



ITALIAN MANUFACTURERS SINCE 1948



**70 YEARS
OF INNOVATION
FOR SUSTAINABLE
AND RESPONSIBLE
RESEARCH**



LAB DIVISION

MADE IN ITALY





LAB DIVISION

CUSTOMER PLUS

means tailor-made solutions for your modern laboratory
offers very good service
has a complete range of products
has the ability to listen to Customers
has the capability to offer real solutions in short notice



MORE CUSTOM MADE
MORE EFFICIENCY
MORE QUALITY
MORE SERVICE AFTER SALES
MORE PLUG & PLAY



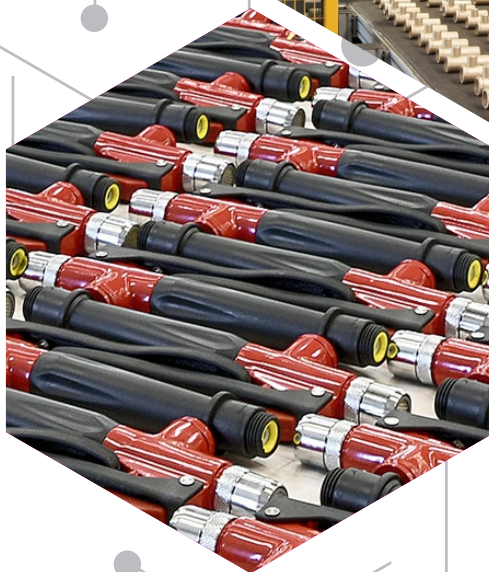


OVER 70 YEARS OF HISTORY IN MANUFACTURING

TOF was established in Italy in 1948 near the Lake of Orta, in the Cusio area between Piedmont and Lombardy.

3 production units for a total of 10.000 m², constant investment in advanced technology equipment, automation of production processes and an established network of partners/suppliers.

We prefer “**Made in TOF**” instead of “Made in Italy”, as our management has always chosen to maintain the production in-house, at our main seat in Italy, without outsourcing to foreign-located premises any type of process.





LABORATORY TECHNICAL GAS SUPPLY

LAB SYSTEM SERIE 3100/3101

Standard version regulator with gauge, inlet at rear, outlet downwards.
May be combined with inlet shut-off valve, wall connector, metering valve
and different gauges and diverse accessories.

APPLICATION

For wall, plate, suspended and bench mounting, with great variety
of combinations, covering any

- Great variety of assembly possibilities in laboratory furniture due to the modular design of the LabSystems
- Gas type specific color indication labels according to DIN 13792
- Different inlet and outlet connections available (G1/2, G3/8)
- Technical gases and compressed air use
- Purity max. 6.0
- Check flow chart and details below**
- All pressure regulators feature a stainless steel membrane
- 100% made in Italy**

MAX Inlet pressure 20BAR/290PSI

OUTLET pressure 0.1-10BAR/1.45-145PSI

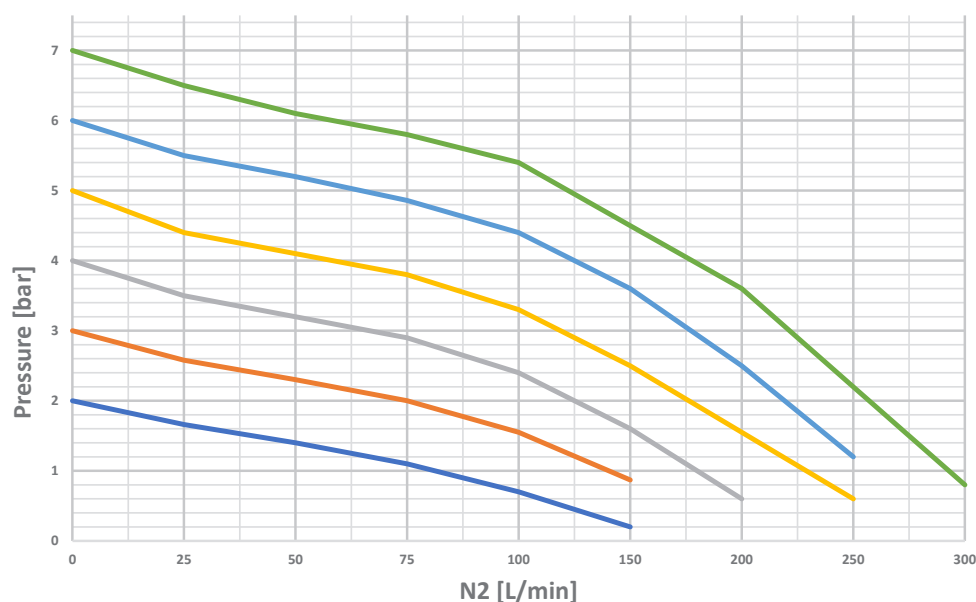
Body material Chrome plated brass / Aisi 316L stainless steel

Temperature range..... FROM -20°C TO +60°C FROM -4°F TO +140°F

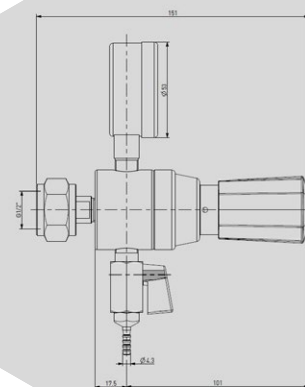
COLOUR code DIN EN 13792

THREAD connection UNI EN ISO 228/1

FLOW CHART



GAS
EXPERTS
SINCE
1948



For standard configurations please refer to the item numbers below.
For further information, please contact your TOF representative.

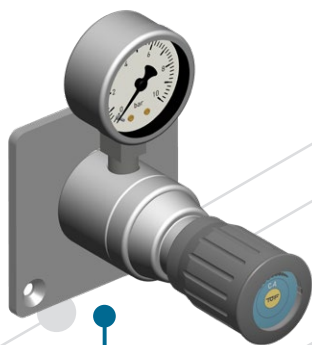
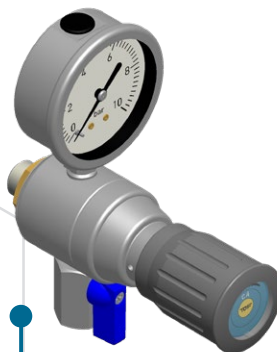
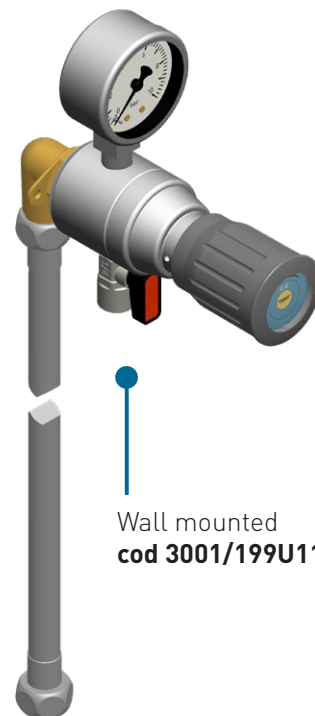


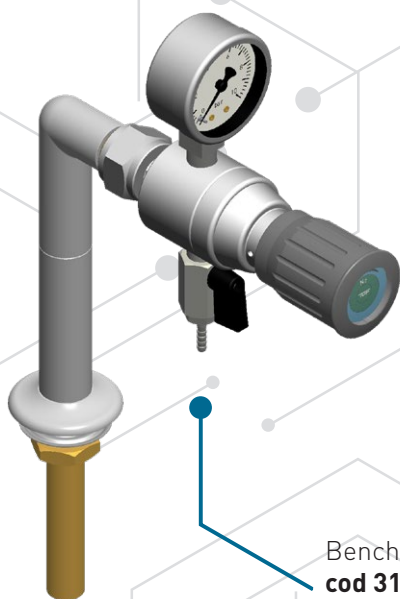
Plate assembly
cod 3001/271U7



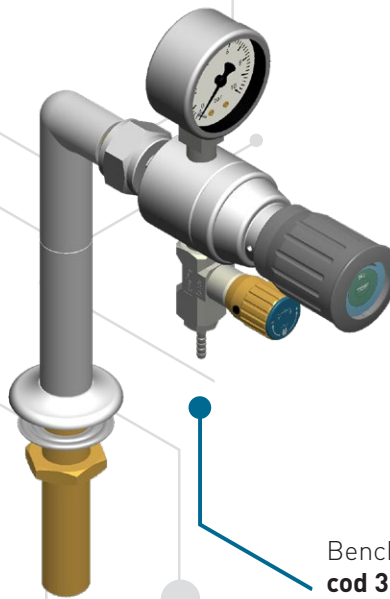
Wall mounted
cod 3001/199XU3/1



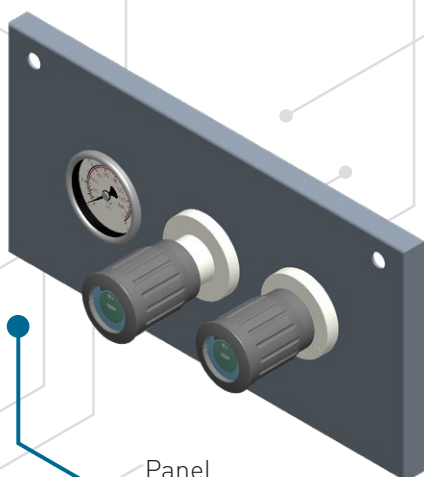
Wall mounted
cod 3001/199U11



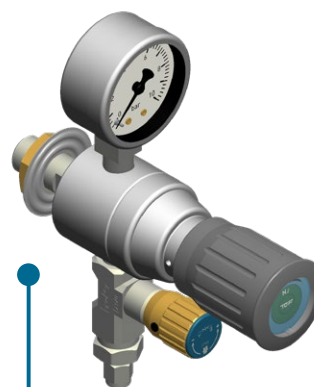
Bench version
cod 3101/188



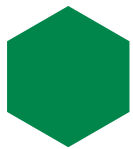
Bench version
cod 3101/194U5



Panel
cod 3101/330



Wall with micro-metric outlet valve
cod 3101/192U9



Quick & Flex LABORATORY SYSTEM

The EASIEST *ready to use* SYSTEM

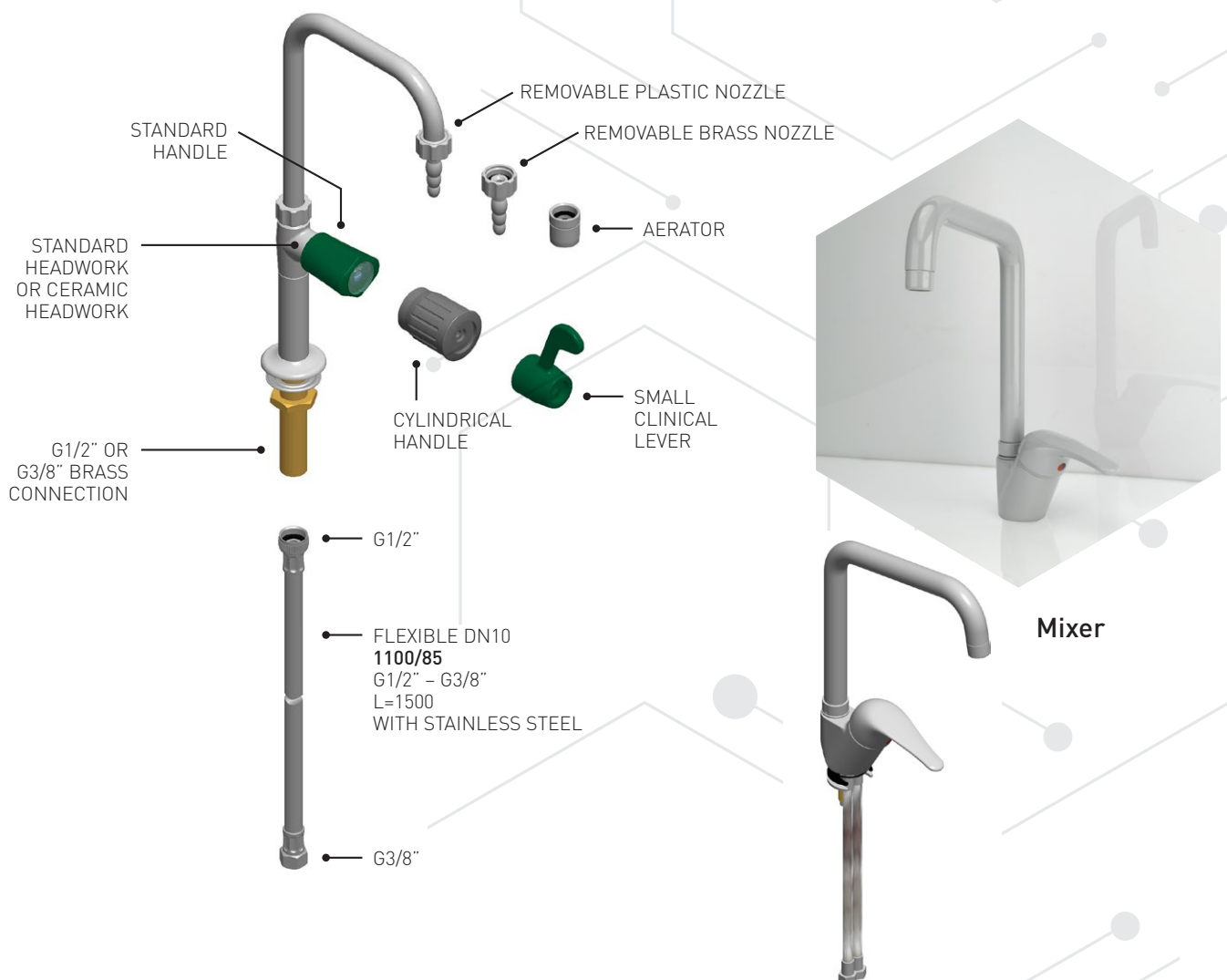
Highly performing, very simple, effective no frills.

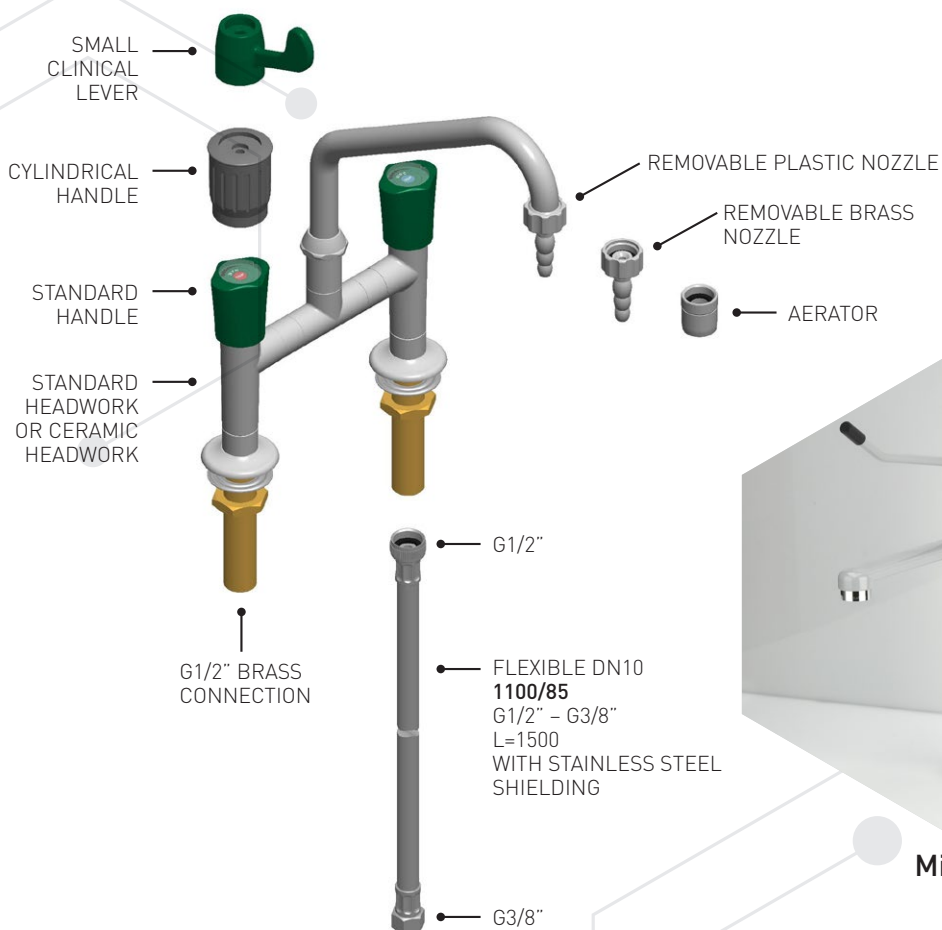
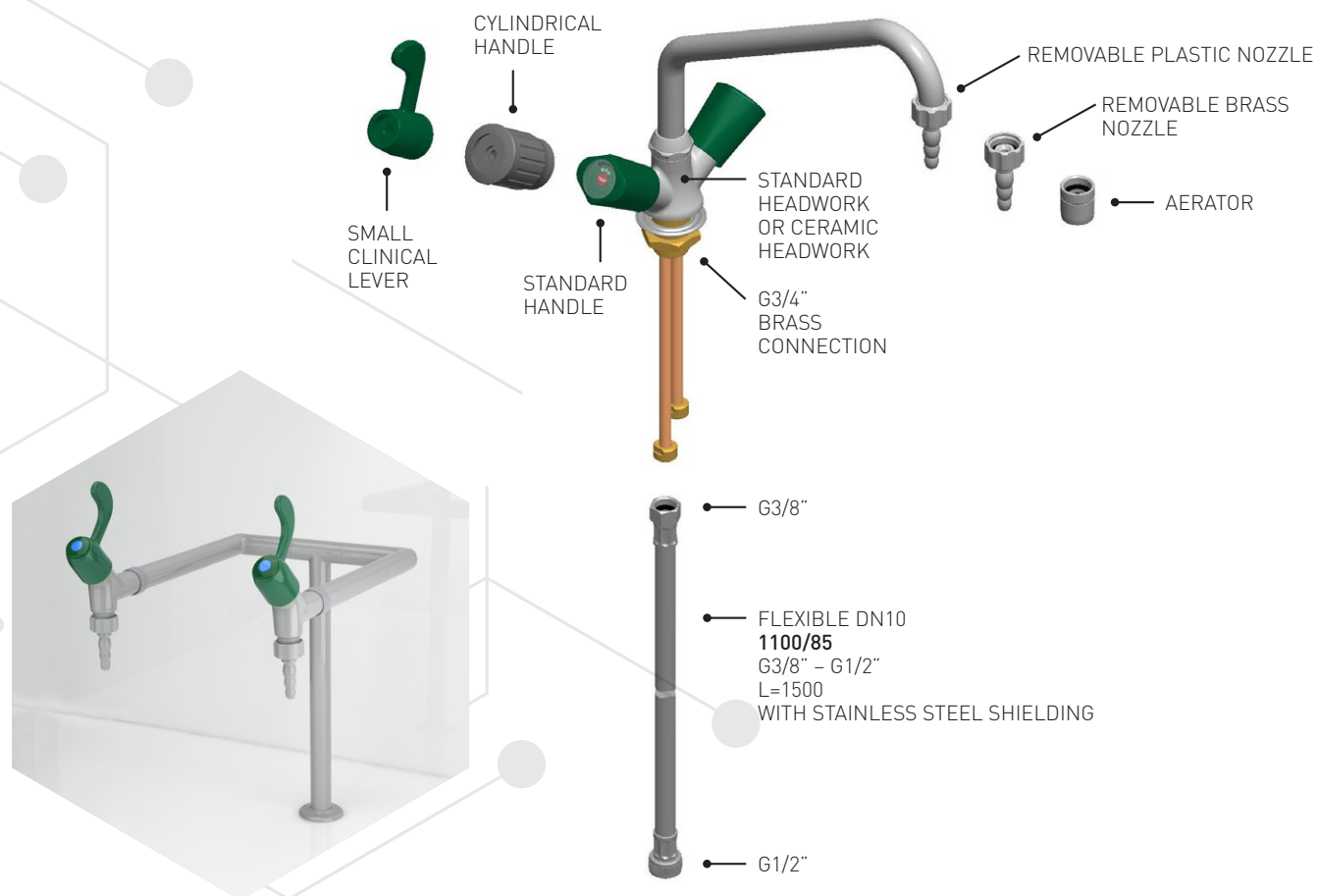
Different epoxy coating colours available, special treatment for demi water available.

Quick & flex system is applicable on the complete range of taps and fume hoods valves.

Different customizations upon requirement.

WATER TAPS

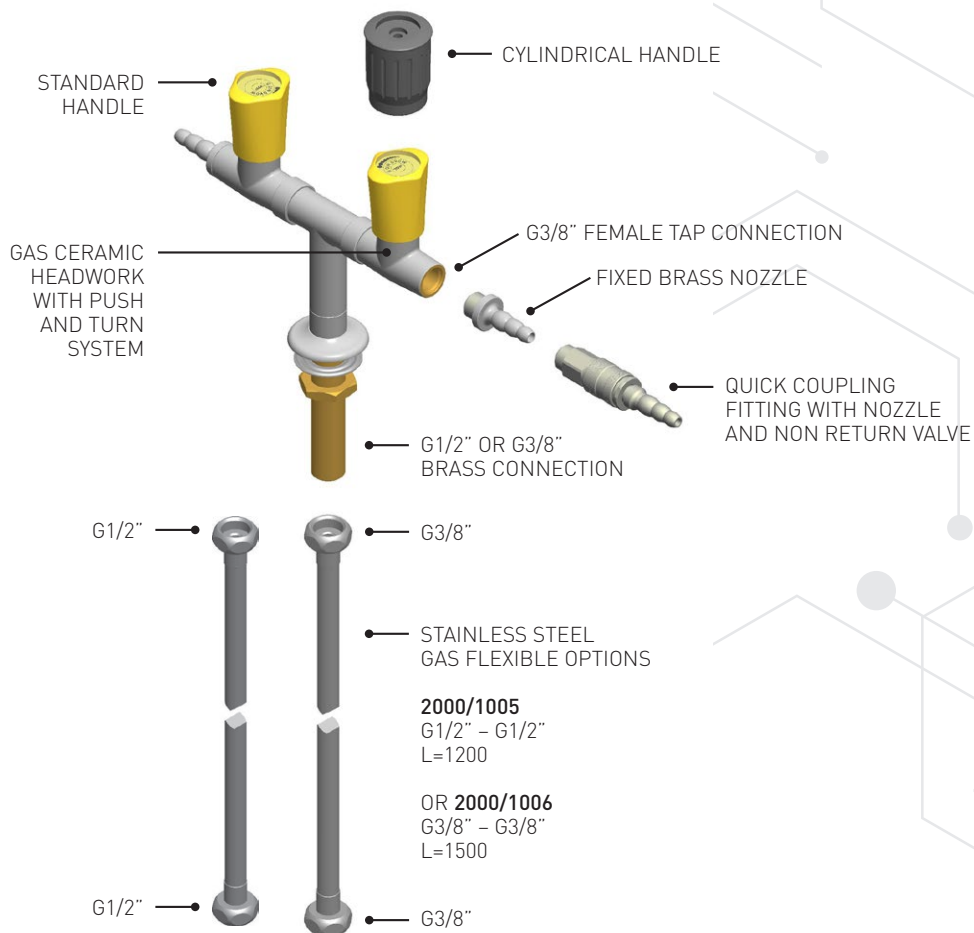
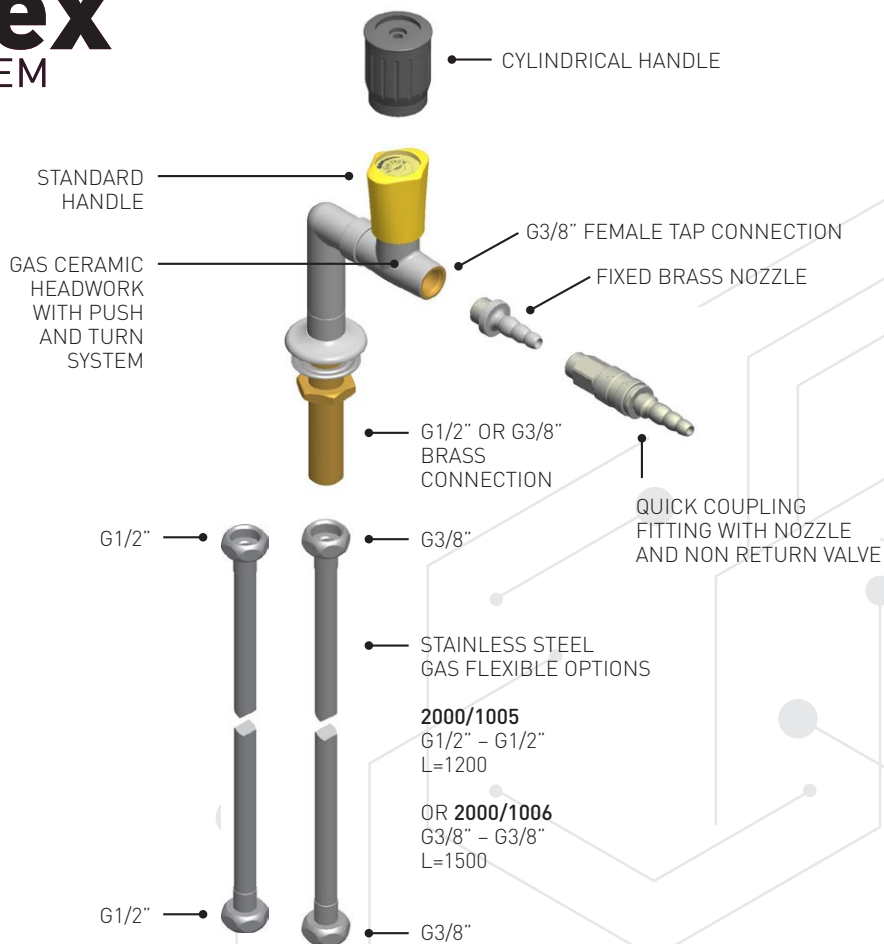


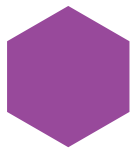




Quick & Flex SYSTEM

GAS TAPS

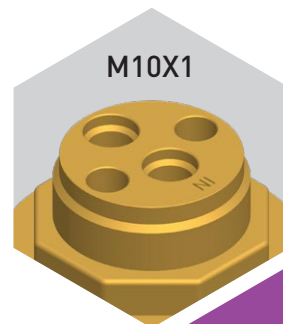
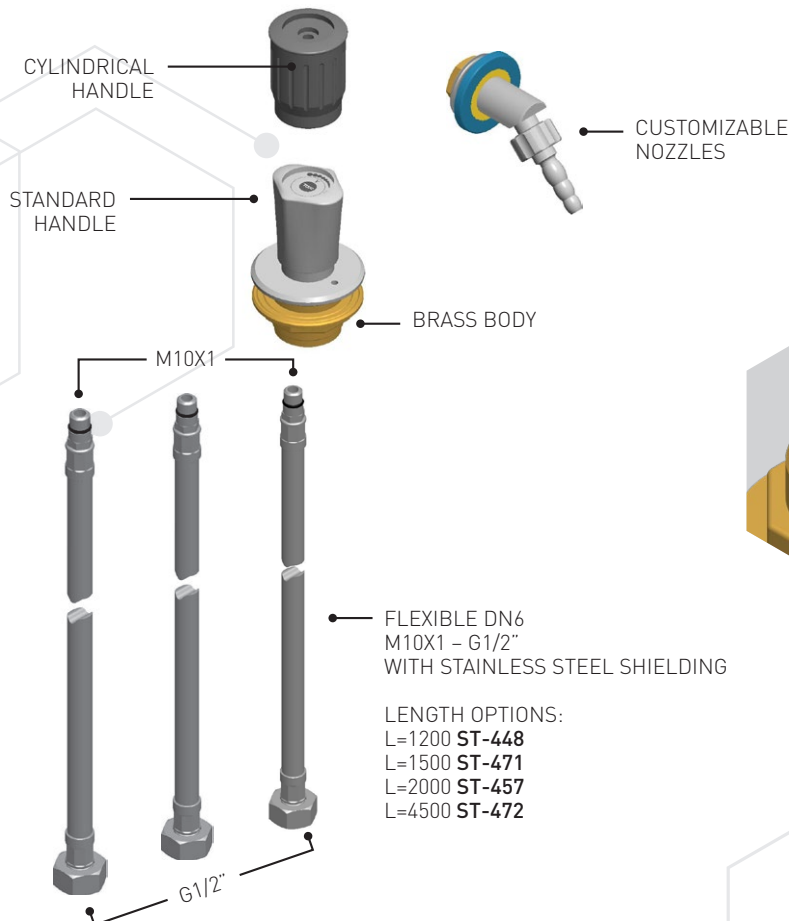
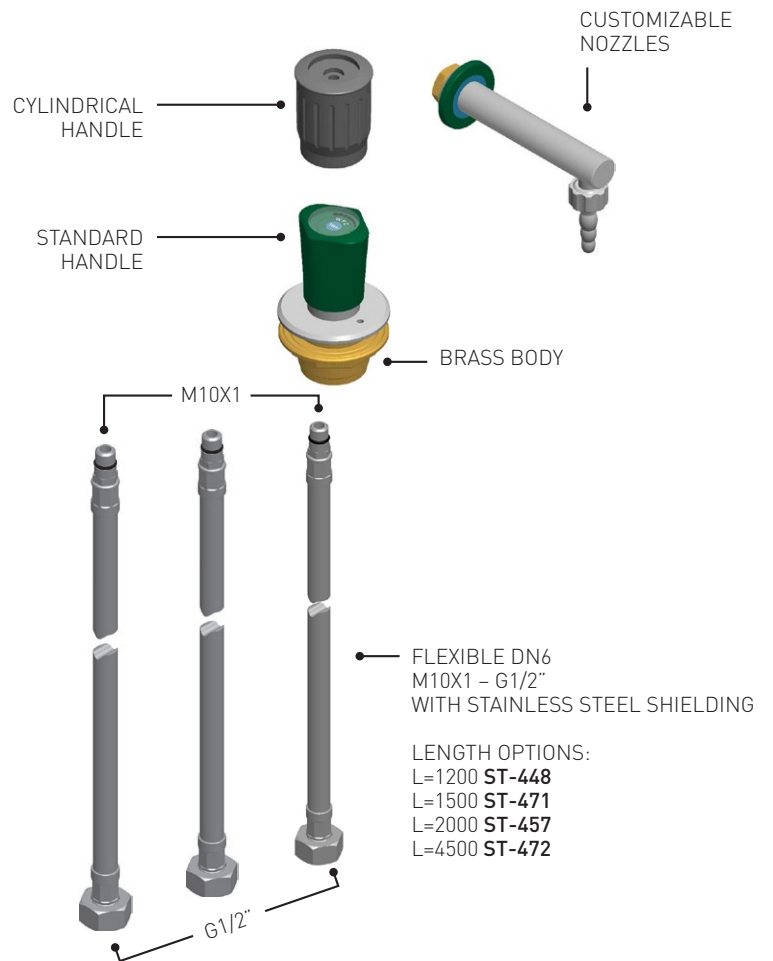
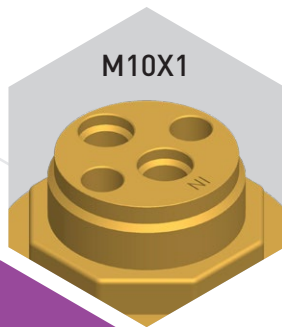




Quick & Flex LABORATORY SYSTEM

FUME HOOD APPLICATION

Water
Vacuum



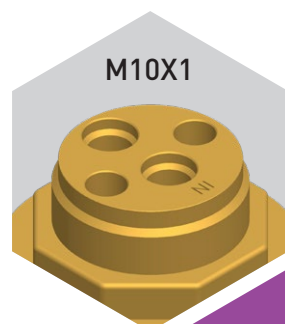
FUME HOOD APPLICATION

Compressed Air valve

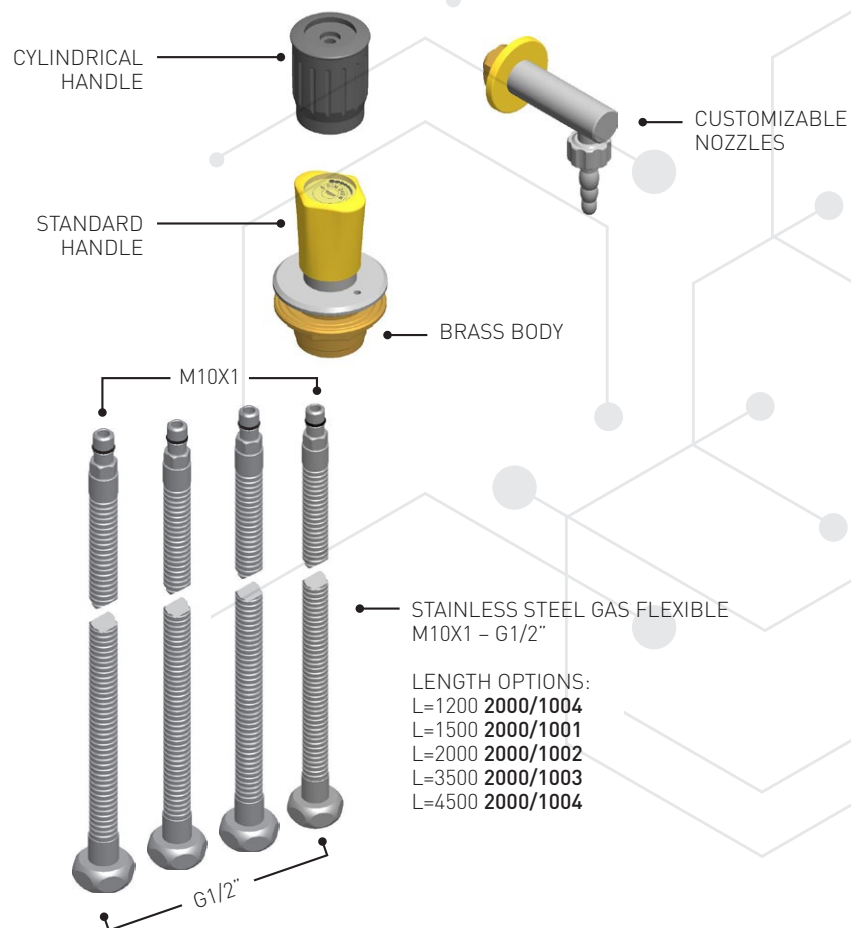
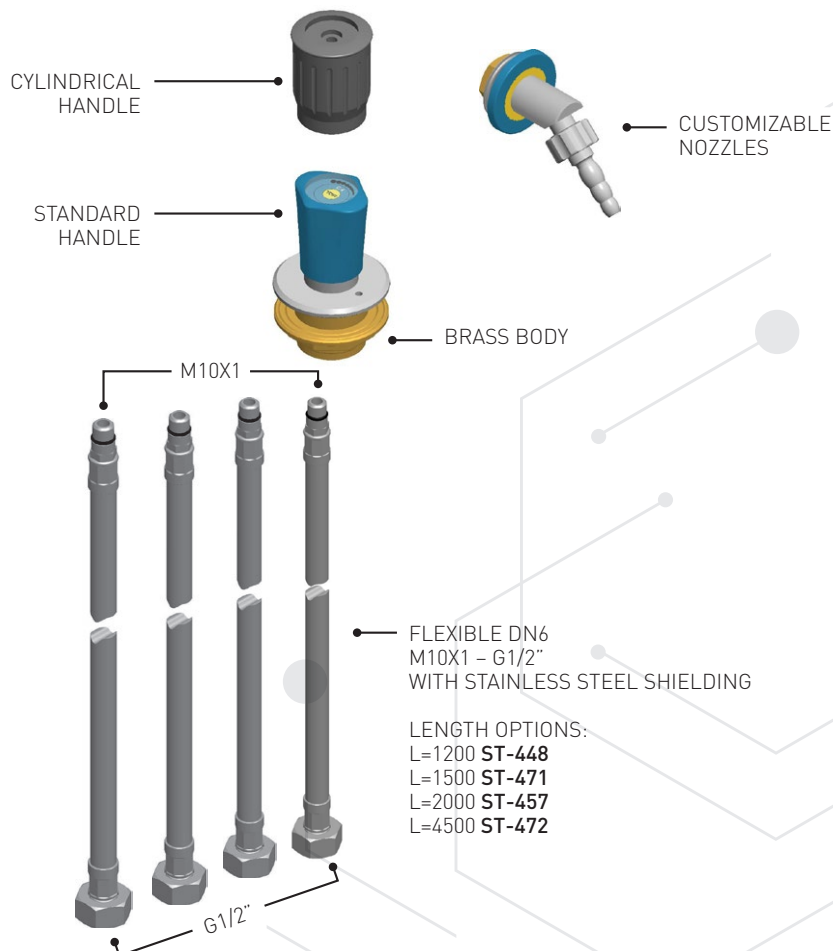


COMPRESSED AIR VALVE

Quick & Flex
LABORA
TOP SYSTEM



BURNING GAS VALVE



Quick & Flex SYSTEM

LABORA
TOP

M10X1

TECHNICAL
GAS VALVE

CYLINDRICAL
HANDLE

STANDARD
HANDLE

BRASS BODY

M10X1

STAINLESS STEEL GAS FLEXIBLE
M10X1 - G1/2"

LENGTH OPTIONS:
L=1200 2000/1004
L=1500 2000/1001
L=2000 2000/1002
L=3500 2000/1003
L=4500 2000/1004

G1/2"

CYLINDRICAL
HANDLE

STANDARD
HANDLE

STAINLESS
STEEL BODY

M10X1

STAINLESS STEEL GAS FLEXIBLE
M10X1 - G1/2"

LENGTH OPTIONS:
L=1200 2000/1004
L=1500 2000/1001
L=2000 2000/1002
L=3500 2000/1003
L=4500 2000/1004

G1/2"

Quick & Flex SYSTEM STAINLESS STEEL

M10X1

BURNING GAS
TECHNICAL
GAS STEAM
FLUIDS THAT
MUST REMAIN
PURE

LABORATORY FITTINGS

The complete TOF laboratory tap fitting line guarantees maximum reliability and functionality

Complies with international standards
Interchangeable components

Made in brass (P-Cu Zn40 Pb2 UNI 5705-65)
Epoxy coating in RAL 7001

WATER

- Connections: G3/8, G1/2, G3/4 standard UNI ISO 228/1
- Olive-shaped nozzle - DIN 12898
- Normal regulation headwork or with ceramic closure
- Max. working pressure 10 bar
- Optional: chemical nickel treatment

DEMIWATER

- Connections: G3/8, G1/2, standard UNI ISO 228/1
- Olive-shaped nozzle DIN 12898
- Headwork with ceramic closing
- Quick connections available
- Polypropylene pipes $\varnothing 8 \times 1$
- Max. pressure 10 Bar

1000

1000 PP



SAFETY SHOWERS

TOF is in the forefront in the emergency shower and eyewashers sector thanks to its modern manufacturing technology guaranteeing maximum use reliability and functionality.

Available in **RED** and **GREEN**.

The vast model range is made to international standards



EN 15154-1 e EN 15154-2
DIN 12 899 - UNI 9608

EYE-WASHERS

- Bench or wall mounted, straight or inclined, single or double
- Brass body
- Anti-corrosive epoxy coating
- Open, regulated spray
- Continuous water flow operated by single action
- Min. pressure 2 Bar
- Capacity:
6l/min (single spray head)
12l/min (double spray head)



1100

SHOWERS AND EYE-WASHERS FOR BODY/EYES

- Installation: floor, wall or ceiling mounted
- Fast mounting of pre-assembled parts
- Easy maintenance of extractable, controllable parts.
- Materials: Pipes in galvanised steel, brass fittings, aluminium base ABS pedals, anti-corrosion epoxy coating
- Eye-washers with: aerated, regulated spray bowl in ABS or stainless steel
- Min. pressure 2 Bar
- Capacity: 30 L/min/ single head
12 L/min/ eye-washers



WALL MOUNTED EYE-WASHER WITH BOWL

- Wall installation
- Fast mounting of pre-assembled parts
- Easy maintenance of extractable, controllable valves
- Materials: Brass fittings, anti-corrosion epoxy paint
- Eyewasher with ABS or stainless steel bowl
- Min. pressure 2 Bar
- Capacity: 12l/min/ eyewashers



LABORATORY FITTINGS

Functioning from -30°C to 150 °C
 Chemical resistance: extremely rare alterations
 Saline fog test: no change
 Kesternich test: no change
 DIN 50018 standard
 Possible chemical nickel treatment
 Ergonomic handles with media colour coding
 according to standard DIN 13792

BURNING GAS

- Connections: G3/8, G1/2, standard UNI ISO 228/1
- Fixed olive-shaped nozzle standard DIN 12898
- Headwork with ceramic closure and safety release requiring no maintenance
- Max. working pressure 0.2 bar
- DIN-DVGW standard
- Optional: chemical nickel treatment



2000

VACUUM

- Connections: G3/8, G1/2 standard UNI ISO 228/1
- Fixed olive-shaped nozzle DIN 12898 standard
- Normal regulation headwork requiring no maintenance
- Optional: Chemical nickel treatment
Precision regulation headwork



2200

LIQUID GAS

- Connections: G3/8, G1/2, standard UNI ISO 228/1
- R 3/8 and R 1/2 UNI ISO 7 (on demand)
- Fixed olive-shaped nozzle DIN 12898 standard
- Normal regulation headwork requiring no maintenance
- Front control valve available with pipe Ø 12 x 1 – Ø 10 x 1
- Max. operating pressure 2 bar
- Optional: chemical nickel treatment



2100

STEAM

- Connections: G3/8, G1/2, standard UNI ISO 228/1
- Fixed olive-shaped nozzle DIN 12898
- Fine regulation headwork requiring no maintenance
- Max. operating pressure 4 bar
- Operating temperature ≤ 125°C
- Optional: Chemical nickel treatment



2300



COLLEGE

- The new line of TOF fittings named "College" is the answer to the market demand of fittings to be installed in school Labs.
- TOF "College" fittings are available for burning gas, technical gas, compressed air and vacuum.
- The handle having an ergonomic design is installed on a "press&turn" safety headwork system.
- Max. operating pressure: 7BAR/100 psi
- Connection thread: G 1/2"
- Fixed olive type nozzle according to DIN 12898
- Optional: Chemical nickel treatment

2400



COMPRESSED AIR

- Connections: G3/8, G1/2, standard UNI ISO 228/1
- Fixed olive-shaped nozzle DIN 12898
- Removable nozzle
- Fine regulation headwork requiring no maintenance
- Remote control available with pipe Ø 12 x 1 – Ø 10 x 1
- Max. operating pressure 10 bar
- Optional: Chemical nickel treatment

3000



INDUSTRIAL GAS

- Connections: G3/8, G1/2, standard UNI ISO 228/1
- Fixed olive-shaped nozzle DIN 12898
- Removable nozzle
- Fine regulation headwork requiring no maintenance
- Max. operating pressure 10 bar
- Optional: Chemical nickel treatment

3100



LABORATORY FITTINGS

FITTINGS

- Fittings
- Reducers
- Remote valves



4000

ELECTRICITY DISTRIBUTION

- Electricity distribution turrets for "TAIS PALAZZOLI" type sockets
- To standards
- Various configurations available
- Mono-front / Bi-front
- Connections: G1/2 B, G3/4 B
UNI ISO 228/1

*(sockets excluded)



6000

SCHOOL LABORATORIES

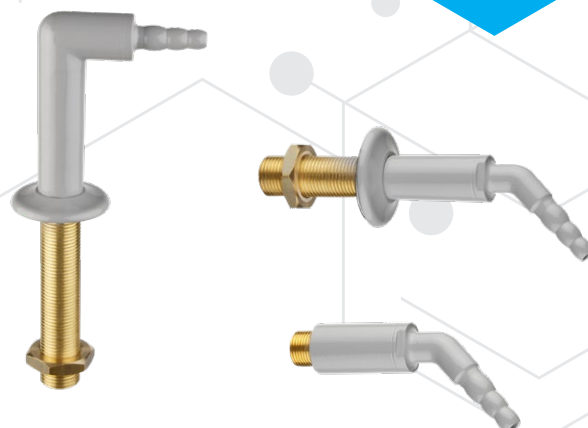
- Configurations with taps for different media
- Several compositions available for different needs thanks to the interchangeability of TOF components
- Customised solutions



5000

ACCESSORIES

- Accessories to meet specific plant needs that cannot be solved using standard components.
- NOZZLES
- SPOUTS
- EXTENSIONS
- FITTINGS
- AERATORS
- ROSETTES
- VARIOUS SPARE PARTS



7000



CERTIFICATES

Research for new technologies, reliability and quality, combined with the elegance of Italian design, have always distinguished our fittings on worldwide markets where the expansion of TOF products continues.

Our products are manufactured in compliance with the most important international standards with regard to technology and environment.

Besides that our quality management system (ISO 9001) enables us to design and manufacture products that suit any market need.

- An epoxy coating makes all TOF laboratory fittings resistant to corrosive substances. The coating process strictly observes the environmental laws in force.
- Every single item is tested and approved before shipment.



UNI

DIN

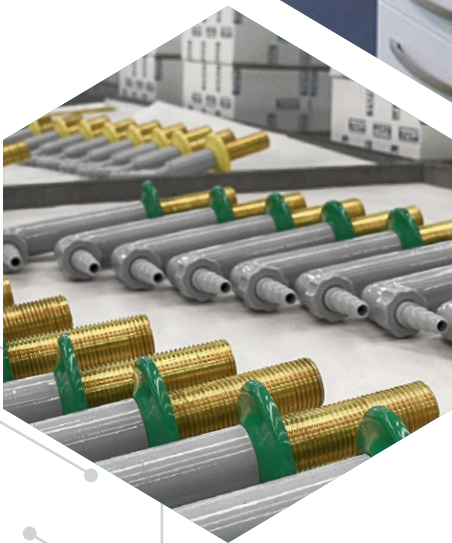


TOF DESIGN

Do you need a fitting that doesn't exist?
Do you need help configuring your lab taps
disposure to your specific needs?

TOF can work with you to identify the most appropriate solution in terms of technology, efficiency and cost.





TOF STILL CONTINUES TO PRODUCE IN ITALY TODAY, WITH CONSTANT INVESTMENTS IN ADVANCED TECHNOLOGY EQUIPMENT TO BRING THE HIGHEST QUALITY

For us “Made in Italy” is not a label affixed to a product , it is the result of knowledge and experience accumulated over the years. We are confident that our customers brand awareness and satisfaction will only depend from our costant good professional work as usual.



LAB DIVISION



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