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TUCAI Group

Four decades of servicing the industry with innovative products

TUCAI Group, specialized in the production of flexible connectors for water and gas has operations in Barcelona, Spain, China and Bulgaria. The Group employs over 400 people worldwide. It has steadily grown into a role of industry leader through continuous improvement and innovation.

It was established in 1963 and over the years, business has grown in parallel with the successful development of a product that was customized to fit the ever changing needs of customers and provide the plumbing industry a quality recognized by most relevant certification bodies in the world.

Our group currently exports more than 70% of its production and although our main production facility is based in Barcelona, a plant of 10,000 sqmt. has been set up in Ningbó, in the area of Shanghai as an opportunity arose to expand our business supplying OEM customers based in Asia, USA as well as US\$ markets.

More recently, new operations were started in Bulgaria to provide the group with a production site in the Eastern Euro Zone to expand towards East and guarantee the most competitive prices to customers.



Quality & Approvals

Innovation and Quality at TUCAI

Quality is fully standardized as the 3 production sites of TUCAI Group have been audited by the most important certifying bodies. Our staff keeps control checkpoints throughout the process and strict inspection procedures ensure the best possible products reach our customers, as part of a Total Quality Management (TQM) system documented by ISO 9001:2000 certification.



ISO 9001: 2000		OIL FUEL	

GAS GAZ			

WATER EAU			

Our most valuable asset is our employees, always at the best of the operation to provide a powerful commitment to customer service as our logistics enable us to fill our customers' orders. They are proud to be part of the TUCAI Group.

Our customers rely on us to provide them with expert services and advice that deliver extra value. Our goal is to help them gain competitive advantage with tailored solutions that ensure quality products and increased competitiveness.



**STAINLESS STEEL
CONNECTORS**



Stainless Steel Braided Connectors DN6 TAQ PEX MINI



TAQ PEX MINI is a new universal connector range with improved hygienic attributes that incorporates an advanced cross-linked polyethylene. It has been successfully tested and approved by most international certification bodies. Refer to page 35 for more information on Approvals. It is available with 3/8" or 1/2" nut or 8x1 or 10x1 male fitting; length upon request.



Technical Specifications



Inner diameter (mm)
6



Outer diameter (mm)
10



Fitting inner diameter (mm)
4.5



Flow rate at 3 bar (lit/min)
16



Minimum bending radius (mm)
25



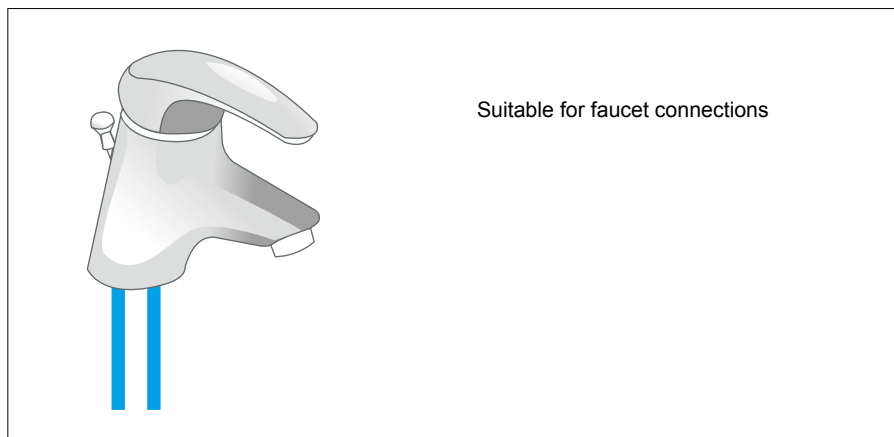
Working pressure (bar)
10



Working temperature (°C)
90

Materials

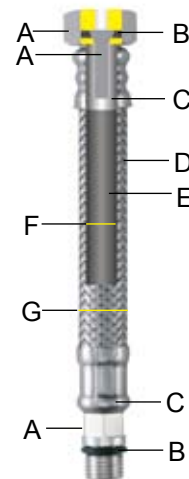
Applications



Range

We can provide all combinations of lengths & fittings according to customer requirements. Below are our most common models.

Designation	Dimension	Code		Code	Dimension	Designation
Nut	3/8", 1/2"	H(G)		M	8x1, 10x1	Male fitting



- A. Nickel-plated brass
- B. Incorporated EPDM O-ring
- C. Stainless steel AISI304
- D. Stainless steel wires AISI 304
- E. PE-X
- F. Internal diameter \varnothing 6mm
- G. External diameter \varnothing 10mm

Stainless Steel Braided Connectors DN8 TAQ PEX



TAQ PEX belongs to the new universal connector range developed to suit OEM and Retail customer requirements worldwide. It incorporates an advanced cross-linked polyethylene with improved hygienic attributes especially designed for sanitary applications.



Recommended for sanitary & plumbing applications

Technical Specifications



Inner diameter (mm)
8



Outer diameter (mm)
12



Fitting inner diameter (mm)
6



Flow rate at 3 bar (lit/min)
28



Minimum bending radius (mm)
30

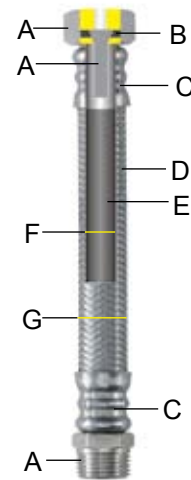


Working pressure (bar)
10



Working temperature (°C)
90

Materials



- A. Nickel-plated brass
- B. Incorporated EPDM
- C. Stainless steel AISI304
- D. Stainless steel wires AISI304
- E. PE-X
- F. Internal diameter \varnothing 8mm
- G. External diameter \varnothing 12mm

Range

Designation	Dimension	Code		Code	Dimension	Designation
Nut	3/8", 1/2"	H(G)		H(G)	3/8", 1/2"	Nut
Nut	3/8", 1/2"	H(G)		M	3/8", 1/2"	Male fitting
Nut	3/8", 1/2"	H(G)		M	8*1, 10*1, 12*1	Male fitting
Nut	3/8", 1/2"	H(G)		L	10	Tube
Nut	3/8", 1/2"	H(G)		BICO 1P	10, 12, 14, 15	Compression fitting
Male fitting	3/8", 1/2"	M		BICO 1P	10, 12, 14, 15	Compression fitting
Compression fitting	10, 12, 14, 15	BICO 1P		BICO 1P	10, 12, 14, 15	Compression fitting
Tube	10	L		BICO 1P	10, 12, 14, 15	Compression fitting
Nut	3/8", 1/2"	H		BICO 3P	10, 12, 14	Compression fitting
Male fitting	3/8", 1/2"	M		BICO 3P	10, 12, 14	Compression fitting
Compression fitting	10, 12, 14	BICO 3P		BICO 3P	10, 12, 14	Compression fitting
Tube	10	L		BICO 3P	10, 12, 14	Compression fitting
Nut	3/8", 1/2"	H(G)		CODO H	3/8", 1/2"	Elbow fitting
Male fitting	3/8", 1/2"	M		CODO H	3/8", 1/2"	Elbow fitting

Stainless Steel Braided Connectors DN6 TAQ MINI



TAQ MINI range is designed to cope with faucet manufacturers' special requirements. It is available with 3/8" or 1/2" nut and 8x1 or 10x1 male fitting; length upon request.



Technical Specifications



Inner diameter (mm)
6



Outer diameter (mm)
10



Fitting inner diameter (mm)
4.5



Flow rate at 3 bar (lit/min)
16



Minimum bending radius (mm)
25

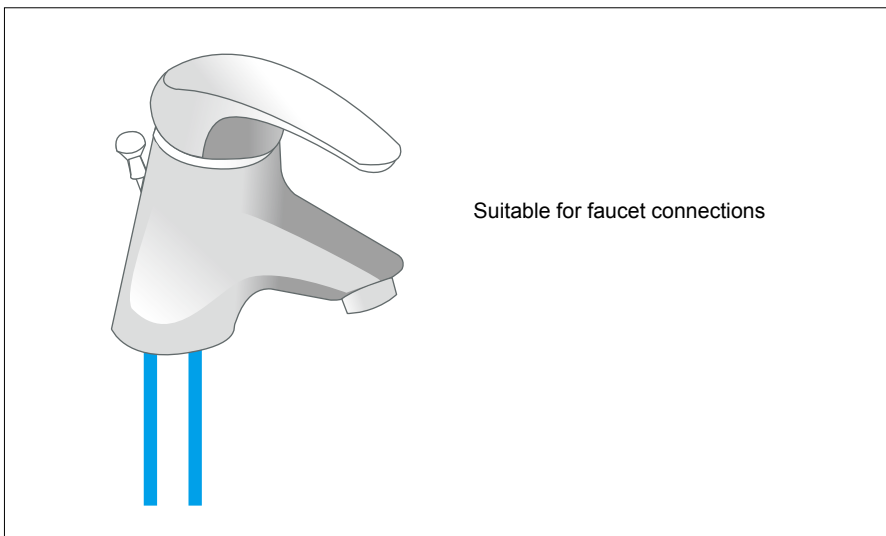


Working pressure (bar)
10

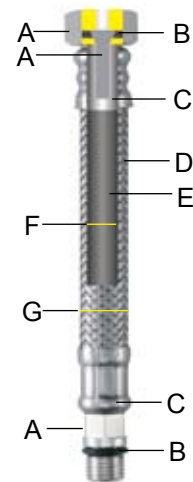


Working temperature (°C)
90

Applications



Materials



- A. Nickel-plated brass
- B. Incorporated EPDM O-ring
- C. Stainless steel AISI304
- D. Stainless steel wires AISI 304
- E. EPDM
- F. Internal diameter \varnothing 6mm
- G. External diameter \varnothing 10mm

Range

We can provide all combinations of lengths & fittings according to customer requirements. Below are our most common models.

Designation	Dimension	Code		Code	Dimension	Designation
Nut	3/8", 1/2"	H(G)		M	8x1, 10x1	Male fitting

Stainless Steel Braided Connectors DN8 TAQ



TAQ is specially designed for sanitary & plumbing applications. A complete range of fittings & models are available to suit both OEM & RETAIL customer requirements.



Applications

Recommended for sanitary & plumbing applications

Technical Specifications



Inner diameter (mm)

8



Outer diameter (mm)

12



Fitting inner diameter (mm)

6



Flow rate at 3 bar (lit/min)

28



Minimum bending radius (mm)

30



Working pressure (bar)

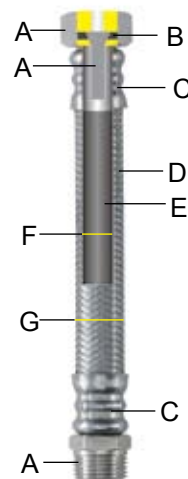
10



Working temperature (°C)

90

Materials



- A. Nickel-plated brass
- B. Incorporated EPDM
- C. Stainless steel AISI304
- D. Stainless steel wires AISI304
- E. EPDM
- F. Internal diameter \varnothing 8mm
- G. External diameter \varnothing 12mm

Range

Designation	Dimension	Code		Code	Dimension	Designation
Nut	3/8", 1/2"	H(G)		H(G)	3/8", 1/2"	Nut
Nut	3/8", 1/2"	H(G)		M	3/8", 1/2"	Male fitting
Nut	3/8", 1/2"	H(G)		M	8*1,10*1,12*1	Male fitting
Nut	3/8", 1/2"	H(G)		L	10	Tube
Nut	3/8", 1/2"	H(G)		BICO 1P	10,12,14,15	Compression fitting
Male fitting	3/8", 1/2"	M		BICO 1P	10,12,14,15	Compression fitting
Compression fitting	10,12,14,15	BICO 1P		BICO 1P	10,12,14,15	Compression fitting
Tube	10	L		BICO 1P	10,12,14,15	Compression fitting
Nut	3/8", 1/2"	H		BICO 3P	10,12,14	Compression fitting
Male fitting	3/8", 1/2"	M		BICO 3P	10,12,14	Compression fitting
Compression fitting	10,12,14	BICO 3P		BICO 3P	10,12,14	Compression fitting
Tube	10	L		BICO 3P	10,12,14	Compression fitting
Nut	3/8", 1/2"	H(G)		CODO H	3/8", 1/2"	Elbow fitting
Male fitting	3/8", 1/2"	M		CODO H	3/8", 1/2"	Elbow fitting
Nut	3/8", 1/2"	H(G)		LLAVE M	1/2"	Ball valve

Stainless Steel Braided Connectors DN8 / DN13 TAQTITE



DN8 / DN13 TAQTITE is the latest range of stainless steel braided connectors with quick fittings designed for the application in faucets. The inner EPDM tube is suitable for water suppliers intended for human consumption. It can be easily disassembled and reused. This range is available with 3/8", 1/2", 3/4" nut & a variety of dimensions for quick fittings; length upon request.



Technical Specifications



Inner diameter (mm)
8 / 13



Outer diameter (mm)
12 / 19



Fitting inner diameter (mm)
5.3 / 9.5



Flow rate at 3 bar (lit/min)
28 / 65



Minimum bending radius (mm)
30 / 45



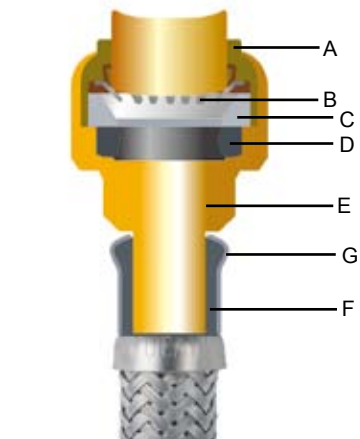
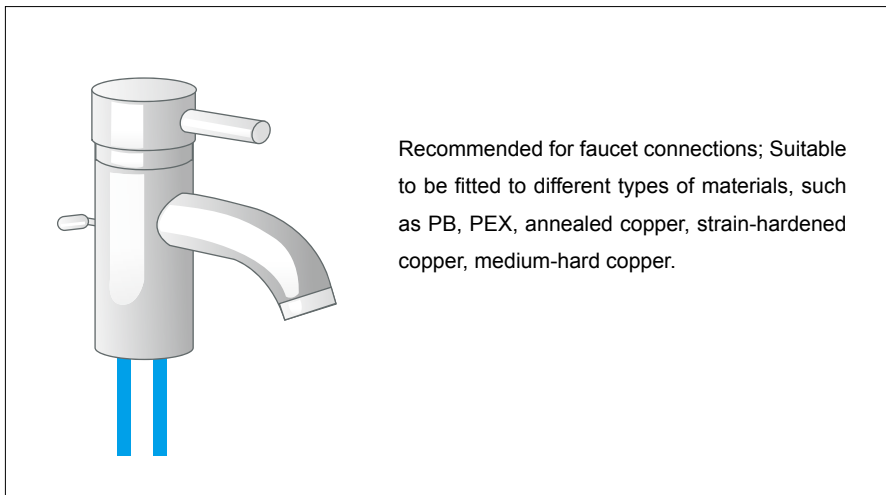
Working pressure (bar)
10



Working temperature (°C)
90

Materials

Applications



- A. Disconnecting clip
- B. Stainless steel grab ring
- C. Tube stop
- D. EPDM O-ring
- E. Brass
- F. Elastomer liner
- G. AISI 304 stainless steel ferrule

Range

Designation	Dimension	Code		Code	Dimension	Designation
Nut	3/8, 1/2"	H		ER	10, 12, 14	Quick fitting
Quick fitting	10, 12, 14	ER		ER	3/4"	Quick fitting

Stainless Steel Braided Connectors DN11 TAQ FORTE



DN11 TAQ FORTE has been specially designed for the connection of heaters & boilers. This range is available with 1/2" nut, 1/2" male fitting & 1/2" elbow; length upon request.



Technical Specifications



Inner diameter (mm)
11



Outer diameter (mm)
16



Fitting inner diameter (mm)
8.5



Flow rate at 3 bar (lit/min)
50



Minimum bending radius (mm)
35

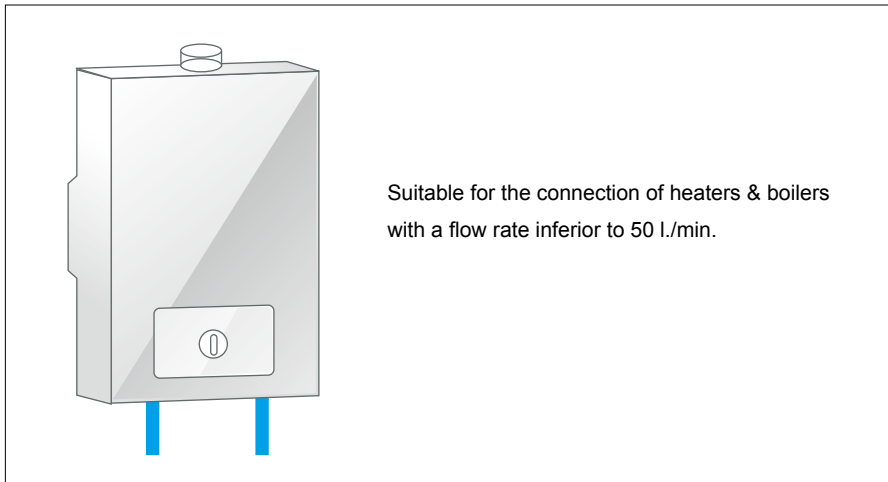


Working pressure (bar)
10

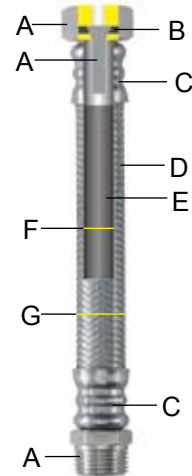


Working temperature (°C)
90

Applications



Materials



- A. Nickel-plated brass
- B. Incorporated EPDM
- C. Stainless steel AISI304
- D. Stainless steel wires AISI304
- E. EPDM
- F. Internal diameter \varnothing 11mm
- G. External diameter \varnothing 16mm

Range

Designation	DDimension	Code		Code	Dimension	Designation
Nut	1/2"	H(G)		H(G)	1/2"	Nut
Male fitting	1/2"	M		H(G)	1/2"	Nut
Nut	1/2"	H(G)		CODO H	1/2"	Elbow fitting
Male fitting	1/2"	M		CODO H	1/2"	Elbow fitting

Stainless Steel Braided Connectors DN13 TAQ SUPER



TAQ SUPER is designed for heaters, boilers & air-conditioning connections. Available with nuts, male fittings & elbows of 1/2" & 3/4"; length upon request.



Technical Specifications



Inner diameter (mm)
13



Outer diameter (mm)
19



Fitting inner diameter (mm)
9.5



Flow rate at 3 bar (lit/min)
65



Minimum bending radius (mm)
45

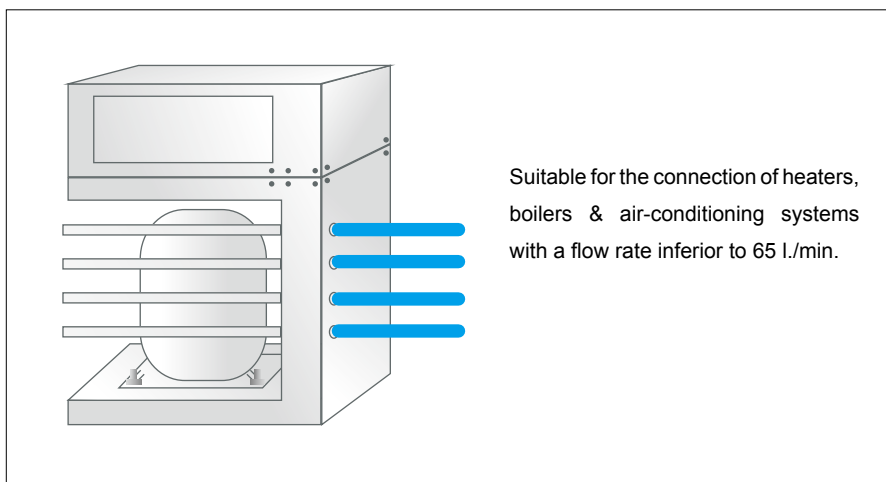


Working pressure (bar)
10

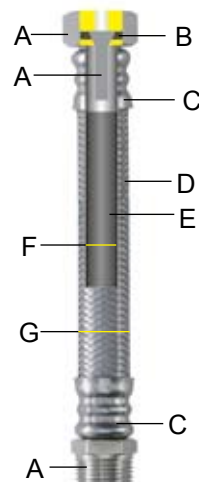


Working temperature (°C)
90

Applications



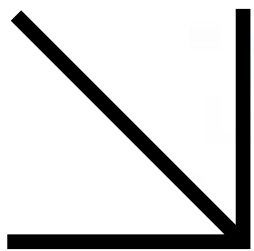
Materials



- A. Nickel-plated brass
- B. Incorporated EPDM
- C. Stainless steel AISI304
- D. Stainless steel wires AISI304
- E. EPDM
- F. Internal diameter \varnothing 13mm
- G. External diameter \varnothing 19mm

Range

Designation	Dimension	Code		Code	Dimension	Designation
Nut	1/2", 3/4"	H(G)		H(G)	1/2", 3/4"	Nut
Male fitting	1/2", 3/4"	M		H(G)	1/2", 3/4"	Nut
Nut	1/2", 3/4"	H(G)		CODO H	1/2", 3/4"	Elbow fitting
Male fitting	1/2", 3/4"	M		CODO H(G)	1/2", 3/4"	Elbow fitting



SHOWER

HOSES & CONNECTORS



Shower Hoses

Certified Double-lock Shower Hoses in Brass



TUCAI offers certified double-lock shower hoses in brass, with available lengths 1500mm, 1750mm & 2000mm.



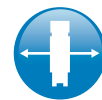
Technical Specifications



Inner diameter (mm)
7.4



Outer diameter (mm)
14



Fitting inner diameter (mm)
6.2



Flow rate at 3 bar (lit/min)
45



Minimum bending radius (mm)
37

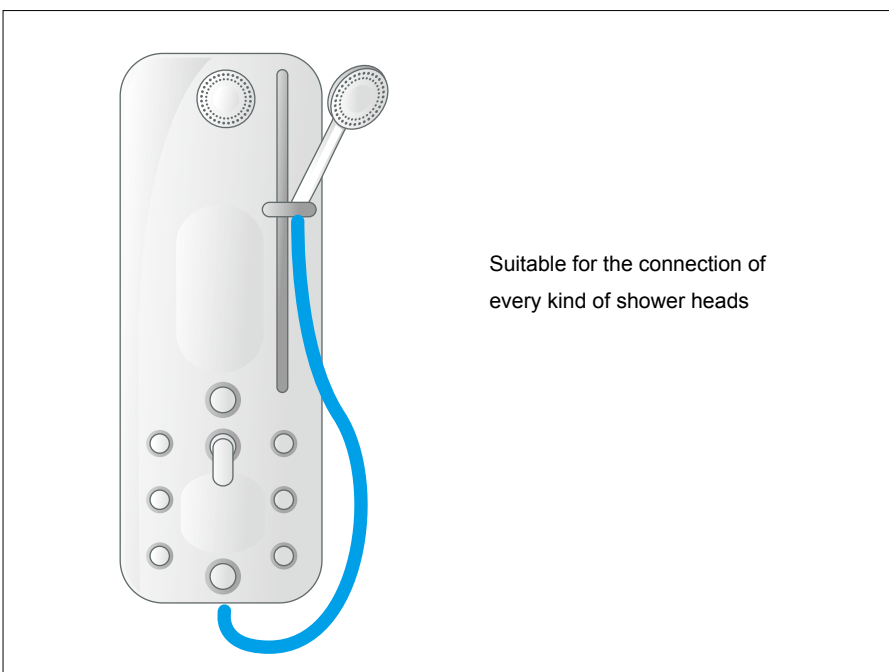


Working pressure (bar)
5

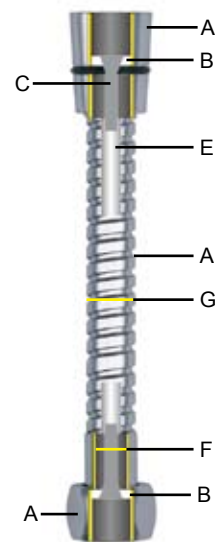


Working temperature (°C)
70

Applications



Materials



A. Chrome-plated brass

B. Plastic

C. Brass

E. PVC

F. Internal diameter \varnothing 7.4mm

G. External diameter \varnothing 14mm

Range

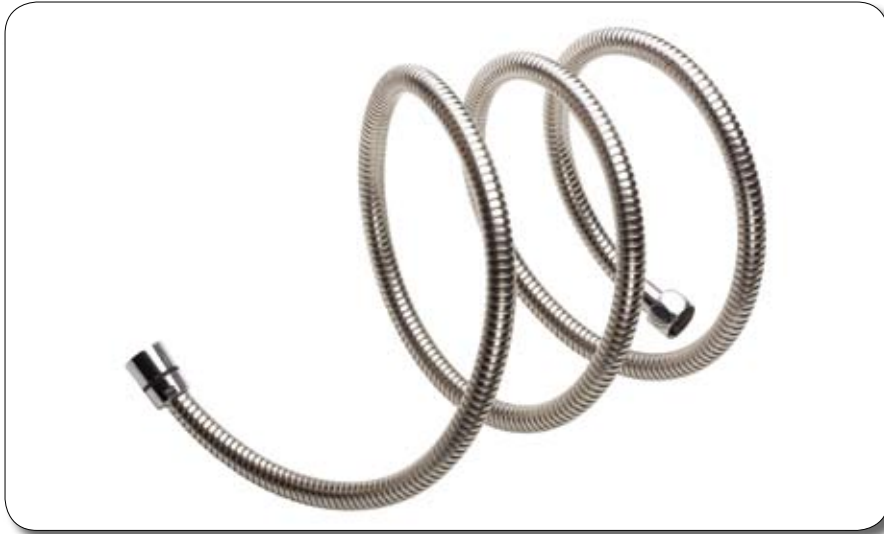
Designation	Dimension	Code		Code	Dimension	Designation
Rounded Nut	1/2"	G		G	1/2"	Conical nut

Shower Hoses

Certified Double-lock Shower Hoses in Stainless Steel



TUCAI offers certified double-lock shower hoses in stainless steel, with available lengths 1500mm, 1750mm & 2000mm.



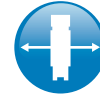
Technical Specifications



Inner diameter (mm)
7.4



Outer diameter (mm)
14



Fitting inner diameter (mm)
6.2



Flow rate at 3 bar (lit/min)
26



Minimum bending radius (mm)
37

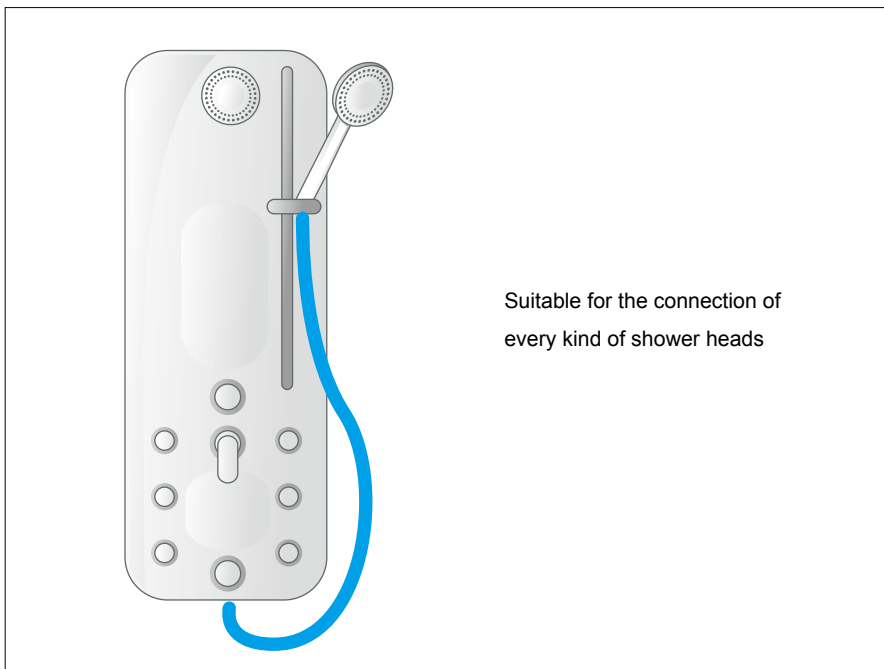


Working pressure (bar)
5

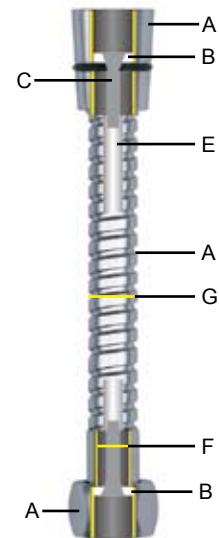


Working temperature (°C)
70

Applications



Materials



A. Chrome-plated brass

B. Plastic

C. Brass

E. PVC

F. Internal diameter \varnothing 7.4mm

G. External diameter \varnothing 14mm

Range

Designation	Dimension	Code		Code	Dimension	Designation
Rounded Nut	1/2"	G		G	1/2"	Conical nut

PVC Reinforced Tube PVC



ACS certified PVC hoses, specially designed for connections in shower cabin; available from 6mm to 13mm.



Technical Specifications



Minimum bending radius (mm)

20



Working pressure (bar)

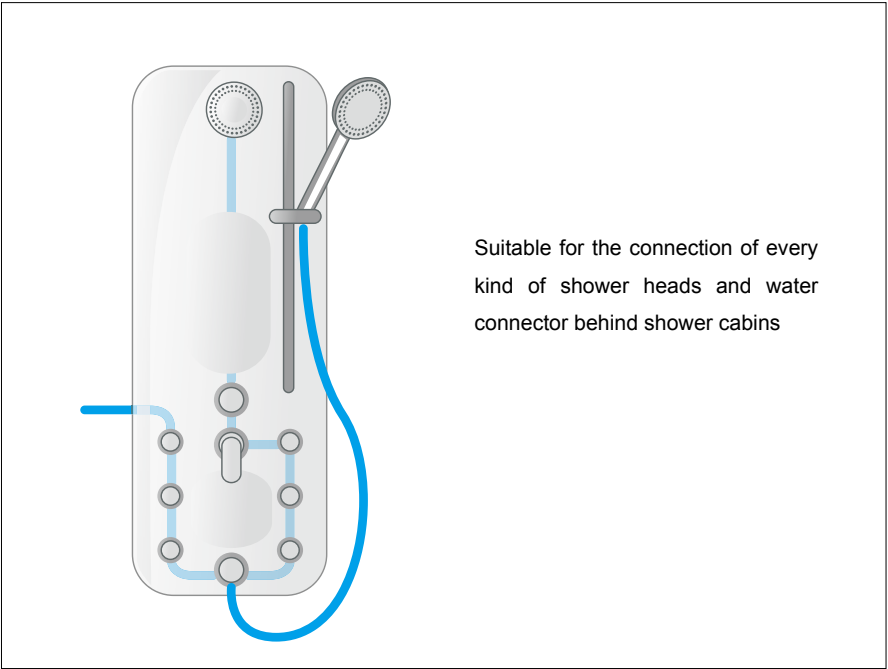
5



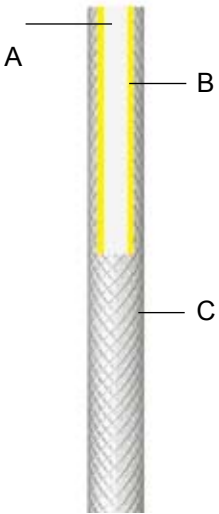
Working temperature (°C)

70

Applications



Materials



- A. PVC
- B. Braided fibre
- C. PVC



STAINLESS STEEL GAS CONNECTORS

Stainless Steel Corrugated Gas Connectors

DN12 / DN20 / DN25

PRESINOX EXTENSIBLE RANGE



PRESINOX Extensible is a range of extensible flexible metal hoses for the fixed gas appliances. Due to its 70% extensible length the hose can be adjusted to any installation. This range is suitable for gas of 1st, 2nd and 3rd family.



Technical Specifications

DN12 / DN20 / DN25



Inner diameter (mm)
12 / 20 / 25



Outer diameter (mm)
18 / 27 / 35



Minimum bending radius (mm)
30 / 45 / 65

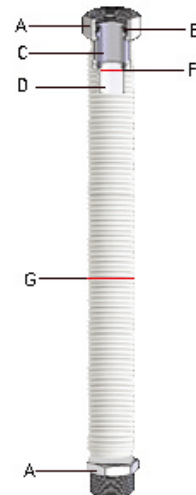


Working pressure (bar)
0.4



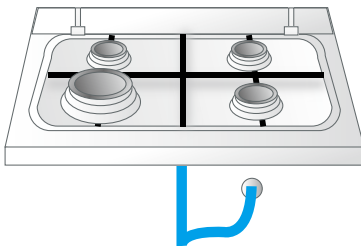
Maximum length (mts)
0.8-1.35

Materials



- A. Nickel-plated brass
- B. Incorporated joints
- C. Stainless steel wires AISI304
- D. Stainless steel AISI316
- E. PE heat shrink tubing for DN12-DN20
(DN 25 on request only)
- F. Internal diameter \varnothing 12/20/25 mm
- G. External diameter \varnothing 18/27/35 mm

Applications



Recommended for the connection of fixed gas appliances: heaters, boilers, hot-plates, etc.

Range

Designation	Dimension	Code		Code	Dimension	Designation
Nut	1/2"	H(G)		H(G)	1/2"	Nut
Nut	1/2"	H(G)		M	1/2"	Male fitting
Nut	3/4"	H(G)		H(G)	3/4"	Nut
Nut	3/4"	H(G)		M	3/4"	Male fitting
Nut	1"	H(G)		H(G)	1"	Nut
Nut	1"	H(G)		M	1"	Male fitting

Stainless Steel Braided Gas Connectors DN8 / DN13 TUGAS



TUGAS is designed for the connections of fixed gas applications: heaters, boilers. This range is available with 3/8", 1/2", 3/4" nut, and 3/8", 1/2", 3/4" male fittings, length upon request.



Technical Specifications

DN8 / DN13



Inner diameter (mm)
8 / 13



Outer diameter (mm)
12 / 19



Fitting inner diameter (mm)
6 / 10.5



Minimum bending radius (mm)
30 / 45



Working pressure (bar)
6 / 6

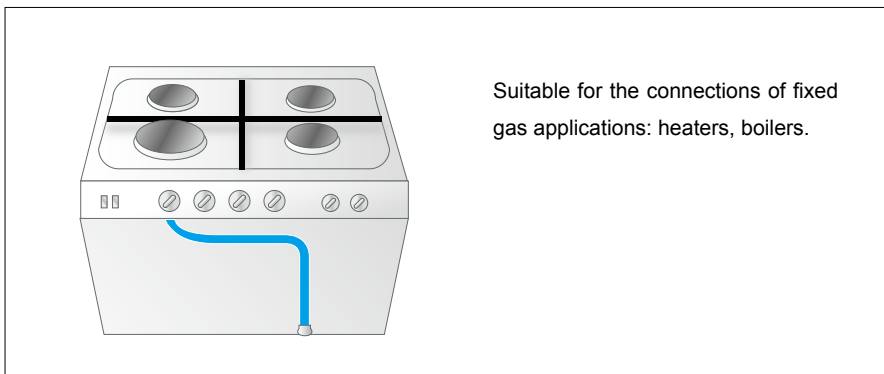


Working temperature (°C)
100 / 100

Life time: **5 years**

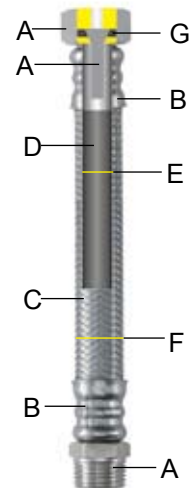
Materials

Applications



Range

Designation	Dimension	Code		Code	Dimension	Designation
Nut	3/8"	H(G)		H(G)	3/8"	Nut
Nut	3/8"	H(G)		M	3/8"	Male fitting
Nut	1/2"	H(G)		M	1/2"	Male fitting
Nut	1/2"	H(G)		H(G)	1/2"	Nut
Nut	3/4"	H(G)		H(G)	3/4"	Nut
Nut	3/4"	H(G)		M	3/4"	Male fitting



A. Nickel-plated brass

B. Stainless steel AISI304

C. Stainless steel wires AISI304

D. NBR rubber

E. Internal diameter ø 8 / 13mm

F. External diameter ø 12 / 19mm

G. NBR rubber

Metal Hoses Gas Connectors

DN8 / DN12 PRESINOX 14800



PRESINOX 14800 range has been designed for use as a household gas hose to connect gas appliances: cookers, hot plates, heaters. High safety multi-layer connector.



Technical Specifications

DN8 / DN12



Inner diameter (mm)
8 / 12



Outer diameter (mm)
16 / 20



Fitting inner diameter (mm)
6 / 9.5

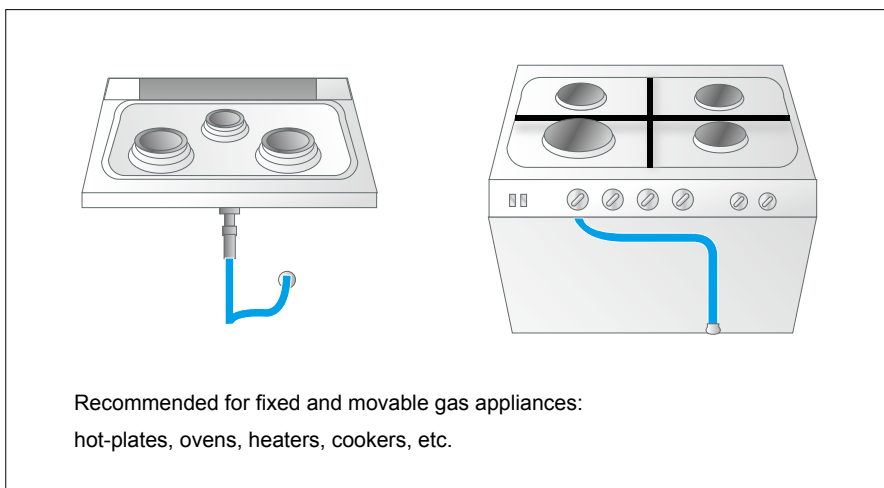


Minimum bending radius (mm)
Type 1 Non restricted bending radius



Working pressure (bar)
0.5

Applications



Materials

Multi-layer hose:

- Highly flexible pressure-tight 1.4401 Stainless Steel corrugated inner hose.
- 1.4301 Stainless Steel protection braiding.
- PVC protective cover, easy-to-clean.
- Stainless Steel sleeves.

Range

Fittings	Male and female fittings
Available lengths	500/750/1000/1250/1500/2000 mm



**FLEXIBLE CONNECTORS
INDUSTRIAL APPLICATIONS**

Metallic Connectors

RIVER INOX



River Inox is a quick boiler conversion kit specifically designed for plumbers and boiler installers, with the advantage that the installation can be adapted individually to each case. The differences of the height and length can be easily adjusted. The PVC film that lines the AISI 304 stainless steel corrugated tube protects the installation against the corrosion that could occur if the boiler is installed in an atmosphere contaminated with chlorinated or fluorinated compounds. The kit consists of tubes 1/2", 3/4" with 500 mm for sanitary water and heating systems; full set of fittings are supplied.



Technical Specifications



Inner diameter (mm)

12/16



Minimum bending radius (mm)

30/40



Working pressure (bar)

10/10



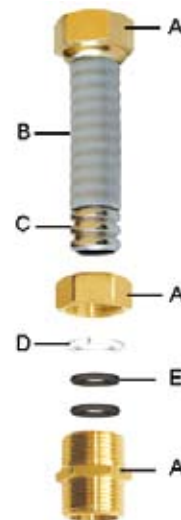
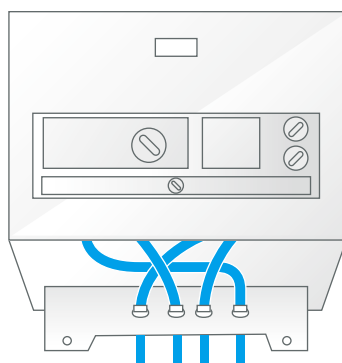
Working temperature (°C)

95/95

Materials

Applications

Recommended for connections of appliances requiring electric lagging



- A. Brass
- B. PVC
- C. Stainless steel AISI 304
- D. Plastic ring
- E. EPDM

Range 产品类型

Designation	Dimension	Code		Code	Dimension	Designation
Nut	1/2", 3/4"	H(G)		M	1/2", 3/4"	Male fitting

Stainless Steel Braided Connectors DN15 TAQ SUPER 15



TAQ SUPER 15 is designed for heaters, boilers & air-conditioning connections. Available with nuts, male fittings & elbows of 1/2" & 3/4"; length upon request.



Technical Specifications



Inner diameter (mm)
15



Outer diameter (mm)
22



Fitting inner diameter (mm)
11.5



Flow rate at 3 bar (lit/min)
95



Minimum bending radius (mm)
55

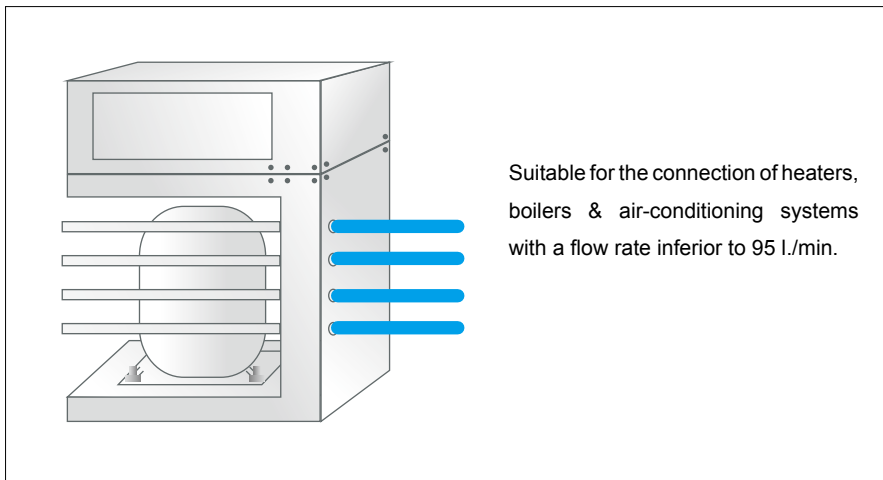


Working pressure (bar)
10

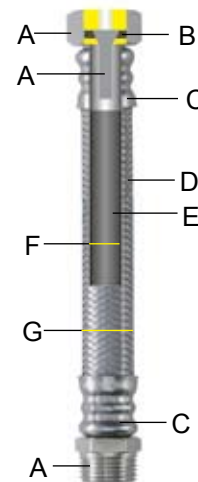


Working temperature (°C)
90

Applications



Materials



- A. Nickel-plated brass
- B. Incorporated EPDM
- C. Stainless steel AISI304
- D. Stainless steel wires AISI304
- E. EPDM
- F. Internal diameter \varnothing 15mm
- G. External diameter \varnothing 22mm

Range

Designation	Dimension	Code		Code	Dimension	Designation
Nut	1/2", 3/4"	H(G)		H(G)	1/2", 3/4"	Nut
Male fitting	1/2", 3/4"	M		H(G)	1/2", 3/4"	Nut
Nut	1/2", 3/4"	H(G)		CODO H	1/2", 3/4"	Elbow fitting
Male fitting	1/2", 3/4"	M		CODO H(G)	1/2", 3/4"	Elbow fitting

Stainless Steel Braided Connectors DN19 TAQ EXTRA



TAQ EXTRA DN 19 is designed for the connection of heaters and air-conditioning. This range is available with 3/4" nut, 3/4" male fitting and 3/4" elbow; length upon request.



Technical Specifications



Inner diameter (mm)
19



Outer diameter (mm)
27



Fitting inner diameter (mm)
15



Flow rate at 3 bar (lit/min)
120



Minimum bending radius (mm)
70

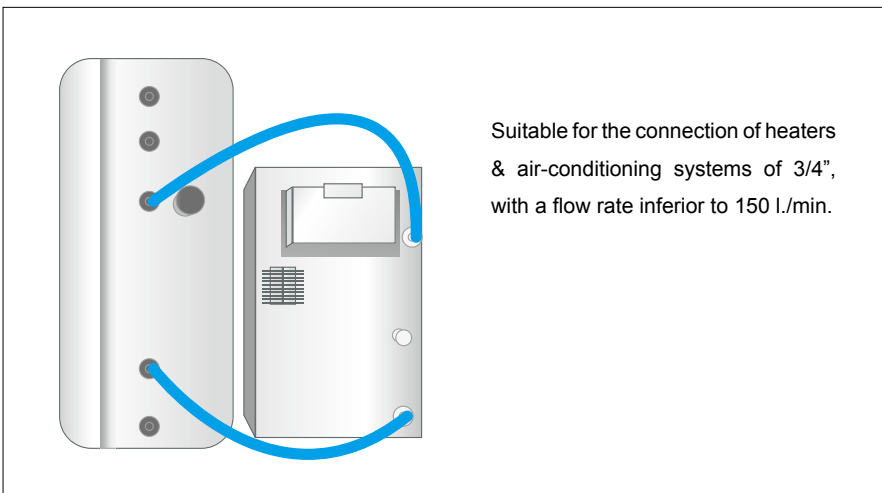


Working pressure (bar)
10

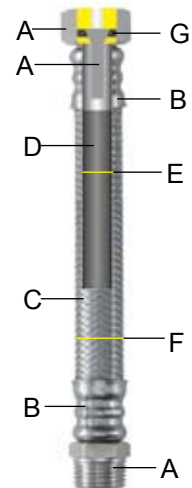


Working temperature (°C)
90

Applications



Materials



- A. Nickel-plated brass
- B. Stainless steel AISI304
- C. Stainless steel wires AISI304
- D. EPDM
- E. Internal diameter \varnothing 19mm
- F. External diameter \varnothing 27mm
- G. EPDM

Range

Designation	Dimension	Code		Code	Dimension	Designation
Male fitting	3/4"	M		H(G)	3/4"	Nut
Nut	3/4"	H(G)		H(G)	3/4"	Nut
Male fitting	3/4"	M		CODO H	3/4"	Elbow fitting
Nut	3/4"	H(G)		CODO H	3/4"	Elbow fitting








Stainless Steel Braided Connectors DN25 TAQ EXTRA



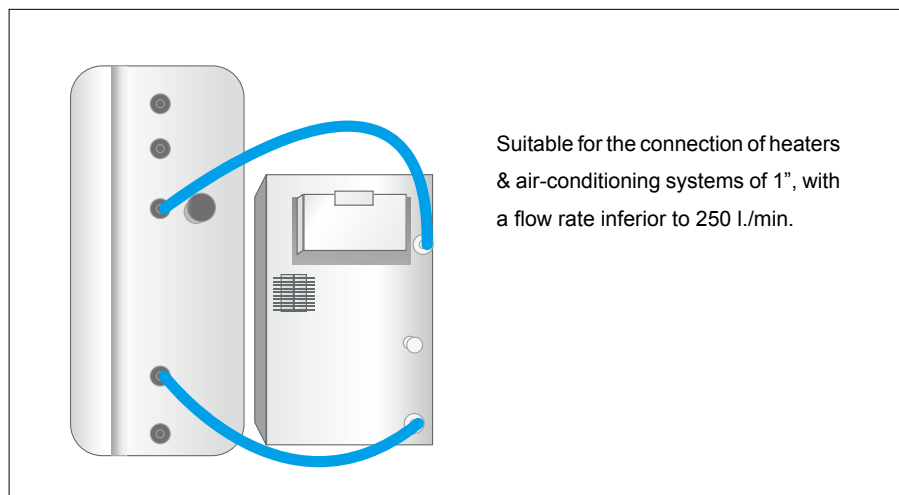
TAQ EXTRA DN 25 is designed for the connection of heaters and air-conditioning. This range is available with 1" nut, 1" male fitting and 1" elbow; length upon request.



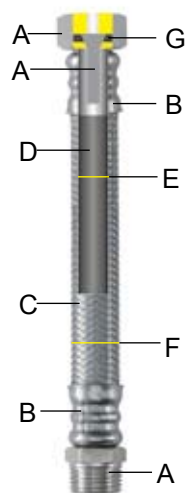
Technical Specifications

-  Inner diameter (mm)
25
-  Outer diameter (mm)
33
-  Fitting inner diameter (mm)
20
-  Flow rate at 3 bar (lit/min)
200
-  Minimum bending radius (mm)
100
-  Working pressure (bar)
10
-  Working temperature (°C)
90

Applications







Materials



- A. Nickel-plated brass
- B. Stainless steel AISI304
- C. Stainless steel wires AISI304
- D. EPDM
- E. Internal diameter \varnothing 25mm
- F. External diameter \varnothing 33mm
- G. EPDM

Range

Designation	Dimension	Code		Code	Dimension	Designation
Male fitting	1"	M		H(G)	1"	Nut
Nut	1"	H(G)		H(G)	1"	Nut
Male fitting	1"	M		CODO H	1"	Elbow fitting
Nut	1"	H(G)		CODO H	1"	Elbow fitting

Stainless Steel Braided Connectors DN30 TAQ EXTRA



TAQ EXTRA DN 30 is designed for the connection of heaters and air-conditioning. This range is available with 1¼" nut, 1¼" male fitting; length upon request.



Technical Specifications



Inner diameter (mm)
30



Outer diameter (mm)
42



Fitting inner diameter (mm)
25



Flow rate at 3 bar (lit/min)
400



Minimum bending radius (mm)
190

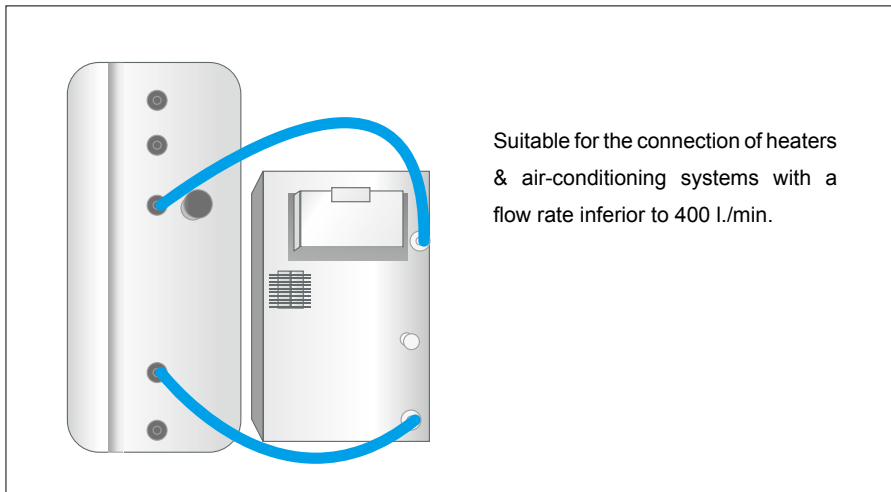


Working pressure (bar)
9

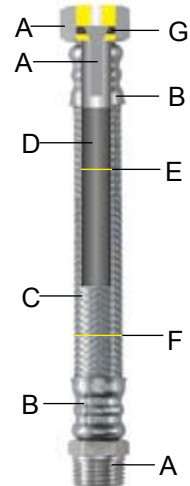


Working temperature (°C)
90

Applications



Materials



- A. Brass
- B. Stainless steel AISI304
- C. Stainless steel AISI304
- D. EPDM
- E. Internal diameter \varnothing 30mm
- F. External diameter \varnothing 42mm
- G. EPDM

Range

Designation	Dimension	Code		Code	Dimension	Designation
Male fitting	1¼"	M		H(G)	1¼"	Nut
Nut	1¼"	H(G)		H(G)	1¼"	Nut

Stainless Steel Braided Connectors DN40 TAQ EXTRA



TAQ EXTRA DN 40 is designed for the connection of heaters and air-conditioning. This range is available with 1½" nut, 1½" male fitting; length upon request.



Technical Specifications



Inner diameter (mm)
40



Outer diameter (mm)
52



Fitting inner diameter (mm)
32



Flow rate at 3 bar (lit/min)
700



Minimum bending radius (mm)
230

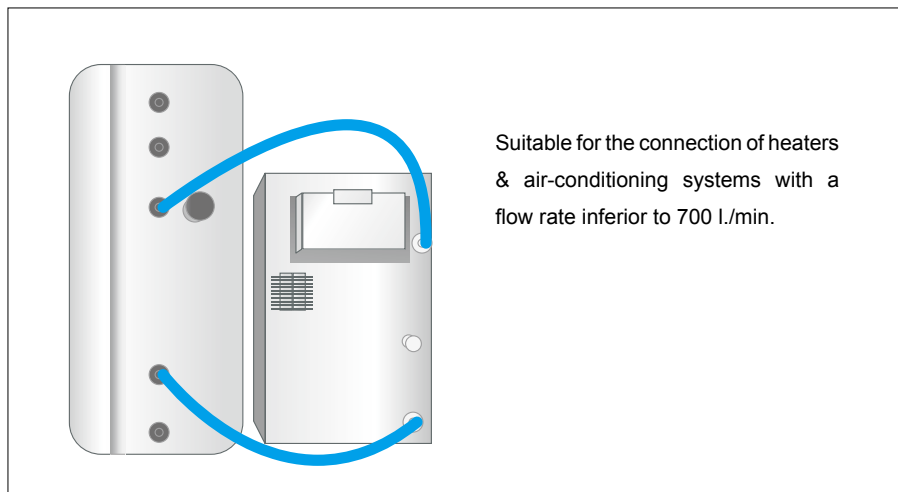


Working pressure (bar)
8

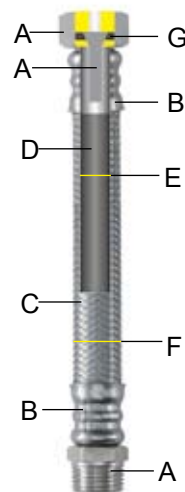


Working temperature (°C)
90

Applications



Materials



- A. Brass
- B. Zinc-coated Steel
- C. Stainless steel wires AISI304
- D. EPDM
- E. Internal diameter \varnothing 40mm
- F. External diameter \varnothing 52mm
- G. EPDM

Range

Designation	Dimension	Code		Code	Dimension	Designation
Male fitting	1½"	M		H(G)	1½"	Nut
Nut	1½"	H(G)		H(G)	1½"	Nut

Stainless Steel Braided Connectors DN50 TAQ EXTRA



TAQ EXTRA DN 50 is designed for the connection of heaters and air-conditioning. This range is available with 2" nut, 2" male fitting; length upon request.



Technical Specifications



Inner diameter (mm)
50



Outer diameter (mm)
62



Fitting inner diameter (mm)
40



Flow rate at 3 bar (lit/min)
1050



Minimum bending radius (mm)
300

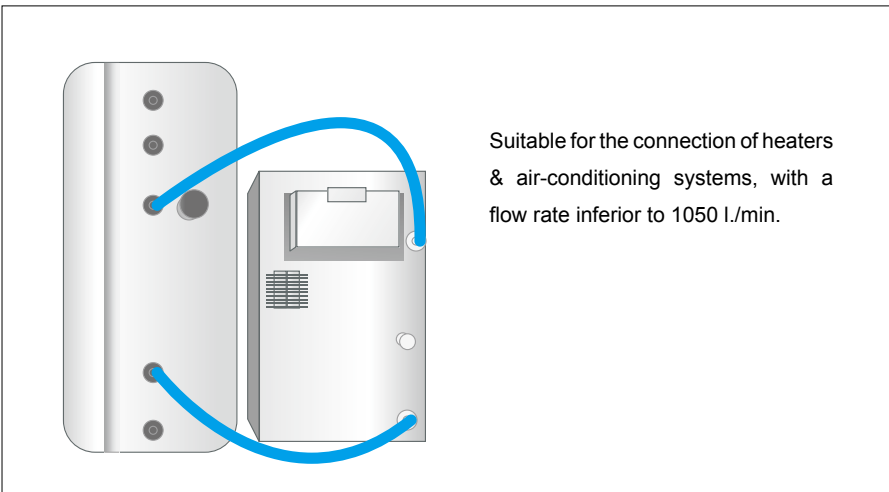


Working pressure (bar)
7

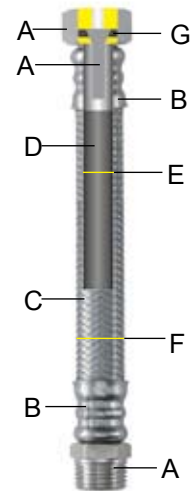


Working temperature (°C)
90

Applications



Materials



- A. Brass
- B. Zinc-coated Steel
- C. Stainless steel wires AISI304
- D. EPDM
- E. Internal diameter \varnothing 50mm
- F. External diameter \varnothing 62mm
- G. EPDM

Range

Designation	Dimension	Code		Code	Dimension	Designation
Male fitting	2"	M		H(G)	2"	Nut
Nut	2"	H(G)		H(G)	2'	Nut

Galvanized Steel Braided Connectors DN19 RIVER



DN19 RIVER is designed for pumps and other industrial applications. With the galvanized steel braiding, the installations require special supervision in order to be able to detect any deterioration of braiding by corrosive agents. This range is available with 3/4" nut, 3/4" male fitting & 3/4" elbow; length upon request.



Technical Specifications



Inner diameter (mm)
19



Outer diameter (mm)
27



Fitting inner diameter (mm)
15



Flow rate at 3 bar (lit/min)
120



Minimum bending radius (mm)
75

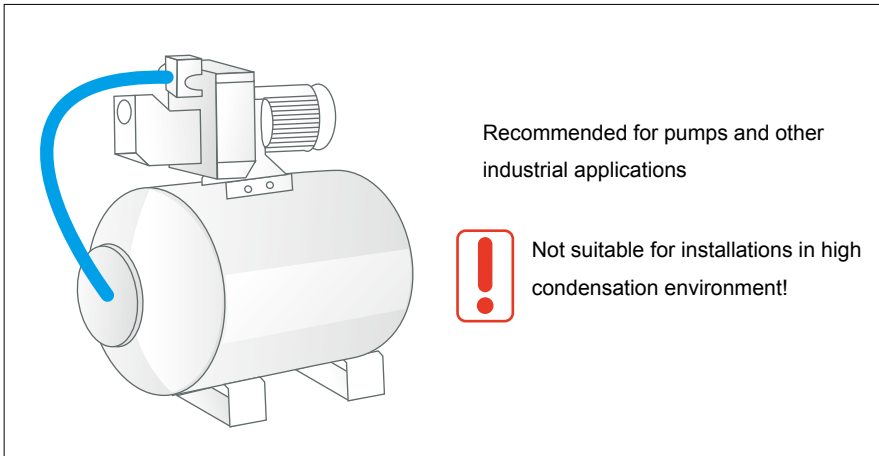


Working pressure (bar)
10

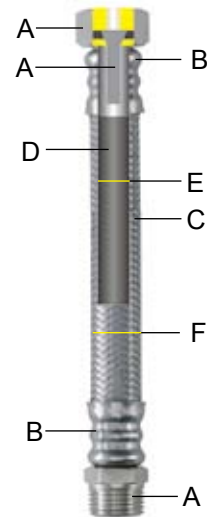


Working temperature (°C)
90

Applications



Materials



- A. Brass
- B. Stainless steel AISI304
- C. Galvanized steel
- D. EPDM
- E. Internal diameter \varnothing 19mm
- F. External diameter \varnothing 27mm

Range

Designation	Dimension	Code		Code	Dimension	Designation
Nut	3/4"	H(G)		M	3/4"	Male fitting
Nut	3/4"	H(G)		H(G)	3/4"	Nut
Elbow fitting	3/4"	H(G)		CODO H	3/4"	Elbow fitting
Elbow fitting	3/4"	M		CODO H	3/4"	Elbow fitting

Galvanized Steel Braided Connectors DN25 RIVER



DN25 RIVER is designed for pumps and other industrial applications. With the galvanized steel braiding, the installations require special supervision in order to be able to detect any deterioration of braiding by corrosive agents. This range is available with 1" nut, 1" male fitting & 1" elbow; length upon request.



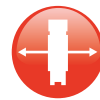
Technical Specifications



Inner diameter (mm)
25



Outer diameter (mm)
33



Fitting inner diameter (mm)
20



Flow rate at 3 bar (lit/min)
200



Minimum bending radius (mm)
100

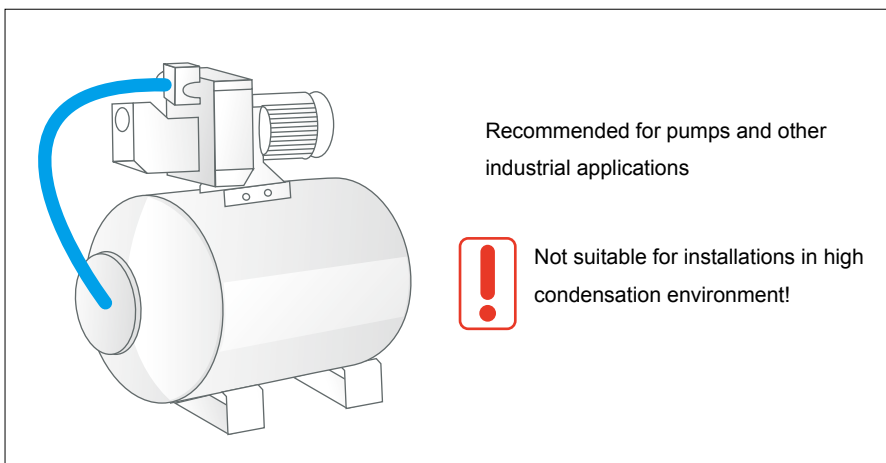


Working pressure (bar)
10

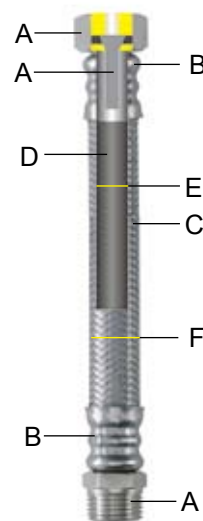


Working temperature (°C)
90

Applications



Materials



- A. Brass
- B. Stainless steel AISI304
- C. Galvanized steel
- D. EPDM
- E. Internal diameter \varnothing 25mm
- F. External diameter \varnothing 33mm

Range

Designation	Dimension	Code		Code	Dimension	Designation
Nut	1"	H(G)		H(G)	1"	Nut
Nut	1"	M		H(G)	1"	Nut
Male fitting	1"	H(G)		CODO G	1"	Elbow fitting
Male fitting	1"	M		CODO G	1"	Elbow fitting

Galvanized Steel Braided Connectors DN30 RIVER



DN30 RIVER is designed for pumps and other industrial applications. With the galvanized steel braiding, the installations require special supervision in order to be able to detect any deterioration of braiding by corrosive agents. This range is available with 1¼" nut, 1¼" male fitting; length upon request.



Technical Specifications



Inner diameter (mm)
30



Outer diameter (mm)
42



Fitting inner diameter (mm)
25



Flow rate at 3 bar (lit/min)
400



Minimum bending radius (mm)
190

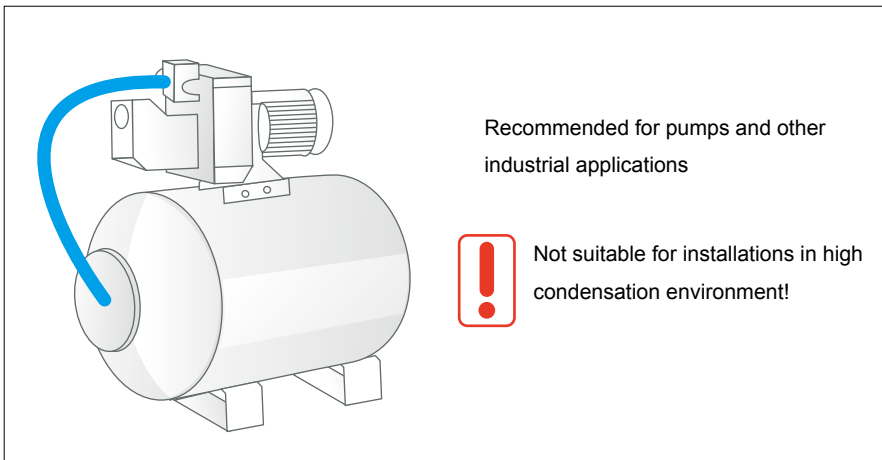


Working pressure (bar)
9

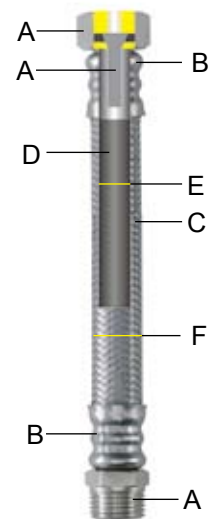


Working temperature (°C)
90

Applications



Materials



- A. Brass
- B. Stainless steel AISI304
- C. Galvanized steel
- D. EPDM
- E. Internal diameter \varnothing 30mm
- F. External diameter \varnothing 42mm

Range

Designation	Dimension	Code		Code	Dimension	Designation
Nut	1¼"	H(G)		H(G)	1¼"	Nut
Nut	1¼"	M		H(G)	1¼"	Nut

Galvanized Steel Braided Connectors DN40 RIVER



DN40 RIVER is designed for pumps and other industrial applications. With the galvanized steel braiding, the installations require special supervision in order to be able to detect any deterioration of braiding by corrosive agents. This range is available with 1½" nut, 1½" male fitting; length upon request.



Technical Specifications



Inner diameter (mm)
40



Outer diameter (mm)
52



Fitting inner diameter (mm)
32



Flow rate at 3 bar (lit/min)
700



Minimum bending radius (mm)
230

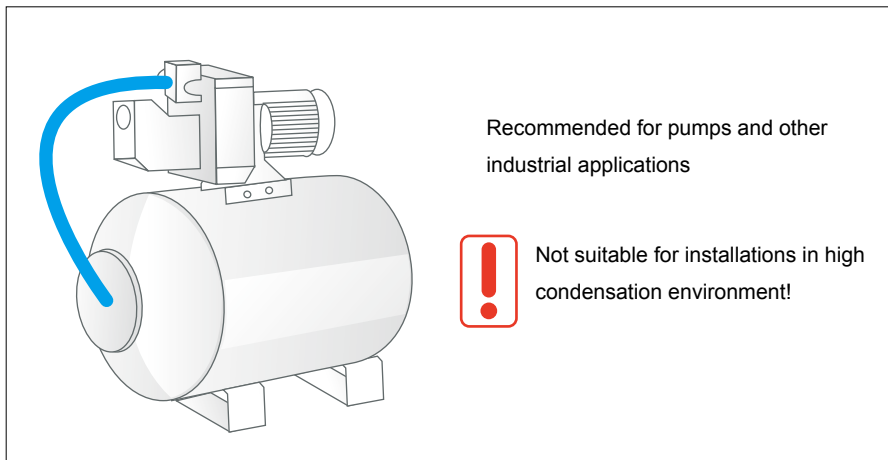


Working pressure (bar)
8

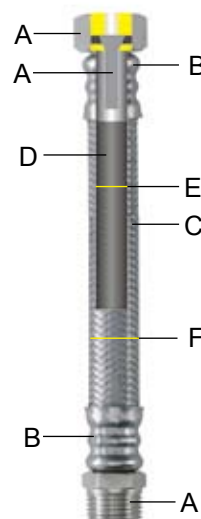


Working temperature (°C)
90

Applications



Materials



- A. Brass
- B. Zinc-coated steel
- C. Galvanized steel
- D. EPDM
- E. Internal diameter \varnothing 40mm
- F. External diameter \varnothing 52mm

Range

Designation	Dimension	Code		Code	Dimension	Designation
Nut	1½"	H(G)		H(G)	1½"	Nut
Nut	1½"	M		H(G)	1½"	Nut

Galvanized Steel Braided Connectors DN50 RIVER



DN50 RIVER is designed for pumps and other industrial applications. With the galvanized steel braiding, the installations require special supervision in order to be able to detect any deterioration of braiding by corrosive agents. This range is available with 2" nut, 2" male fitting; length upon request.



Technical Specifications



Inner diameter (mm)

50



Outer diameter (mm)

62



Fitting inner diameter (mm)

40



Flow rate at 3 bar (lit/min)

1050



Minimum bending radius (mm)

300



Working pressure (bar)

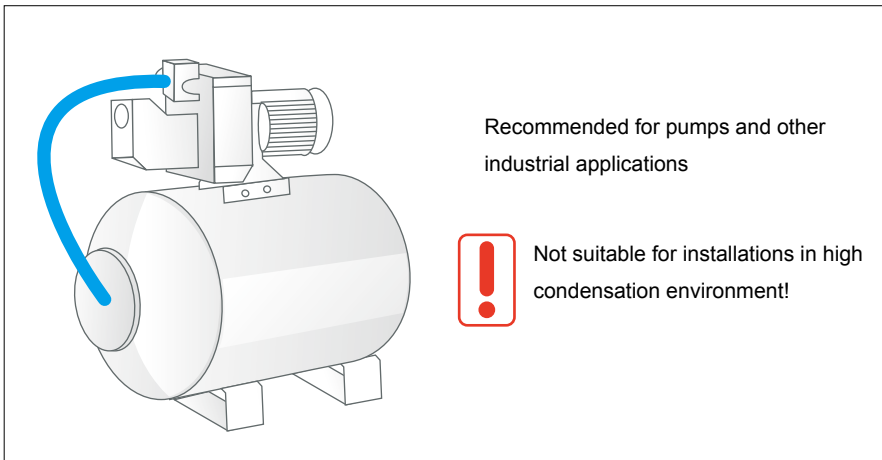
7



Working temperature (°C)

90

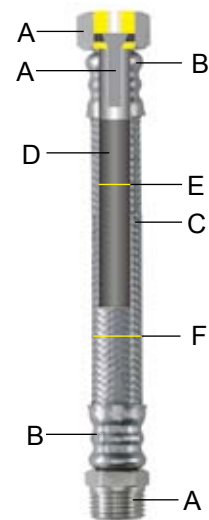
Applications



Range

Designation	Dimension	Code		Code	Dimension	Designation
Nut	2"	H(G)		H(G)	2"	Nut
Nut	2"	M		H(G)	2"	Nut

Materials



A. Brass

B. Zinc-coated steel

C. Galvanized steel

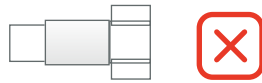
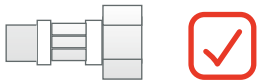
D. EPDM

E. Internal diameter \varnothing 50mm

F. External diameter \varnothing 62mm

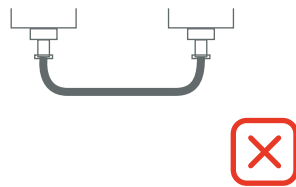
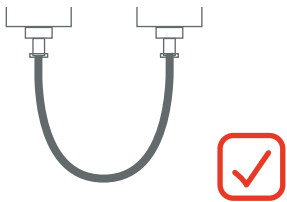
Directions For Installation

To make the best use of TUCAI products, please follow the underneath notice when installing the connectors.



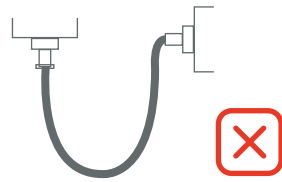
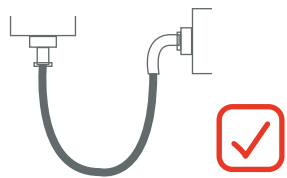
Crimped ferrule

Make sure the ferrules are crimped before installing.



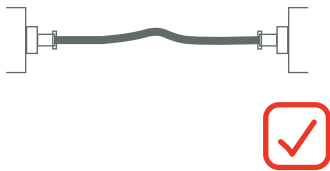
Natural bending

Respect the natural bending.



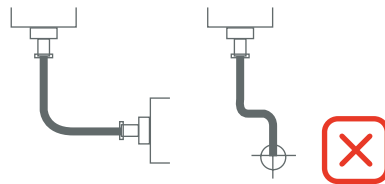
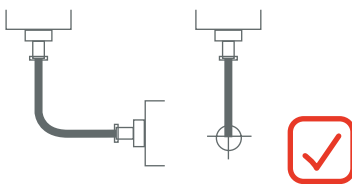
Minimum bending radius

Use elbow fittings instead, in order to avoid over-bending.



Extra length

Extra length is needed to avoid tension on fittings.



No twist

The hose should not be twisted.

Approvals

	Stainless Steel Water Flexible Connectors				Shower hoses & Connectors			Stainless Steel Gas Connectors			Flexible Connectors for Industrial Applications			
	TAQ PEX	TAQ	TAQTITE	TAQ FORTE	TAQ SUPER	PVC SUPER FLEXO REFORZ	PRESINOX EXTENSIBLE	TUGAS	PRESINOX 14800	RIVER INOX	TAQ SUPER 15	TAQ EXTRA	RIVER	TAQ RIVER
SPAIN		AENOR						AENOR						
FRANCE	CSTB ACS	CSTB ACS	CSTB ACS	CSTB ACS	ACS	ACS				ACS		CSTB		
HOLLAND	KIWA	KIWA	KIWA	KIWA										
GERMANY	DVGW KTW-A / W270											GW354 type test		
SWITZERLAND	SVGW <small>(Pending)</small>	SVGW												
UK	WRAS	WRAS	WRAS											
DENMARK	ETA VA	ETA VA			ETA									
SWEDEN	SITAC													
FINLAND	STF													
POLAND		PZH/ INSTAL		PZH/ INSTAL								PZH/ INSTAL	PZH/ INSTAL	
CHECK REP		CQ		CQ	CQ							CQ	CQ	
HUNGARY		EMI		EMI	EMI			MMBH		MBVTI				
ROMANIA		ICECON AR		ACECON AR	ICECON AR			ICECON-AR		ICECON-AR		ICECON AR		
EU														
CROACIA		BIRO		BIRO										
UKRAINE		UA		UA	UA					UA		UA	UA	UA
BELARUS										USG				
USA	NSF-61/9													
AUSTRALIA	WATERMARK													
SOUTHAFRICA		SABS												



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