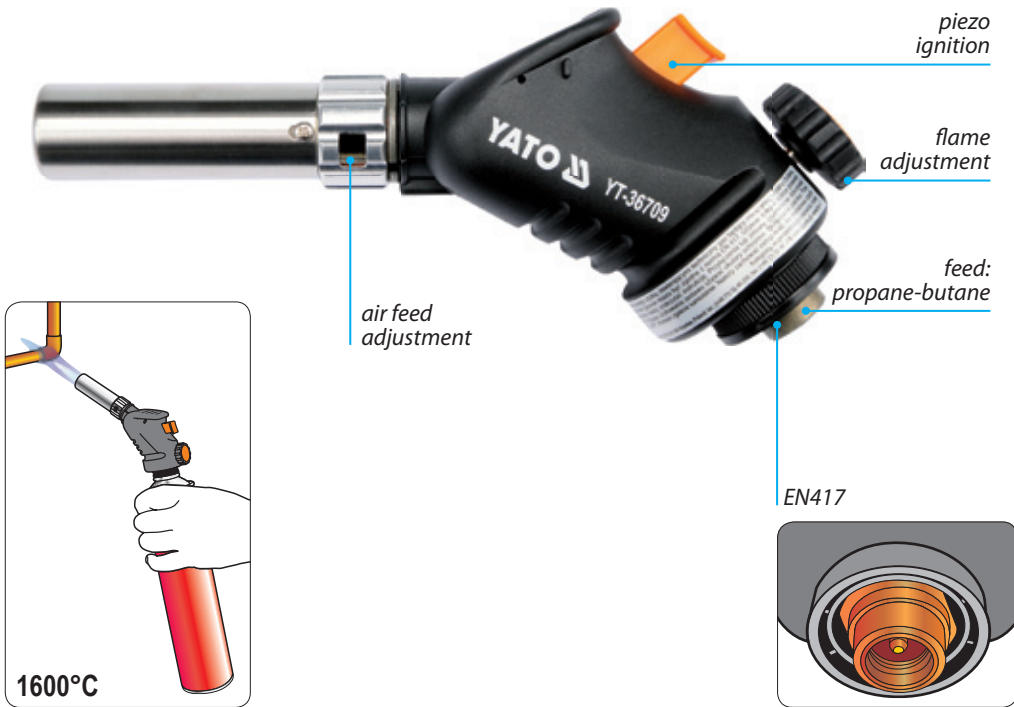
- for soft and hard soldering of copper pipes in central heating and water systems

### CHARACTERISTICS

- power: 1,28 kW
- gas intake: 110 g/h
- maximum operation temperature: 1600°C



operation  
in every position



# GAS SOLDER-HEATERS

## **YATO** **3 IN 1 GAS SOLDERING GUN** **YT-36706 WITH SET**

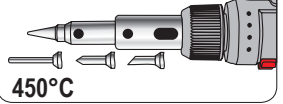
### USE

- tin soldering
- pirography - wood burning
- heat gun - for contraction of heat-shrinkable materials
- burner for Cu pipe soldering
- unscrewing of fastened screws
- welding
- defrosting
- bending and heat forming

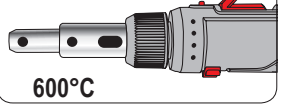
### CHARACTERISTICS

- power: 30-125 W
- operation time: 75 minut

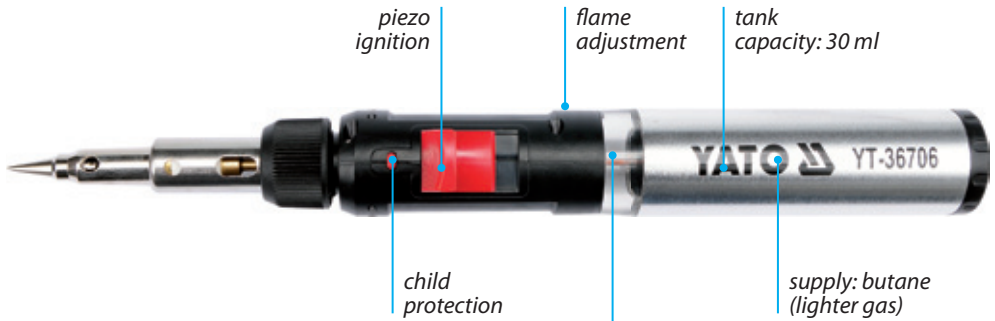
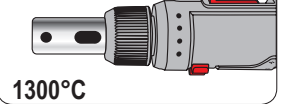
### SOLDERING GUN



### HEAT GUN

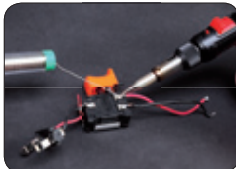
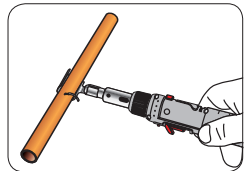
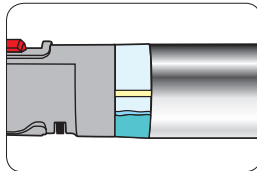


### BURNER



box with stand for soldering gun and tin

set of 7 pieces: tin, sponge, 5 different tips



# GAS SOLDER-HEATERS

## YATO 3 IN 1 GAS SOLDERING GUN

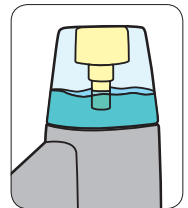
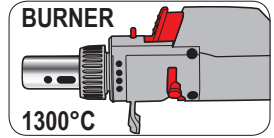
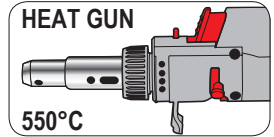
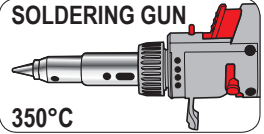
YT-36704

### USE

- tin soldering
- pyrography - wood burning
- heat gun - for contraction of heat-shrinkable materials
- burner for Cu pipe soldering
- unscrewing of fastened screws
- welding
- defrosting
- bending and heat forming

### CHARACTERISTICS

- power: 30-70 W
- operation time: 60 minutes



# GAS SOLDER-HEATERS

## GAS SOLDERING GUNS



- power: 25-80 W
- fed with propane butane gas 20 ml
- operation time: 120 minutes
- spark ignition, fluent power adjustment
- operation temperature: 210-400°C
- tip temperature: 1300°C
- tip guard included

| YATO  | W     |
|--|-------|
| YT-6705  | 25-80 |



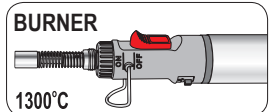
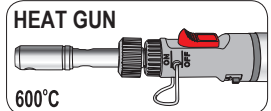
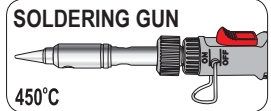
- power: 30-125 W
- fed with propane butane gas 38 ml
- operation time: 200 minutes
- piezo ignition
- operation temperature: 250-550°C
- tip temperature: 1300°C
- tip guard included

| YATO  | W      |
|--|--------|
| YT-6706  | 30-125 |

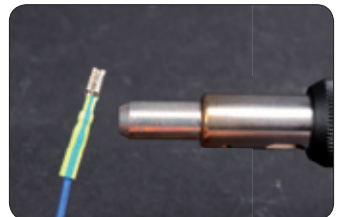
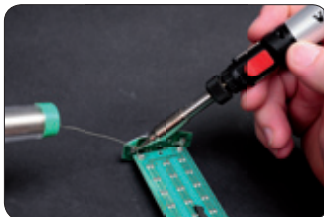
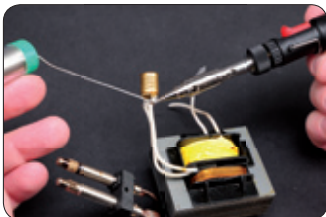
## 3 IN 1 GAS SOLDERING GUN



- power: 25-80 W
- fed with propane butane gas 15 ml
- operation time: 60 minut
- flame adjustment
- gas cut-off button
- foldable holder



| VOREL  | W     |
|---|-------|
| 73410   | 25-80 |



# SOLDERING LAMPS

## SOLDERING LAMPS



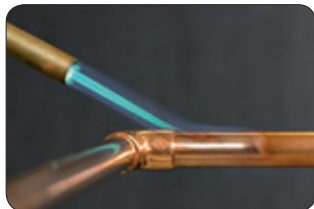
- feed: single-use cartridges  
propane butane 190 g (EN417-TYPE200)
- operation temperature 1200°C, power 1.7 kW
- mean gas consumption 123 g/h
- flame adjustment
- composite tank resistant to high temperature

| VOREL | kW  |
|-------|-----|
| 73400 | 1.7 |



- feed: single-use cartridges  
propane butane 190 g (EN417-TYPE200)
- operation temperature 1200°C, power 1.7 kW
- mean gas consumption 123 g/h
- flame adjustment
- metal tank
- piezo ignition

| VOREL | kW  |
|-------|-----|
| 73403 | 1.7 |



### USE

- soft and hard soldering
- repair, installation, tinkering
- screw loosening
- PCV pipe bending and forming
- plastic treatment
- paint burning
- wood flame cleaning
- galvanization
- defrosting
- grill burning
- weed removal

## GAS BURNER SETS

- gas consumption: 140 g/h
- 2 m hose with terminals
- 3 nozzles:
  - 17 mm point nozzle
  - 40 mm point nozzle
  - for 22 mm pipes



| VOREL | kW  | operation temperature | L (mm) |
|-------|-----|-----------------------|--------|
| 73325 | 2.0 | 800-1200°C            | 360    |

### USE

- soldering
- warming
- drying

- roofing work
- installation work (e.g. hydraulics)



- gas consumption: 2000 g/h
- 2 m hose with terminals
- 3 nozzles: 25, 35, 50 mm

| VOREL | kW   | operation temperature | L (mm) |
|-------|------|-----------------------|--------|
| 73340 | 19.5 | 1500-1800°C           | 360    |

## GAS BURNERS

### USE

- soldering
- warming
- drying

- roofing work
- installation work (e.g. hydraulics)



- 2 m hose with terminals
- 50 mm nozzle

| VOREL | kW | operation temperature | L (mm) |
|-------|----|-----------------------|--------|
| 73341 | 28 | 1500-1800°C           | 754    |



- 5 m hose with terminals
- 60 mm nozzle

| VOREL | kW | operation temperature | L (mm) |
|-------|----|-----------------------|--------|
| 73342 | 58 | 800-1200°C            | 1315   |



- 5 m hose with terminals
- 2 nozzles 60 mm

| VOREL | kW  | operation temperature | L (mm) |
|-------|-----|-----------------------|--------|
| 73343 | 110 | 1500-1800°C           | 1385   |



- 5 m hose with terminals
- 3 nozzles 50 mm

| VOREL | kW | operation temperature | L (mm) |
|-------|----|-----------------------|--------|
| 73344 | 90 | 1500-1800°C           | 1385   |

## SPARE NOZZLES FOR BURNERS

• point flame



| VOREL | mm |
|-------|----|
| 73330 | 17 |

• flat flame



| VOREL | mm |
|-------|----|
| 73331 | 40 |

• surrounding flame



| VOREL | mm |
|-------|----|
| 73332 | 22 |



| VOREL | Ø (mm) |
|-------|--------|
| 73350 | 25     |
| 73351 | 35     |
| 73352 | 50     |
| 73353 | 60     |

# PIPE WELDERS

## THERMO-PLASTIC PIPE WELDERS

### USE

- connections of pipes and fasteners made of thermoplastic materials
- fast and convenient operation when making water systems



- set with cutter for PVC pipes, rolled scale, screwdriver, allen key for adapter installation
- adapters for pipes Ø 20, 25, 32, 40, 50, 63 mm

| POWER UP | W        | maximum temperature |
|----------|----------|---------------------|
| 78910    | 700-1500 | 260°C               |



- set with cutter for PVC pipes, rolled scale, screwdriver, allen key for adapter installation
- adapters for pipes Ø 20, 25, 32, 40, 50, 63 mm

| STHOK | W        | maximum temperature |
|-------|----------|---------------------|
| 78912 | 700-1500 | 300°C               |



- allen key for adapter installation
- adapters for pipes Ø 16, 20, 25, 32, 40, 50, 63 mm

| YATO     | W   | maximum temperature |
|----------|-----|---------------------|
| YT-82250 | 850 | 300°C               |



- allen key for adapter installation
- adapters for pipes Ø 20, 25, 32, 40, 50, 63 mm

| LUND  | W   | maximum temperature |
|-------|-----|---------------------|
| 78911 | 800 | 260°C               |



# ACCESSORIES FOR PIPE CLEANING

## 2 IN 1 COPPER PIPE BRUSH

### USE

- cleaning pipes inside/outside and copper fittings
- stainless steel wire



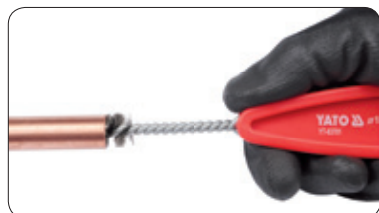
|             |        |
|-------------|--------|
| <b>YATO</b> | Ø (mm) |
| YT-63705    | 15; 22 |



## INTERNAL BRUSH FOR COPPER PIPES

### USE

- cleaning pipes inside/outside and copper fittings
- stainless steel wire

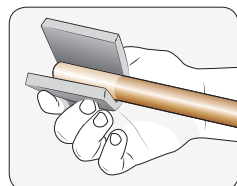


|             |        |
|-------------|--------|
| <b>YATO</b> | Ø (mm) |
| YT-63701    | 15     |
| YT-63702    | 18     |
| YT-63703    | 22     |
| YT-63704    | 28     |

## CLEANING PAD SET FOR COPPER PIPES

### USE

- 10 pieces in a set
- for use as wet and dry
- removes rust, oil and dirt
- contains no metal
- resistant to solvents
- can be washed



|             |           |
|-------------|-----------|
| <b>YATO</b> | size (mm) |
| YT-63740    | 130 x 75  |

# PIPE JOINING

## SEALING PASTE FOR THREADS

### USE

- for water, central heating and gas systems
- maintains threads
- for use with hemp
- will not become dry, hard, broken
- for use in temperature of 140°C and pressure of 20 bar
- can be well distributed on wet threads and hards



|       | tube contents in g |
|-------|--------------------|
| 86750 | 65                 |
| 86751 | 250                |
| 86752 | 360                |

## SLIP PASTE FOR PVC PIPES AND FITTINGS

### USE

- for easier installation of pipes and fittings made of PVC, concrete, stoneware and cast iron
- rubber gasket maintenance
- resistant to frost of -30°C
- free from bases and acids, not irritating to skin



|       | tube contents in g |
|-------|--------------------|
| 86770 | 250                |
| 86771 | 500                |

## FLAX HARDS



|       | tail in g |
|-------|-----------|
| 86760 | 100       |

## HYDRAULIC REPAIR SET

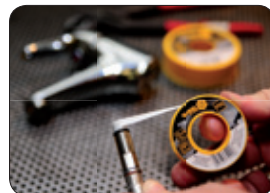


|       | tube contents in g | tail in g |
|-------|--------------------|-----------|
| 86761 | 65                 | 100       |

## TEFLON TAPES

### USE

- for sealing threaded joints in water-sewage systems
- certified for contact with drinking water



| VOREL | mm                   |
|-------|----------------------|
| 75200 | 10 m x 12 mm x 0,075 |
| 75201 | 10 m x 12 mm x 0,1   |
| 75202 | 15 m x 19 mm x 0,2   |

# PIPE UNCLOGGING

## PUMPS AND GUNS FOR PIPE UNCLOGGING

### USE

- declogging without chemical agents
- high quality PP+TPR plastic
- two replaceable disks



### USE

- declogging without chemical agents
- high power with compressed air
- high quality ABS plastic
- two replaceable disks



| VOREL | Ø (mm)  |
|-------|---------|
| 55505 | 65; 155 |

| VOREL | Ø (mm) |
|-------|--------|
| 55500 | 135    |

## SPIRALS AND SEWERAGE FORCE CUPS FOR PIPES

### USE

- effectively eliminates congestion in water-sewerage
- galvanized spring wire
- rotary handle



| VOREL | Ø (mm) | L (m) |
|-------|--------|-------|
| 55541 | 5      | 1.5   |
| 55542 | 6      | 3     |
| 55544 | 9      | 5     |
| 55545 | 9      | 10    |

### USE

- effectively eliminates congestion in water-sewerage
- ABS and PVC plastics
- two ropes included



| VOREL | Ø (cm) | L (mm) |
|-------|--------|--------|
| 55531 | 0.25   | 68     |
|       | 0.4    | 64     |

### USE

- effectively eliminates congestion in water-sewerage
- PP plastic



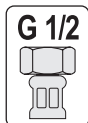
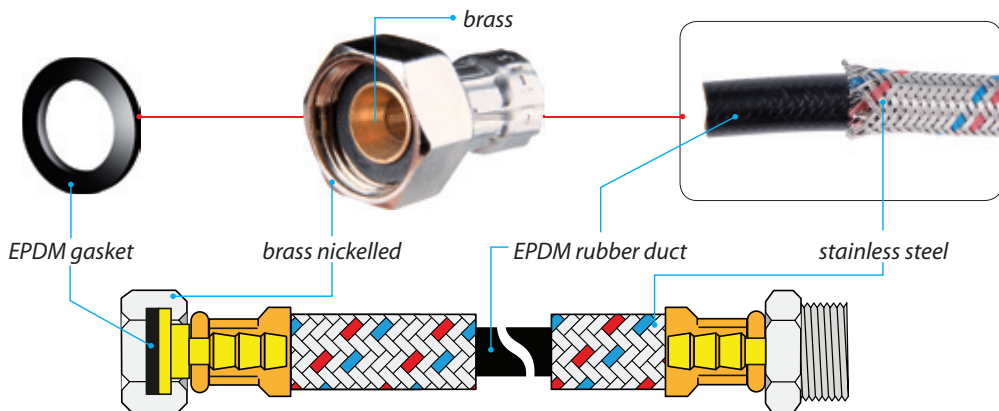
| VOREL | L (mm) |
|-------|--------|
| 55530 | 510    |

# WATER CONNECTION HOSES

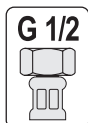
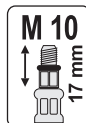
## FLEXIBLE WATER CONNECTION HOSES

### USE

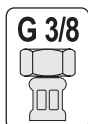
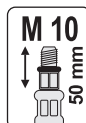
- certified for contact with drinking water
- for warm and cold water
- water flow 32 l/m
- maximum water pressure 1 MPa
- maximum water temperature 90°C



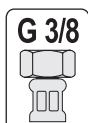
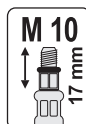
|             |       |       |       |       |       |
|-------------|-------|-------|-------|-------|-------|
| <b>FALA</b> | 71840 | 71841 | 71842 | 71843 | 71844 |
| L (mm)      | 300   | 400   | 500   | 600   | 800   |



|             |       |       |       |       |       |
|-------------|-------|-------|-------|-------|-------|
| <b>FALA</b> | 71846 | 71847 | 71848 | 71849 | 71850 |
| L (mm)      | 300   | 400   | 500   | 600   | 800   |



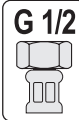
|             |       |       |       |       |       |
|-------------|-------|-------|-------|-------|-------|
| <b>FALA</b> | 71851 | 71852 | 71853 | 71854 | 71855 |
| L (mm)      | 300   | 400   | 500   | 600   | 800   |



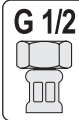
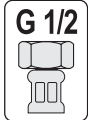
|             |       |       |       |       |       |
|-------------|-------|-------|-------|-------|-------|
| <b>FALA</b> | 71856 | 71857 | 71858 | 71859 | 71860 |
| L (mm)      | 300   | 400   | 500   | 600   | 800   |



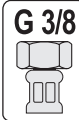
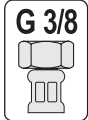
# WATER CONNECTION HOSES



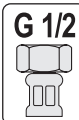
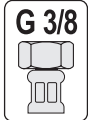
| FALA   | 71800 | 71801 | 71802 | 71803 | 71804 | 71805 |
|--------|-------|-------|-------|-------|-------|-------|
| L (mm) | 300   | 400   | 500   | 600   | 800   | 1000  |



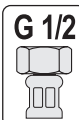
| FALA   | 71807 | 71808 | 71809 | 71810 | 718011 | 71812 |
|--------|-------|-------|-------|-------|--------|-------|
| L (mm) | 300   | 400   | 500   | 600   | 800    | 1000  |



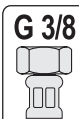
| FALA   | 71814 | 71815 | 71816 | 71817 | 718018 | 71819 |
|--------|-------|-------|-------|-------|--------|-------|
| L (mm) | 300   | 400   | 500   | 600   | 800    | 1000  |



| FALA   | 71820 | 71821 | 71822 | 71823 | 718024 | 71825 |
|--------|-------|-------|-------|-------|--------|-------|
| L (mm) | 300   | 400   | 500   | 600   | 800    | 1000  |



| FALA   | 71827 | 71828 | 71829 | 71830 | 718031 | 71832 |
|--------|-------|-------|-------|-------|--------|-------|
| L (mm) | 300   | 400   | 500   | 600   | 800    | 1000  |



| FALA   | 71833 | 71834 | 71835 | 71836 | 718037 | 71838 |
|--------|-------|-------|-------|-------|--------|-------|
| L (mm) | 300   | 400   | 500   | 600   | 800    | 1000  |



## MARKETING SUPPORT

- dedicated product shelves
- product catalogues
- promotional leaflets
- training materials
- product training
- data safety sheets



## RACK YATO REG-407

- dimensions:
  - height 230 cm
  - width 99 cm
  - depth 58 cm
- clip cover with lighting fixture
- optional lend for use of the rack for display of products among hydraulic tools
- free choice of displayed hydraulic tools and their configuration
- professional support and assistance for composition selection





## MANUFACTURER

TOYA S.A.

ul. Sołtysowicka 13-15

51-168 Wrocław

☎ (+48 71) 32 46 200

fax: (+48 71) 32 46 370

sales@yato.pl (sale)

export@yato.pl (export)

import@yato.pl (import)

ODDZIAŁ WARSZAWSKI

Teren ProLogis Park Nadarzyn

al. Kasztanowa 160

05-831 Młochów k. Warszawy

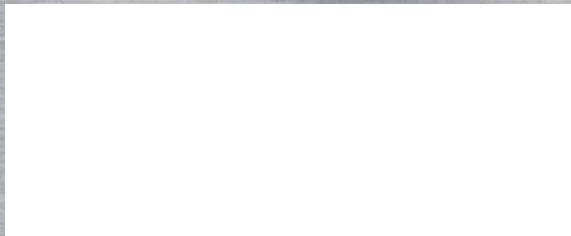
☎ (+48 22) 73 82 800

☎ (+48 22) 73 82 828

sales@yato.pl (sale)

export@yato.pl (export)

## YOUR TRUSTED SUPPLIER



COPYRIGHT © TOYA S.A. 2015

## GET ACQUAINTED WITH OUR WIDE OFFER

