AKBO

easy and reliable cleaning

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Cleaning guns

Our reliable cleaning guns are available in different materials and variants. The difference of these guns lies in the material used, size, weight and water consumption. Also available are variants with a protected trigger or a trigger at the rear of the gun. Because of these differences, there is a suitable cleaning gun for every need for the most common cleaning jobs.

AKBO cleaning guns are economical and durable, as maintenance is easy and spare parts are available. Our advice: when connecting a gun to a hose, use a swivel coupling. Then the hose will last longer and it is comfortable to work with for its user.

Below are some examples of our cleaning guns.

It is possible for us to brand products with your company logo. You can also order guns in a desired colour. This can be for promotional purposes or as a house style within your product range. This makes products very recognisable for your customers. Many of our pistols are suitable for this. Check the "Personalisation" page for more information.

Do you have any questions about our cleaning guns or would you like more information? Feel free to contact us. We are ready to answer all your questions and help you find the best cleaning gun for your application. At AKBO, we offer a large selection of cleaning guns for a wide variety of cleaning jobs.

Blue King

Comfort, durability and efficiency combined in one cleaning gun

Powerful cleaning using less water

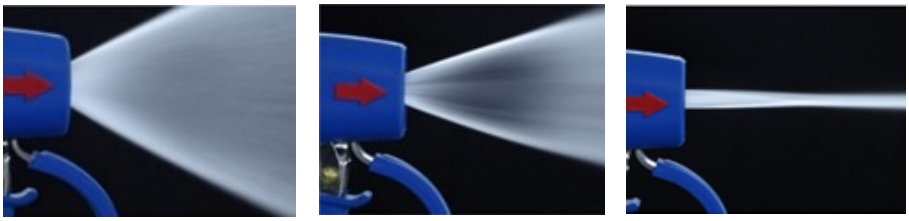
The Blue King is a superior cleaning gun with many special qualities.

With its compact size and ergonomic handle, it fits comfortably in the hand. The velvety soft rubber surface adds further comfort.

The spray pattern of the Blue King is unsurpassed. Due to be exactly positioned nozzle tip, there is a very equal distribution of water, wherein with the trigger the shape of the jet can be changed easily from a wide cone to a narrow point. A precise adjustment of spray pattern and trigger position is possible with the set screw at the rear. With the out folding clip that can be done quickly and without any tools.

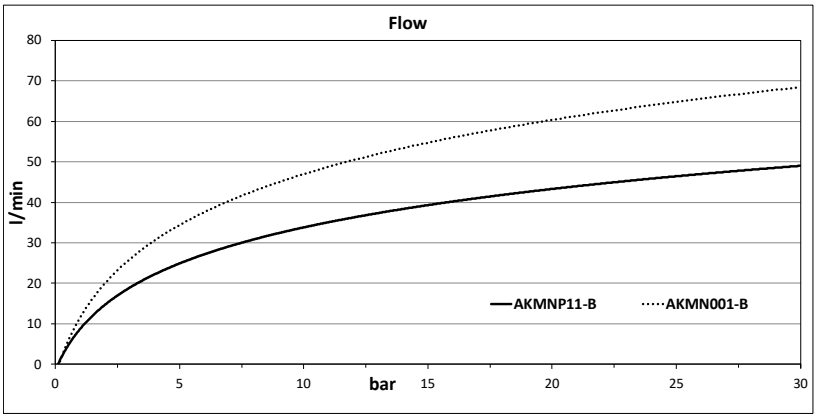
The nozzle has the revolutionary flat design from AKBO so that dripping is prevented during spraying, even with the use of the widest jet. In addition, the orifice is dimensioned such that the gun uses at least 16% less water than a regular cleaning gun.

The Blue King is available both with and without a trigger guard and is also available with a swivel coupling on the inlet. For detailed technical information, please refer to the next page.



Variable jet

Although all materials can handle temperatures up to 95ºC, special precautions are recommended if hot water is used.
The gun is not suitable for steam!



Water flow when trigger is fully squeezed, depending on pressure.

A ball bearing swivel on a gun improves user-friendliness and extends the lifespan of the hose. See the "Swivel couplings" page for more information.

Available models:

AKMN011-B

AKMNP11-B
with trigger guard

AKMNP11-B-SW12
with trigger guard and swivel 1/2" BSP fem.

All article numbers in **bold** are available from stock.

Characteristics of the Blue King

The revolutionary flat nozzle ensures a perfect spray pattern without dripping. The dimensions of the opening is sized so that the gun consumes at least 16% less water than a regular cleaning gun.

Double seal for extra security

Easy and quick nozzle and control lever adjustment without tools

Clear indication of spray direction

Clear indication of maximum pressure and temperature

Ergonomically shaped trigger with pleasant feel for the fingers

Ergonomic rubber grip with velvety soft surface

Article numbers:

AKMN011-B (basic model)

AKMNP11-B (with trigger guard)

AKMNP11-B-SW12 (with trigger guard and swivel)

Pictured is the version with AKBO logo. Also available with KING logo or with your own logo (starting from 100 pieces). See page "Personalisation" in this catalogue.

Technical data

	AKMN011-B	**AKMNP11-B / AKMNP11-B-SW12**
Body material	Brass HPb59-3	Brass HPb59-3
Trigger, pusher en trigger guard	St. st. X5CrNi18-10 (AISI 304)	St. st. X5CrNi18-10 (AISI 304)
Nozzle-pin en spring	St. st. X5CrNi17Mo-12-2 (AISI 316)	St. st. X5CrNi17Mo-12-2 (AISI 316)
Rubber casing	EPDM	EPDM
Seals	EPDM (FDA)	EPDM (FDA)
Connection	1/2" BSP female	1/2" BSP female
Maximum temperature	95 ºC	95 ºC
Maximum pressure	30 bar	30 bar
Waterflow at 4 bar	22,2 l/min	22,2 l/min
Weight	706 g	880 g / 1014 g
Dimensions	170 x 115 x 43 mm	190 x 145 x 43 mm / 210 x 145 x 43 mm

Blue Princess

Economical high-performance spray gun

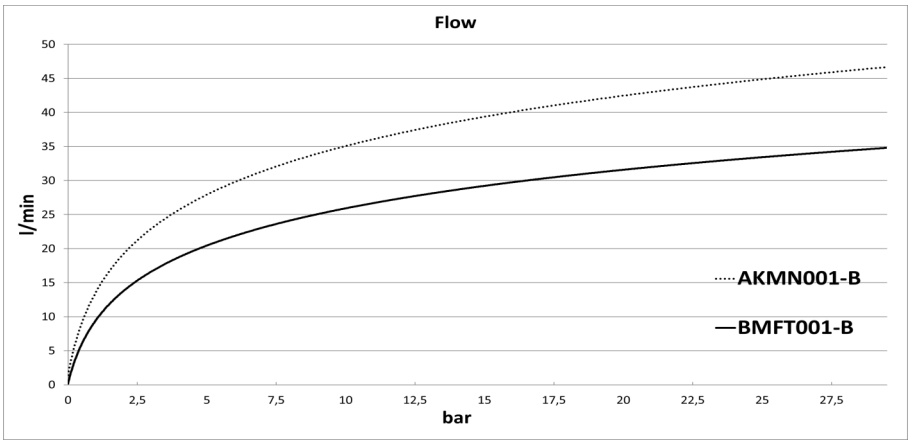
Powerful cleaning with less water

The Blue Princess is a cost-saving cleaning gun with many special features. With its low weight and compact dimensions, it is very pleasant to handle. The velvety rubber surface contributes to this. The Blue Princess is available in brass and stainless steel.

The nozzle has the new revolutionary flat AKBO design, which ensures a perfect spray pattern without dripping. Because of the precisely positioned nozzle tip, there is a very even spray pattern. With the trigger, the shape of the jet can thereby be easily and quickly changed from a wide cone to a narrow point jet.

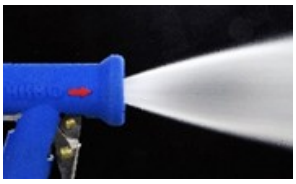
Moreover, the passage is dimensioned in such a way that the gun consumes at least 26% less water than a regular cleaning gun while maintaining high cleaning power due to its strong jet.

The version with trigger guard is now availiable (art.no. **BMFTP11-B-PRIN**).
The trigger guard prevents unintended use of the trigger and provides protection to the gun when dropped on the floor. The trigger guard is made of stainless steel and covered with EPDM coating, just like the trigger.



Water flow when trigger is fully squeezed, depending on pressure.

Variable jet



A ball bearing swivel on a gun improves user friendliness and extends the life span of the hose. See the "Swivel Couplings" page for more information.

Pictured is the version with AKBO logo.
Also available with Princess logo or with your own logo (from 200 pcs).

Available models:

Version without trigger guard

BMFT001-B in brass
BRFT001-B in stainless steel AISI 316

Version with trigger guard

BMFTP11-B-PRIN in brass

All article numbers in **bold** are available from stock.

Characteristics of the Blue Princess

Because of the precisely positioned nozzle tip, there is a very even spray pattern. The passage is dimensioned in such a way that the gun consumes at least 26% less water than a regular cleaning gun while maintaining high cleaning power due to its strong jet.

Clear indication of spray direction

Compact dimensions

145 x 94 x 45 mm and only 463 gram (version without trigger guard)

Optional with trigger guard. This protects the trigger from unintended use

The body is covered with velvety soft surface rubber

Ergonomical shaped, insulated trigger with pleasant feel for the fingers

1/2” BSP female connection

Article numbers:

- **BMFT001-B (basic model)**
- **BMFTP11-B-PRIN (with trigger guard) NEW**
- **BRFT001-B (basic model in stainless steel)**

Technical data

	BMFT001-B	**BRFT001-B**	**BMFTP11-B-PRIN NEW**
Body material	Brass HPb59-3	St.st. X5CrNiMo17-12-2 (AISI 316)	Brass HPb59-3
Trigger, pusher, guard	St.st. X5CrNi18-10 (AISI 304)	St.st. X5CrNi18-10 (AISI 304)	St.st. X5CrNi18-10 (AISI 304)
Nozzle-pen and spring	St.st. X5CrNiMo17-12-2 (AISI 316)	St.st. X5CrNiMo17-12-2 (AISI 316)	St.st. X5CrNiMo17-12-2 (AISI 316)
Rubber casing	EPDM	EPDM	EPDM
Seals	EPDM (FDA)	Viton (FDA)	EPDM (FDA)
Connection	1/2” BSP female	1/2” BSP female	1/2” BSP female
Maximum temperature	95 °C	95 °C	95 °C
Maximum pressure	25 bar	25 bar	25 bar
Waterflow at 4 bar	19,0 l/min	19,0 l/min	19,0 l/min
Weight	463 g	480 g	590 g
Dimensions	145 x 94 x 45 mm	145 x 94 x 45 mm	162 x 122 x 45 mm

Basic brass cleaning gun

Available in 6 colours

These brass cleaning guns are suitable for everyday cleaning jobs. They offer and good grip and have a hefty flow rate to easily clean the working environment quickly. By choosing this gun, you are also making an economically sensible choice.

Technical specifications

- Solid brass body
- Strong rubber jacket with good resistance to animal fats (including chicken fat)
- Double internal EPDM (FDA) seals for extra security
- Available in 6 colours
- Trigger and pusher in stainless steel
- 1/2” BSP female thread connection
- Maximum temperature 95 ºC (200 ºF)
- Maximum pressure 24 bar (350 psi)
- Weight 840 g
- Steplessly adjustable spray pattern by trigger

Arrow for jet direction

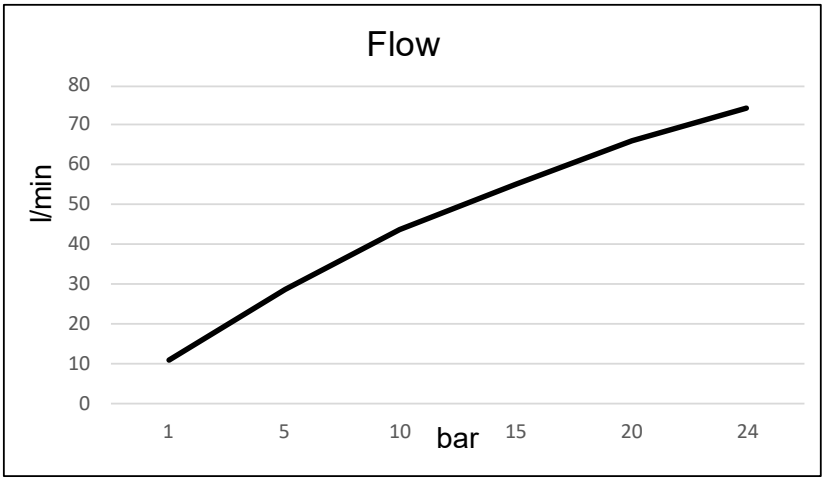
Available models:

KLMN001-BL (black)
KLMN001-W (white)
KLMN001-B (blue)
KLMN001-G (green)
KLMN001-R (red)
KLMN001-Y (yellow)

All article numbers in **bold** are available from stock.

Although all materials can handle temperatures up to 95ºC, special precautions are recommended if hot water is used.

The gun is not suitable for steam!



Water flow when trigger is fully squeezed, depending on pressure

Variable jet

A ball bearing swivel on a gun improves user-friendliness and extends the lifespan of the hose. See the "Swivel couplings" page for more information.

It is possible to order a cleaning gun with your own logo (from 200 pieces), see page “Personalisation” in this catalogue.

Brass cleaning guns

With non-slip handle and rubber-insulated stainless steel trigger

Available in 6 colours

Our best-selling brass gun, which is available in various colours, in a blue version with trigger guard and also available with pre-mounted swivel coupling. For detailed technical information, please refer to the next page.

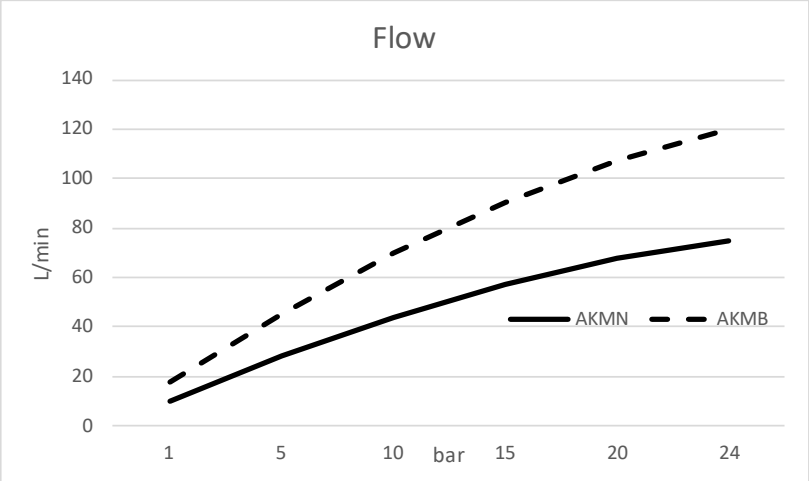
- Solid brass casing
- Strong rubber jacket with good resistance to animal fats (incl. chicken fat)
- Insulated trigger for increased grip, comfort and protection against high temperatures
- Double internal seals for extra security
- Continuously adjustable spray pattern by trigger
- Available in 6 colours

A ball bearing swivel on a gun improves user friendliness and extends the life span of the hose. See the "Swivel Couplings" page for more information.

Variable jet

Although all materials can handle temperatures up to 95ºC, special precautions are recommended if hot water is used.

The gun is not suitable for steam!



Water flow when trigger is fully squeezed, depending on pressure.

It is possible to order a pistol with your own logo (from 200 pieces).

Available models:

AKMN001-B (blue)
AKMN001-R (red)
AKMN001-Y (yellow)
AKMN001-G (green)
AKMN001-W (white)
AKMN001-BL (black)

AKMNP01-B
With trigger guard

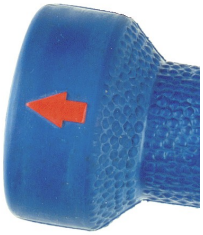
AKMNP01-B-SW12
With ball bearing swivel 1/2" BSP female

AKMNP01-B-SW34
With ball bearing swivel 3/4" BSP female

All article numbers in **bold** are available from stock.

Features of the brass cleaning gun

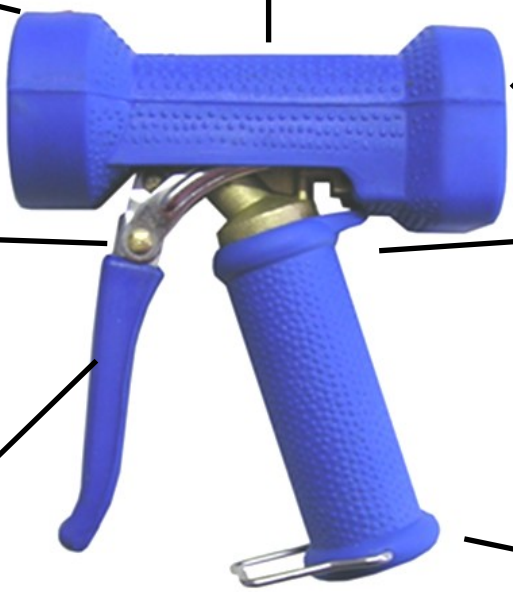
Stainless steel nozzle shaft with two O-rings and stainless steel spring



Clear indication of spray direction

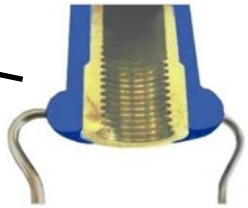
Simple and quick nozzle adjustment

Reinforced stainless steel pusher



Grip with protective lip

Trigger insulation made of EPDM rubber



Non-slip and thickened grip for better insulation

These features can also be found on cleaning guns from the

- **AKCN -series chrome plated brass**
- **AKRN -series stainless steel (AISI 316)**
- **AKMB -series brass high flow rate**
- **AKRB -series stainless steel high flow rate**

Technical data

	AKMN001-B / AKMNP01-B	**AKMP01-B-SW12 / AKMP01-B-SW34**
Body material	Brass HPb59-3	Brass HPb59-3
Trigger, pusher and trigger guard	Stainless steel X5CrNi18-10 (AISI 304)	Stainless steel X5CrNi18-10 (AISI 304)
Nozzle shaft and spring	Stainless steel X5CrNi17Mo-12-2 (AISI 316)	Stainless steel X5CrNi17Mo-12-2 (AISI 316)
Rubber casing	EPDM	EPDM
Seals	EPDM (FDA)	EPDM (FDA)
Connection	1/2” BSP Female	1/2” BSP female / 3/4” BSP female
Maximum temperature	95 ºC	95 ºC
Maximum pressure	24 bar	24 bar
Waterflow at 5 bar	28 l/min	28 l/min
Weight	835 g / 1031 g	1084 g / 1114 g
Dimensions	145 x 56 x 165 mm / 195 x 56 x 165 mm	195 x 56 x 165 mm / 200 x 56 x 165 mm

It is possible to order a pistol with your own logo (from 200 pieces), see page “Personalisation”.

Chrome-plated brass cleaning guns

With non-slip handle and rubber-insulated stainless steel trigger

This brass gun is coated with a protective layer of chrome. It is available in blue, in a white or blue version with trigger guard and also available with pre-mounted swivel coupling. And if you need a version with NPT female connection, you can contact us. For detailed technical information, please refer to the next page.

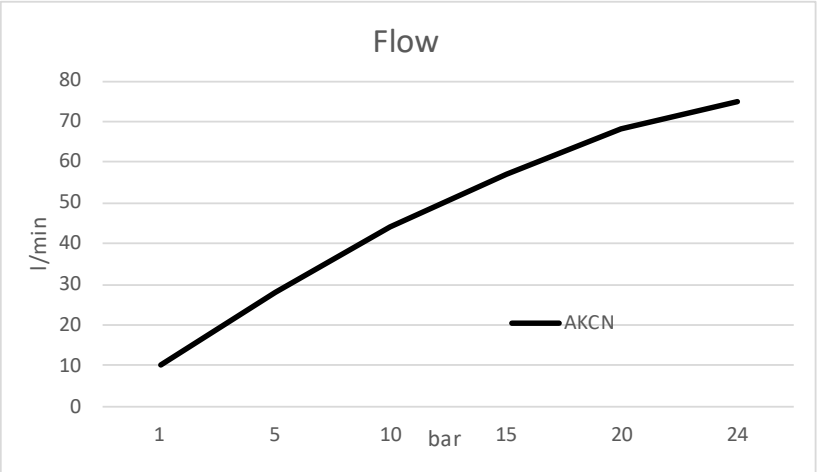
- Solid brass body, coated with chrome
- Strong rubber cover with good resistance to animal fats (including chicken fat)
- Insulated trigger for increased grip, comfort and protection against high temperatures
- Double internal seals for additional security
- Continuously adjustable spray pattern via trigger

A ball bearing swivel on a gun improves user friendliness and extends the life span of the hose. See the "Swivel Couplings" page for more information.

Variable jet

Although all materials can handle temperatures up to 95ºC, special precautions are recommended if hot water is used.

The gun is not suitable for steam!



Water flow when trigger is fully squeezed, depending on pressure

It is possible to order a cleaning gun with your own logo (from 200 pieces), see page "Personalisation".

Available models:

AKCN001-B (blue)

AKCNP01-B
blue with trigger guard

AKCNP01-W
white with trigger guard

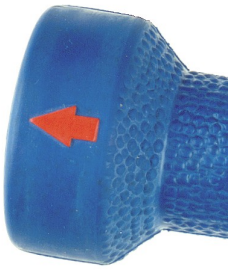
AKCNP01-W-U
white with trigger guard and 1/2"NPT female

AKCNP01-B-SW12 (blue)
with swivel 1/2" BSP female

AKCNP01-W-SW12 (white)
with swivel 3/4" BSP female

All article numbers in **bold** are available from stock.

Features of the chrome-plated brass cleaning gun



Clear indication of jet direction

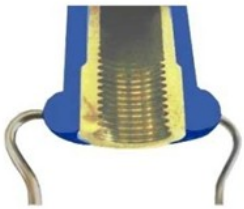
Stainless steel nozzle shaft with two O-rings and stainless steel spring

Easy and quick nozzle adjustment

Reinforced stainless steel pusher

Grip with protective lip

Trigger insulation made of EPDM rubber



Non-slip and thickened grip for better insulation

These features can also be found on cleaning guns from the

- **AKMN- series brass**
- **AKRN- series stainless steel (AISI 316)**
- **AKMB- series brass high flow rate**
- **AKRB- series stainless steel (AISI 316) high flow rate**

Technical data

	AKCN001-B / AKCNP01-B/W/W-U*	**AKCNP01-B/W-SW12**
Body material	Brass HPb59-3 + Cr layer	Brass HPb59-3 + Cr layer
Trigger, pusher and trigger guard	St.st. X5CrNi18-10 (AISI 304)	St.st X5CrNi18-10 (AISI 304)
Nozzle shaft and spring	St. st X5CrNi17Mo-12-2 (AISI 316)	St.st X5CrNi17Mo-12-2 (AISI 316)
Rubber casing	EPDM	EPDM
Seals	EPDM (FDA)	EPDM (FDA)
Connection	1/2” BSP fem. thread / W-U* =1/2” NPT fem. thread	1/2” BSP female thread
Maximum temperature	95 ºC	95 ºC
Maximum pressure	24 bar	24 bar
Waterflow at 5 bar	28 l/min	28 l/min
Weight	867 g / 1016 g	1110 g
Dimensions	145 x 56 x 165 mm / 195 x 56 x 165 mm	195 x 56 x 165 mm

It is possible to order a cleaning gun with your own logo (from 200 pieces).

Stainless steel cleaning guns (AISI 316)

With non-slip handle and rubber insulated stainless steel trigger

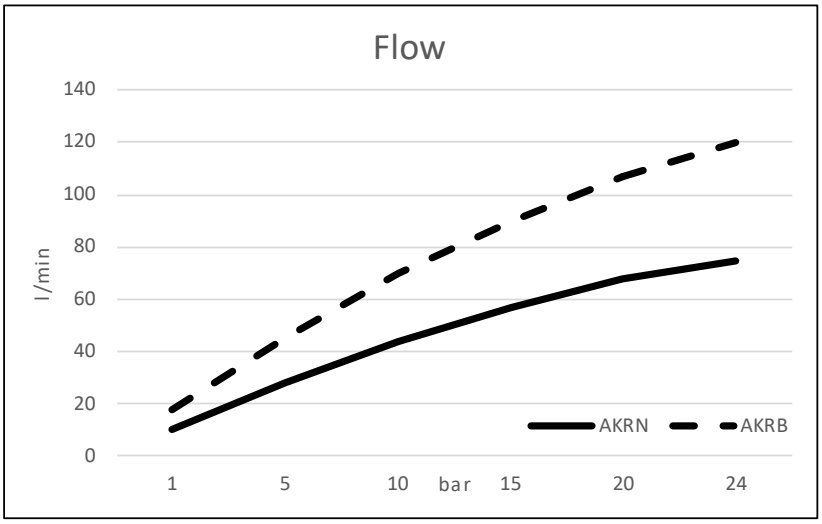
These versatile stainless steel cleaning guns are available with and without stainless steel trigger guard and in blue and white colours. A gun with NPT female thread connection is also an option. They comply with FDA and are therefore extremely suitable for use in food environments. For detailed technical information, please refer to the next page.

- Sturdy stainless steel housing
- Strong rubber cover with good resistance to animal fats (including chicken fat)
- Insulated trigger for increased grip, comfort and protection against high temperatures
- Double internal seals for extra security
- Continuously adjustable spray pattern by trigger
- Seals made of VITON suitable for foodstuffs (FDA)

A swivel coupler on a gun improves user-friendliness and extends hose life. See the "Swivel couplings" page for more information.

Variable jet

Although all materials can handle temperatures up to 95 ºC, special precautions are recommended if hot water is used.
The gun is not suitable for steam!



Water flow when trigger is fully squeezed, depending on pressure.

It is possible to order a cleaning gun with your own logo (from 200 pieces).

Available models:

AKRN001-B (blue)
AKRN001-W (white)
AKRB001-BL (black, *high flow)*

AKRNP01-B (blue)
AKRNP01-W (white)
AKRNP01-B-U* (blue)
AKRNP01-W-U* (white)
*1/2" NPT-female

AKRNP01-B-SW12 (blue)
With stainless steel swivel 1/2" BSP female

AKRNP01-W-SW12 (white)
With stainless steel swivel 1/2" BSP female

All article numbers in **bold** are available from stock.

Features of the heavy duty stainless steel cleaning gun

Full stainless steel shaft with double seal and stainless steel spring

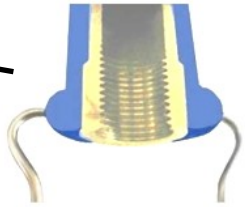
Clear indication of jet direction

Simple and quick nozzle adjustment

Reinforced pusher

Grip with protective lip

Insulated trigger



Fixed and enlarged rubber grip for better insulation

These features are also found on guns from the

- **AKMN- brass series**
- **AKCN- chrome plated brass series**
- **AKMB- brass series with high flow**
- **AKRB- stainless steel series with high flow**

Technical specifications

	AKRN001-B/W AKRNP01-B/W -B/W-U*	**AKRNP01-B/W-SW12**
Body material	Stainless steel X5CrNiMo17-12-2 (DIN)	Stainless steel X5CrNiMo17-12-2 (DIN)
Trigger, pusher and guard	Stainless steel X5CrNi18-10 (AISI 304)	Stainless steel X5CrNi18-10 (AISI 304)
Nozzle shaft and spring	Stainless steel X5CrNi17Mo-12-2 (AISI 316)	Stainless steel X5CrNi17Mo-12-2 (AISI 316)
Rubber insulation	EPDM	EPDM
Seals	VITON FKM 17052/FDA (FDA 21 CFR 177.2600)	VITON FKM 17052/FDA (FDA 21 CFR 177.2600)
Inlet connection	1/2” BSP female - B/W-U* =1/2” **NPT** female	1/2” BSP female
Maximimum temperature	95 ºC	95 ºC
Maximum pressure	24 bar	24 bar
Flow at 5 bar	28 l/min	28 l/min
Weight	813 g / 983 g	1084 g / 1114 g
Size	145 x 56 x 165 mm / 195 x 56 x 165 mm	195 x 56 x 165 mm / 200 x 56 x 165 mm

You can get this gun with your own logo (MOQ 200 pieces).

Lightweight cleaning gun

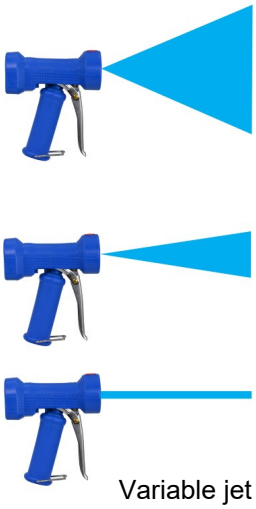
Cleaning gun with body made of lightweight plastic (PA66)

The housing of this gun is made of reinforced technical plastic, which makes it lightweight and strong at the same time. Due to its low weight, it is popular for long-lasting cleaning tasks. It also offers an economical alternative in cases where a brass gun cannot be used. The robust EPDM covers are durable and protect both the pistol and its surroundings from mechanical and/or thermal damage. They also provide a comfortable grip and are highly resistant to animal fat, including chicken and goose fat.

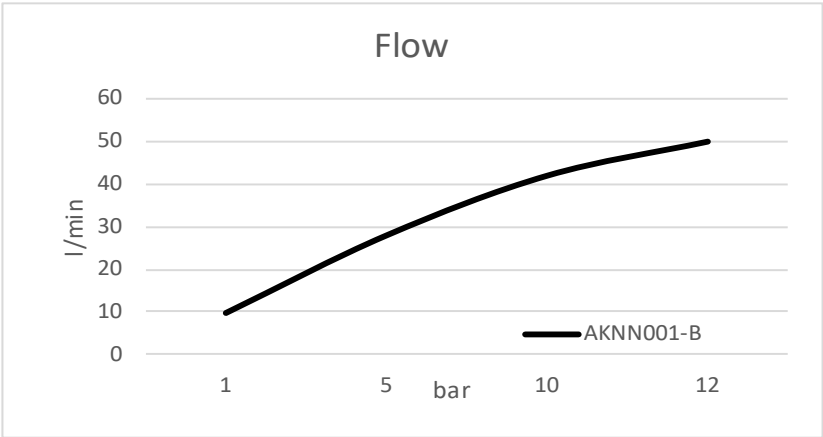
The new version with a trigger guard is now available (art. no. **AKNNP01-B**). This prevents unintended use of the trigger and provides protection when dropped on the floor. The robust trigger guard is made of stainless steel and covered with EPDM coating.

Technical specifications

- Strong body of fibreglass-reinforced plastic (PA66)
- Rubber cover with good resistance to animal fats (incl. chicken fat)
- Double internal seals (EPDM and Viton) for prevention against leaking
- Stainless steel trigger, spring and nozzle shaft
- Clear red arrow on rubber cover for jet direction
- Adjustable spray pattern via trigger
- Maximum pressure 12 bar
- Maximum temperature 50 °C
- Connection: 1/2” BSP female thread
- Weight: 480 g / 667g
- Water flow at 5 bar: 28 l/min



Variable jet



Water flow at fully squeezed trigger, depending on pressure

A swivel on a gun improves user-friendliness and extends hose life. See "ball bearing swivels" page for more information.

Available models:

Version without trigger guard

AKNN001-B in PA66

Version with trigger guard

AKNNP01-B in PA66

All article numbers in **bold** are available from stock.

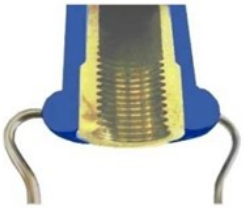
Features of the lightweight cleaning gun

St. st. nozzle shaft with double O-Rings and st. st. spring

Clear indication of jet direction

Simple and quick setting of the nozzle

Reinforced stainless steel pusher



Non-slip and thickened rubber for better insulation.

(Pictured is brass version)

Stainless steel trigger

You will also find the features of this plastic gun in the cleaning guns below:

- AKNL002-B plastic gun met 1/2” BSP male thread at outlet
- AKNLCP2-B plastic gun met stainless steel quick coupling DN12 and protection at outlet
- AKNLFW2 plastic gun with fixed foam lance at outlet
- AKNNA02-B plastic gun with chrome plated brass adapter at outlet

Technical specifications

	AKNN001-B	AKNNP01-B
Material of body	Plastic PA66	Plastic PA66
Trigger, pusher and trigger guard	St. st. X5CrNi18-10 (AISI 304)	St. st. X5CrNi18-10 (AISI 304)
Nozzle shaft and spring	St. st. X5CrNi17Mo-12-2 (AISI 316)	St. st. X5CrNi17Mo-12-2 (AISI 316)
Rubber jacket	EPDM	EPDM
Seals	EPDM (FDA) + Viton (FDA)	EPDM (FDA) + Viton (FDA)
Connection	1/2” BSP female thread	1/2” BSP female thread
Maximum temperature	50 ºC	50 ºC
Maximum pressure	12 bar	12 bar
Water flow at 5 bar	28 l/min	28 l/min
Weight	480 g	667 g
Dimensions	14,5 x 5,6 x 16,5 cm	19,5 x 5,6 x 16,5 cm

AKNNP01-B with trigger guard

It is possible to order a gun with your own logo (from 200 pieces), see page "Personalisation".

Baby series cleaning guns

Compact model with low water consumption

The Baby series pistols are compact and have the trigger at the rear of the grip. For users with small hands this is a suitable alternative. The clear red arrow indicates the jet direction. The aluminium and brass models have EPDM seals, the stainless steel model has Viton seals.

Of this compact model, we also have variants with the possibility of mounting a lance.

There are more models with the trigger at the rear. Look further in our catalogue.

A swivel on a gun inlet improves user-friendliness and extends hose life. See the "Swivel couplings" page for more information.

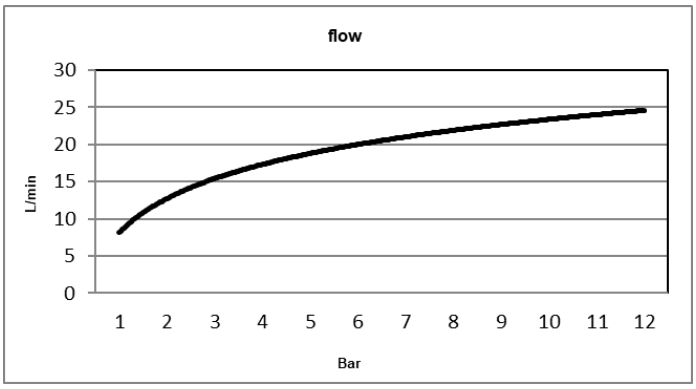
Available models:

BABTN01-B
Aluminium

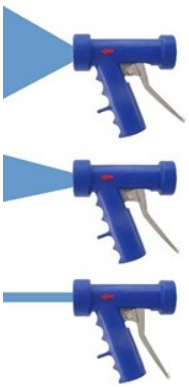
BMBTN01-B
Brass

BRBTN01-B
Stainless steel

All article numbers in **bold** are available from stock.



Water flow when trigger is fully squeezed, depending on pressure.



Variable jet

Although all materials can handle temperatures up to 50/95 ºC, special precautions are recommended if hot water is used.
The gun is not suitable for steam!

Technical specifications

	BABTN01-B	**BMBTN01-B**	BRBTN01-B
Body material	Aluminium	Brass HPb59-3	St. st. X5CrNi17Mo-12-2 (AISI 316)
Trigger and pusher	St. st. X5CrNi18-10 (AISI 304)	St. st. X5CrNi18-10 (AISI 304)	St. st. X5CrNi18-10 (AISI 304)
Nozzle shaft and spring	St. st. X5CrNi17Mo-12-2 (AISI 316)	St. st. X5CrNi17Mo-12-2 (AISI 316)	St. st. X5CrNi17Mo-12-2 (AISI 316)
Rubber insulation	EPDM (FDA)	EPDM (FDA)	EPDM (FDA)
Seals	EPDM (FDA)	EPDM (FDA)	VITON (FDA)
Inlet connection	1/2“ BSP Female	1/2“ BSP Female	1/2“ BSP Female
Maximum temperature	50 ºC (122 ºF)	95 ºC (231 ºF)	95 ºC (231 ºF)
Maximum pressure	12 bar	25 bar	25 bar
Flow at 5 bar	18 l/min	18 l/min	18 l/min
Weight	360 g	622 g	740 g
Size	135 x 50 x 135 mm	135 x 50 x 135 mm	135 x 50 x 135 mm

Special cleaning guns

Besides our regular cleaning guns, we have another selection of special cleaning guns suitable for specific applications. Think, for example, of a gun suitable for use in an explosion-sensitive environment. Or a gun specially designed for use with hot water. Our range also includes a cleaning gun that can be sterilised in an autoclave. The difference of these guns lies in the material used, size, weight and water consumption. They are used in, for example, the petrochemical, pharmaceutical and food industries.

AKBO cleaning guns are economical and durable, as maintenance is easy and spare parts are available. Our advice: when connecting a gun to a hose, use a swivel. Then the hose will last longer and it is comfortable working for its user.

Below are some examples of our special cleaning guns.

It is possible for us to brand products with your own logo. You can also order guns in a desired colour. This can be for promotional purposes or as a house style within your product range. This makes products very recognisable for your customers. Many of our guns are suitable for this. Check the "Personalisation" page for more information.

Do you have any questions about our cleaning guns or would you like more information? Feel free to contact us. We are ready to answer all your questions and help you find the best cleaning gun for your application. At AKBO, we offer a large selection of cleaning guns for a wide variety of cleaning jobs.

High-flow cleaning guns

With non-slip grip and rubber-insulated stainless steel trigger

Powerful cleaning with plenty of water

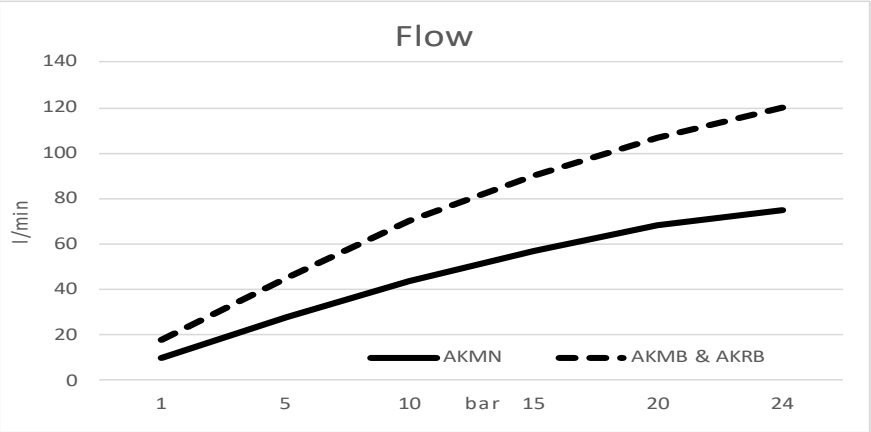
These high-flow cleaning guns are suitable for somewhat larger surfaces. The passage is enlarged to give them greater capacity. Models are available in brass and stainless steel.

Technical specifications

- Solid brass or AISI 316 stainless body
- Strong rubber jacket made of EPDM with good resistance to animal fats (including chicken fat)
- Double seals for greater security; AKMB series: EPDM (FDA) AKRB series: VITON (FDA) both food grade
- Insulated trigger for increased grip, comfort and protection in high temperatures
- Nozzle shaft and spring in AISI 316 stainless steel
- 1/2" BSP-female connection
- Maximum temperature 95 ºC (200 ºF)
- Maximum pressure 24 bar (350 psi)
- Flow at 5 bar: 45 l/min
- weight 840 g (AKMB001-BL) to 1165 g (AKMBP01-BL-SW14-34)
- Continuously adjustable spray pattern via trigger

Variable jet

Although all materials can handle temperatures up to 95ºC, special precautions are recommended if hot water is used. **This gun is not suitable for steam!**



Water flow at fully squeezed trigger, depending on pressure

A swivel coupling on a gun improves user-friendliness and extends the life of the hose. See the "Swivel couplings" page for more information.

Available models:

AKMB001-BL
AKRB001-BL (AISI 316)

AKMBP01-BL (black)
AKRHPB1-R (red) AISI 316
See hot-water gun in this catalogue

AKMBP01-B-SWM14-3/4
With swivel 3/4" BSP female

All article numbers in **bold** are available from stock.

Cleaning guns for hot water in stainless steel AISI316

With teflon/air insulated grip and with trigger guard

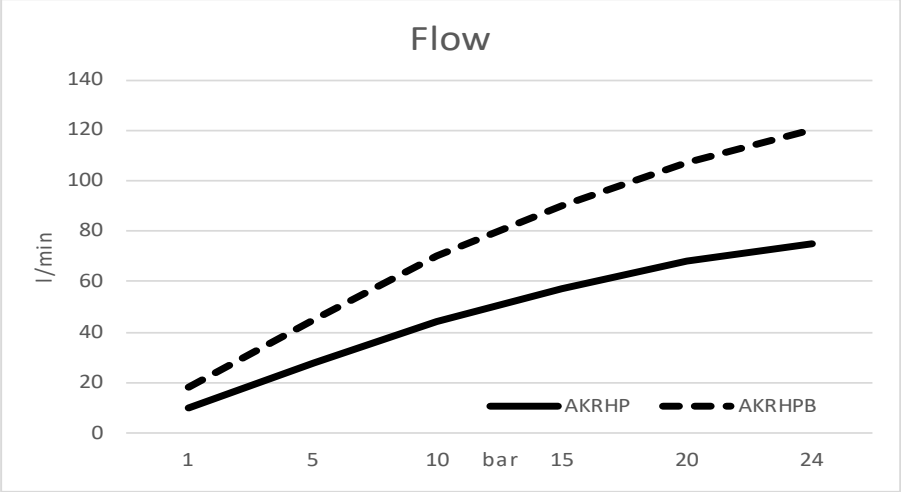
Powerful cleaning with hot water

AKBO's hot water cleaning guns are designed for long-term cleaning with hot water and have several special features. Much attention has been paid to operator safety in addition to the technical specification. The version with lance increases safety because the nozzle is further away from the operator and operation requires two hands. For detailed technical information, please refer to the next page.

- Sturdy AISI 316 stainless steel housing
- Strong rubber jacket with good resistance to animal fats (including chicken fat)
- Double internal Viton (FDA) seals for extra security
- Insulated trigger for increased grip, comfort and protection against high temperatures
- Rubber skirt for shielding the hot adapter
- Continuously adjustable spray pattern via trigger

Variable jet

Although all materials can handle temperatures up to 95ºC, special precautions are recommended if hot water is used. **The gun is not suitable for steam!**



Water flow at fully squeezed trigger, depending on pressure

A swivel coupling on a gun improves user-friendliness and extends the life of the hose. See the "ball bearing swivels" page for more information.

Available models:

AKRHP01-R
AKRHPB1-R (high flow version)

AKRHP02-R-L40
version with lance

All article numbers in **bold** are available from stock.

Teflon/air insulation

Adjustable nozzle

Cleaning guns for hot water in stainless steel AISI316

With trigger guard and double insulation

AKRHP01-R

Grip with extra-large protective lip

Trigger guard

Insulated trigger

Teflon/air insulation

Rubber skirt for shielding the hot adapter

Model AKRHP02-R-L40 and AKRHPB1-R have the same specific properties

	AKRHP02-R / AKRHP02-L40	AKRHPB1-R
Material of body	St. st. 1.4404 (DIN) (AISI 316)	St. st. 1.4404 (DIN) (AISI 316)
Trigger, pusher and guard	St. st. 1.4301 (AISI 304)	St. st. 1.4301 (AISI 304)
Nozzle shaft and spring	St. st. 1.4404 (AISI 316)	St. st. 1.4404 (DIN) (AISI 316)
Rubber jacket	EPDM	EPDM
Seals	VITON FKM 17052 / FDA (FDA 21 CFR 177.2600)	VITON FKM 17052/FDA (FDA 21 CFR 177.2600)
Connection	1/2” BSP female thread	1/2” BSP female thread
Maximum temperature	95 ºC	95 ºC
Maximum pressure	24 bar	24 bar
Water flow at 5 bar	28 l/min	45 l/min
Weight	980 g / 1900 g	980 g
Dimensions	145 x 56 x 165 mm / 525 x 56 x 165 mm	195 x 56 x 165 mm

AKRHP02-R-L40

Although all materials can handle temperatures up to 95ºC, special precautions are recommended if hot water is used. **This gun is not suitable for steam!**

ATEX cleaning gun

With non-slip grip and rubber-insulated stainless steel trigger

This cleaning gun is safe to use in explosive environments. It is tested by TÜV and approved for ATEX Zone 1 and 2. All metal parts are made of stainless steel.

Available model:

AKRNP01-BL-EX

All article numbers in **bold** are available from stock.

Technical specifications

- Sturdy AISI 316 stainless steel body
- Strong rubber jacket made of EPDM with good resistance to animal fats (including chicken fat)
- Double seals from VITON (FDA) for greater security
- Insulated trigger for increased grip, comfort and protection in high temperatures
- Nozzle shaft and spring in AISI 316 stainless steel
- 1/2" BSP-female connection
- Maximum temperature 60 ºC (200 ºF)
- Maximum pressure 24 bar (350 psi)
- Water flow at 5 bar: 28 l/min
- Weight 957 g
- Clear red arrow for jet direction in rubber cover
- Continuously adjustable spray pattern via trigger

Variable jet

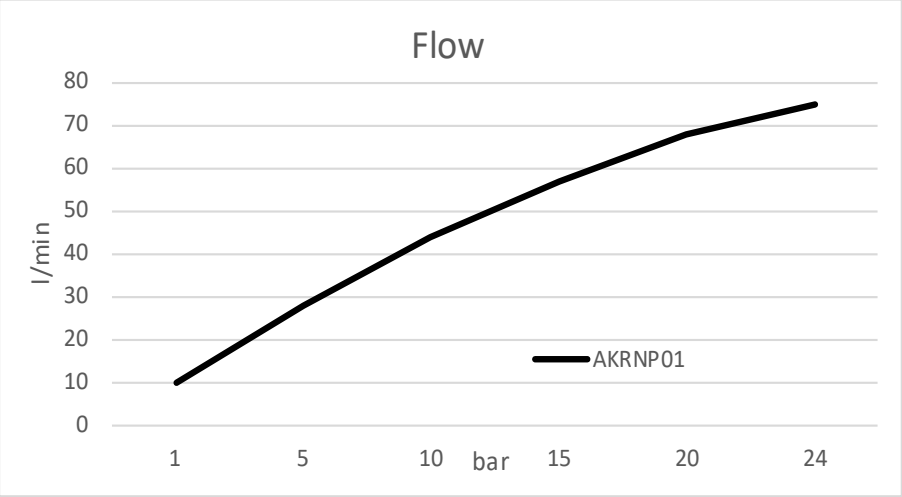
Suitable for ATEX Zone 1 and 2

TÜV tested :

Art. No. 040 405.VAEX

Project-No.120 120.1234VAEX

All metal parts are AISI316



Waterflow at fully squeezed trigger, depending on pressure

EX logo in rubber cover

A swivel coupling on a gun improves user-friendliness and extends the life of the hose. See the "Swivel couplings" page for more information.

Sterilisable cleaning gun in stainless steel AISI316

With special latex rubber jacket and VITON (FDA) seals

Gun can be sterilised up to 160 °C

This stainless steel gun is specially designed for cleaning applications in an environment where sterile equipment is required. The special protective jacket allows this gun to be disinfected in an autoclave. This makes it the ideal gun for use in, for example, the pharmaceutical, cosmetic and food industries.

Technical specifications

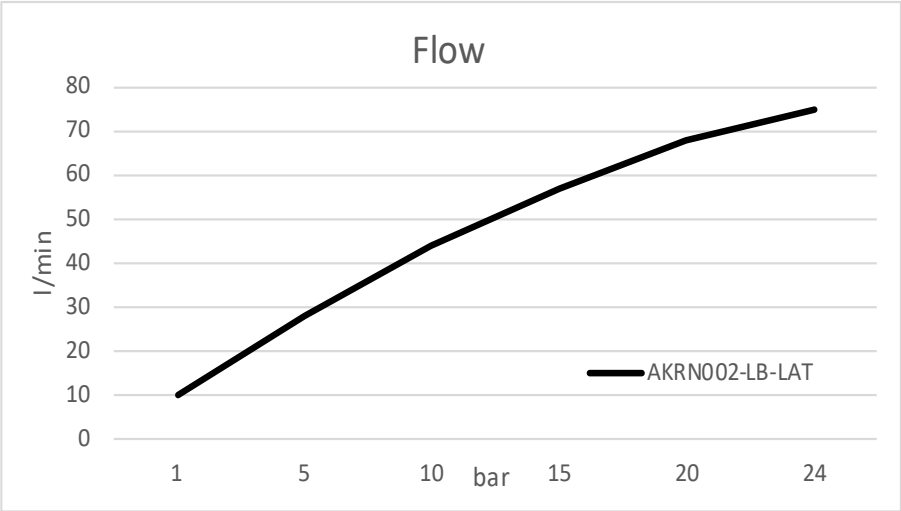
- Sturdy AISI 316 stainless steel body
- Jacket made of special latex rubber for high-temperature disinfection
- Double internal Viton (FDA) seals for extra security
- Trigger and pusher in AISI304 stainless steel
- 1/2" BSP female connection
- Maximum temperature 95 ºC
- Maximum pressure 24 bar (350 psi)
- Weight 870 g
- Continuously adjustable spray pattern via trigger

A swivel coupling on a gun improves user-friendliness and extends the life of the hose. See the "Swivel couplings" page for more information.

Available model:

AKRN002-LB-LAT

All article numbers in **bold** are available from stock.



Water flow at fully squeezed trigger, depending on pressure

Variable jet

Red arrow for jet direction

Stainless steel (AISI316) spray guns with rear trigger

With non-slip grip and rubber-insulated trigger

This particular gun with trigger at the rear has a 1/2" **NPT** female connection. It has a Viton FDA seal and is therefore suitable for use in food environments. There is a model with standard flow rate and a variant with high flow rate.

Available models:

AKRBT01-B-U

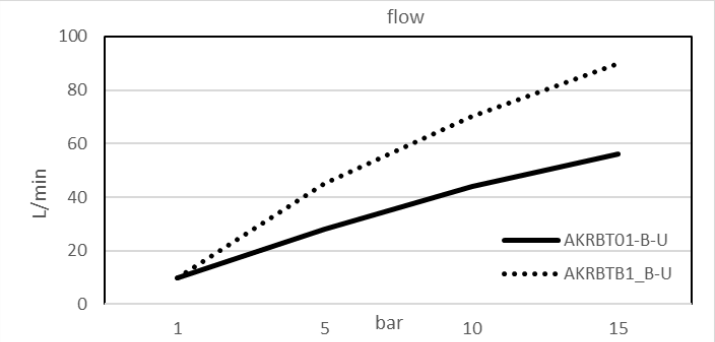
AKRBTB1-B-U
High flow

All article numbers in **bold** are available from stock.

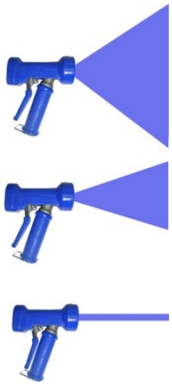
Technical specifications

- Sturdy AISI 316 stainless steel body
- Strong rubber jacket with good resistance to animal fats (including chicken fat)
- Insulated operating handle for increased grip, comfort and protection against high temperatures
- Double internal Viton (FDA) seals for extra security
- Trigger and pusher in AISI 304 stainless steel
- **1/2" NPT**-female connection
- Maximum temperature 95 ºC (200 ºF)
- Maximum pressure 24 bar (350 psi)
- Weight 980 g
- Clear red arrow for jet direction
- Continuously adjustable spray pattern via trigger

Although all materials can handle temperatures up to 95ºC, special precautions are recommended if hot water is used. **The gun is not suitable for steam!**



Water flow at fully squeezed trigger, depending on pressure


Variable jet

Clear red arrow for jet direction

	AKRBT01-B-U	AKRBTB1-B-U
Material of body	Stainless steel 1.4404 (AISI 316)	Stainless steel 1.4404 (AISI 316)
Trigger, pusher and guard	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4301 (AISI 304)
Nozzle shaft and spring	Stainless steel 1.4404 (AISI 316)	Stainless steel 1.4404 (AISI 316)
Rubber jacket	EPDM	EPDM
Seals	VITON FKM 17052/FDA (FDA 21 CFR 177.2600)	VITON FKM 17052/FDA (FDA 21 CFR 177.2600)
Connection	1/2" NTP female	1/2" NTP female
Maximum temperature	95 ºC	95 ºC
Maximum pressure	24 bar	24 bar
Water flow at 5 bar	28 l/min	45 l/min
Weight	940 g	880 g
Dimensions	150 x 56 x 165 mm	150 x 56 x 165 mm

Plastic shower

Ergonomically shaped, lightweight hand shower for rinsing meat, fish, vegetables, etc. The shower is made of polyamide with high resistance to chemicals. Its design makes it comfortable to hold and creates a good grip.

Available models:

AKKS003-B (blue)
AKKS003-W (white)

All article numbers in **bold** are available from stock.

Technical specifications

Material body	PA66
Seals	EPDM (FDA)
Connection	1/2” BSP female
Maximum temperature	80 ºC
Maximum pressure	8 bar
Weight	260 g
Dimensions	163 x 83 x 59 mm

Although all materials can handle temperatures up to 80 ºC, special precautions are recommended if hot water is used. **The shower is not suitable for steam!**

Article no.	Description
MESC013	13 mm x ½” BSP male
MESC016	16 mm x ½” BSP male
MESC019	19 mm x ½” BSP male

Matching hose tails (brass chrome-plated) with EPDM O-ring for connecting the Shower. These can be ordered separately.

Water/air gun

Lots of power with little water

The gun is made of cast aluminium and has a blue rubber cover on the grip and the nozzle. The trigger opens and closes both the water and air supply.
The air-water mixture delivers high impact force at relatively low water consumption. This gun is mainly used in the food industry for cleaning mesh aprons and gloves and slaughtering utensils. Also cleaning machines, surfaces and vehicles. Also consider cleaning screens, conveyor belts, grates, etc.

Available model:

AKAWLU1-B

All article numbers in **bold** are available from stock.

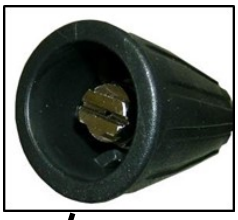
Technical specification

Material of body and trigger	Aluminium
Material hose tails	Brass
Material nozzle	PA66
Material of insulation	EPDM rubber
Connection	2x 10 mm hose tails
Maximum pressure	5 bar
Weight	800 g
Dimensions	250x161x50 mm

Connections for air and water

High-pressure gun and lances

For those cases where high-pressure cleaning is necessary, we have a universal high-pressure gun in our range, with matching lances.



Nozzle with protection

Adapter for quick coupling

CT35 quick coupler

Lance HDRL-series

HDRPIST01

3/8” bi.dr. aansluiting

Technical specifications high-pressure gun

- Material : Brass / plastic
- Inlet : 3/8” BSPT female
- Outlet : Quick coupler CT35
- Max. pressure : 310 bar
- Max. temperature : 150 ºC
- Max. flow : 45 L/min

Technical specifications high-pressure lance

- Material : Stainless steel / Plastic
- Inlet : Adapter for Quick coupling CT35
- Outlet : 1/4” BSPT female
- Max. pressure : 280 bar
- Max. temperature : 150 ºC
- Max. flow : 40 L/min

We fit this nozzle as standard: NOZ2506 stainless steel nozzle with spray angle 25º, capacity 14 L/min at 100 bar; 19 L/min at 200 bar.
Nozzles with other capacities are available from stock.

OPTIONAL: HDRSWIV-3/8

High-pressure swivel, nickel-plated brass 3/8” F x 3/8” M

Max. 350 bar / 90 ºC

(Also available in stainless steel: HDRSWIV-3/8 R)

Available models:

HDRPIST01

HDRL070 Lance 70 cm

HDRL090 Lance 90 cm

HDRL120 Lance 120 cm

HDRL070-2506 Lance 70 cm + nozzle

HDRL090-2506 Lance 90 cm + nozzle

HDRL120-2506 Lance 120 cm + nozzle

HDR1070-2506
gun + 70 cm lance + nozzle

HDR1090-2506
gun + 90 cm lance + nozzle

HDR1200-2506
gun + 120 cm lance + nozzle

NOZ2506
Nozzle: spray angle 25º, capacity 14 L/min at 100 bar, 19 L/min at 200 bar

All article numbers in **bold** are available from stock.

AGIL572 lightweight spray gun

This small cleaning gun is very suitable for occasional industrial use or home use. The adjusting nut at the back of the gun allows you to adjust the jet at a certain position of the trigger.

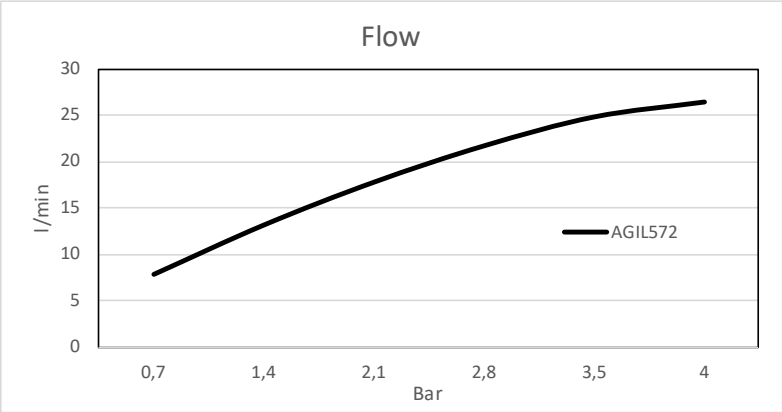
Available model:

AGIL572

All article numbers in **bold** are available from stock.

Technical specifications

- Chrome plated zinc housing
- Insulated moulded handle for spraying hot or cold water
- Ideal for commercial or industrial use
- Outlet with 3/4" GHT male thread for attachment of accessories
- Solid brass nozzle shaft with adjustment nut
- Clip to lock trigger for continuous jet
- Stainless steel spring
- Maximum pressure: 4 bar
- Weight 200 g



Waterflow at fully squeezed trigger, depending on pressure

NiTO I cleaning gun

The gun has a modern design, is highly functional and made of durable materials. Suitable for spraying, watering and cleaning in both light industry and domestic sectors.

Technical Specifications

Working pressure / temperature:

Max. 6 bar at max. 40 °C
Max. 4 bar at max. 60 °C

Flow at 3 bar:

8,5 l/min with narrow jet
10,5 l/min with wide jet

Features:

- Full linear flow control from low to high flow rate
- Adjustment from narrow to wide jet
- Trigger with on/off and lock function
- Equipped with a 1/2" quick-connect adapter at the inlet
- Can be connected to 1/2" or 3/4" hoses
- Weight: 295 g

Although all materials can handle temperatures up to 60 ºC, special precautions are recommended if hot water is used.

Available model:

AK53800A1

All article numbers in **bold** are available from stock.

NiTO II cleaning gun

The NiTO II spray gun is thermally insulated and has an adjustable spray angle, from narrow to wide (60°). Suitable for "heavy" applications with a water temperature of up to 90 °C and a flow rate of 40 l/min. It is equipped with 3/4" BSP female thread, and the operating lever is lockable to prevent unintended use.

Technical Specifications

- Maximum pressure: 25 bar
- Maximum temperature: 90 °C
- Maximum flow: 40 l/min.
- Full linear flow control, from low to high
- Adjustment from narrow to wide spray pattern (60° angle)
- Trigger with on/off and lock function
- 3/4" BSP female thread inlet
- Can be connected to 1/2" or 3/4" hoses
- Weight: 700 g

Although all materials can handle temperatures up to 90 ºC, special precautions are recommended if hot water is used. **The gun is not suitable for steam.**

The NiTO II comes standard with a nozzle with a capacity of 40 l/min. A separate set of nozzles is available for the gun. This allows you to increase or decrease the capacity of the gun. The separately available set contains nozzles with a capacity of 20 l/min, 30 l/min, 60 l/min and an Allen key. The part number is AK30210A0.

A swivel coupling on a gun improves user-friendliness and extends the life of the hose. See the "ball bearing swivels" page for more information.

Available model:

AK30550A3

AK30210A0

All article numbers in **bold** are available from stock.

NiTO ERGO hot-water gun

The NiTO ERGO hot water gun is thermally insulated and the ergonomic handle allows long working hours. The water jet is variable and the operating lever can be locked, which is an advantage in long-term cleaning work.

Technical Specifications

- Maximum pressure : 12 bar
- Maximum temperature : 80 °C
- Maximum flow : 26 l/min at 2,5 bar
  : 50 l/min at 5,0 bar
  : 58 l/min at 7,5 bar
- Full linear flow control, from low to high
- Adjustment from narrow to wide jet
- Trigger with on/off and lock function
- 1/2" quick coupling adapter at the inlet
- Can be connected to 1/2" or 3/4" hoses
- Weight: 500 g

Although all materials can withstand temperatures up to 80 ºC, special precautions are recommended if hot water is used. **The gun is not suitable for steam!**

Available model:

AK40255A3

All article numbers in **bold** are available from stock.

Cleaning guns for lance mounting

At AKBO, we have cleaning guns that are ideal for use with a lance for foaming, rinsing and disinfecting. Whether you prefer a gun with a fixed connection or a flexible variant with quick connect, we have the right option for you. They are available in aluminium, brass, brass-chromed, stainless steel and plastic. If required, they are already fitted with a quick coupling with protection at the outlet.

As an alternative to the cleaning gun, we have protected ball valves in our range. Due to the large passage, these are particularly suitable for use with foam.

For lances, we would like to refer you to the Lances and Nozzles section. There you will find a wide selection of lances for working with foam or for rinsing. Suitable for mounting on these cleaning guns with a quick connection or a fixed connection.

Here are some examples:

Cleaning gun with quick coupling

Cleaning gun with 1/2”BSP male outlet

Baby aluminium cleaning gun with 1/2” BSP male outlet

Ball valve with 1/2” BSP female x quick coupling with protection

Do you have any questions about our cleaning guns or would you like more information? Feel free to contact us. We are ready to answer all your questions and help you find the best cleaning gun for your application. At AKBO, we offer a large selection of cleaning guns for a wide variety of cleaning jobs.

Cleaning guns for lance mounting

Many options for connecting accessories

Cleaning gun with an outlet of a 1/2" BSP male thread. This makes it possible to mount different types of lances with a fixed nozzle for a consistent spray pattern.

A gun with lance makes it easier to clean areas that are otherwise difficult to reach. It can be used for all foaming and cleaning purposes where lances are needed. Its large bore makes this gun ideal for foam applications. Different types of lances can be easily replaced if required, using the quick coupling.

This type of gun is available in four versions: brass, chrome plated brass, stainless steel (AISI 316) and plastic (glass fibre reinforced PA66).

Three different ways of lance mounting:

Option A: quick release connection

COUPL1/2-F

Option B: fixed connection with reducer

NIPR12FF14FF

Option C: fixed connection directly to the gun

LANCM22-N-NW

Fixed connection

With a fixed connection, the lance is screwed directly onto the gun. By using glue, we ensure a leak-free connection. With a reducing nipple on the gun, you can use a smaller diameter lance.

Although all materials can handle temperatures up to 50/95 ºC, special precautions are recommended if hot water is used. **The gun is not suitable for steam!**

Available models :

AKRL002-B
St.st. (316) cleaning gun for lance mounting with 1/2” BSP male outlet

AKCL002-B
Chrome plated brass cleaning gun for lance mounting with 1/2” BSP male outlet

KLML002-B
Brass cleaning gun for lance mounting with 1/2” BSP male outlet

AKNL002-B
Plastic (glass fibre reinforced PA66) cleaning gun for lance mounting with 1/2” BSP male outlet

All article numbers in **bold** are available from stock.

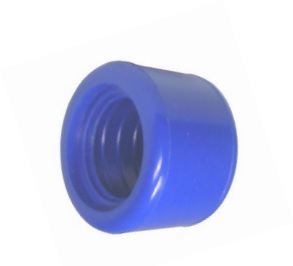
Cleaning guns with quick coupling

Quick connection

The guns can be supplied with mounted quick-release coupling, with or without protection. Now it is possible to exchange lances easily.

We have lances suitable for different purposes; for foaming, disinfecting, rinsing and available in different sizes.

COUPL1/2-F



COPROT1-B

COUPL1/2-F-B

Technical specifications

- Maximum pressure 24 bar (AKNLCP2-B: 12 bar)
- Maximum temperature 95 ºC (AKNLCP2-B: 50 °C)
- Large bore for excellent foam quality
- Connection 1/2” BSP female
- Automatic switch-off when the trigger is released
- Fitted with stainless steel quick-release coupling with rubber protection (COUPL1/2-F-B)
- Easy changing of different lances for rinsing, disinfecting and foaming
- Strong EPDM protection
- EPDM (FDA) seals for brass, chrome-plated brass (KLMLCP2-B, AKCLCP2-B) and plastic (AKNLCP2-B)
- VITON (FDA) seals for stainless steel (AKRLCP2-B)

A swivel coupling on a gun improves user-friendliness and extends the life of the hose. See the "Swivel couplings" page for more information.

Available models:

AKCLCP2-B
Chrome-plated brass gun with quick-release coupling and EPDM protection

AKRLCP2-B
St. st. (AISI 316) gun with quick-release coupling and EPDM protection

KLMLCP2-B
Brass gun with quick-release coupling and EPDM protection

AKNLCP2-B
Plastic (PA66) gun with quick-release coupling and EPDM protection

All article numbers in **bold** are available from stock.

Lightweight foam gun

Generates excellent quality foam at low water pressure and <u>without compressed air</u>

The foam lance has a wide-shaped outlet and produces a wide foam jet for efficient cleaning of large areas. Results are good from about 2.5 bar and excellent from 3.5 to 4 bar. The same foam lance can then be used to rinse the foamed-in surface.

Technical Specifications

- Weight of gun with lance, ref. AKNLFW2: 660 g
- Fibreglass-reinforced PA66 (FDA) and strong EPDM rubber jacket
- Double seals made of EPDM + VITON (FDA)
- Swivelling plastic foam lance
- Stainless steel spring and shaft
- Stainless steel trigger
- Non-slip rubber grip
- Max. pressure 12 bar
- Max. temperature 50 °C
- Connection 1/2" BSP female thread

Alternative:
The AKNLFW2 is a gun with foam lance as a fixed combination. We also offer a flexible combination, which is a plastic gun with quick coupling and the foam lance with adapter connection. The quick coupling allows you flexibility in choosing to foam and clean with a different lance. We have in our range stainless steel, brass (chrome-plated) and plastic cleaning guns with a stainless steel quick coupling.

LANFA02

AKRLCP2-B

Available models:

AKNLFW2
Plastic gun with foam lance

LANFA02
Foam lance with adapter

AKRLCP2-B (stainless steel)
AKCLCP2-B (chrome plated brass)
KLMLCP2-B (brass)
AKNLCP2-B (plastic PA66)

All article numbers in **bold** are available from stock.

See our range of rinsing lances elsewhere in this catalogue

Cleaning guns for lance mounting, Baby series

A smaller gun with versatile capabilities through the use of accessories

From the Baby series, we also have compact spray guns with an outlet for lance mounting. This series is characterised by economical water use, low weight and a trigger at the rear. This gun with an attached lance makes it easier to clean places that are otherwise difficult to reach. There are 3 variants in brass or aluminium.

Although all materials can handle temperatures up to 50/95 ºC, special precautions are recommended if hot water is used.

The gun is not suitable for steam!

A quick coupler attached to this cleaning gun provides the abillity to change the function in seconds. With a connected lance availiable in different sizes or for shortrange a nozzle availiable in different angles and flow.

	BABTLF1-B-V	**BABTLF1-BL**	**BMBNN01-B**
Suitable quick-coupler	COUPL1/2-M	COUPL1/2-M	COUPL1/2-F

A swivel coupler on a gun improves user-friendliness and extends the life of the hose. See the "Swivels" page for more information.

Available models :

BABTLF1-B-V
Blue, viton seals, 1/2” BSP female outlet

BABTLF1-BL
Black, 1/2” female outlet

BMBNN01-B
Blue, outlet with nozzle and 1/2” BSP male

All article numbers in **bold** are available from stock.

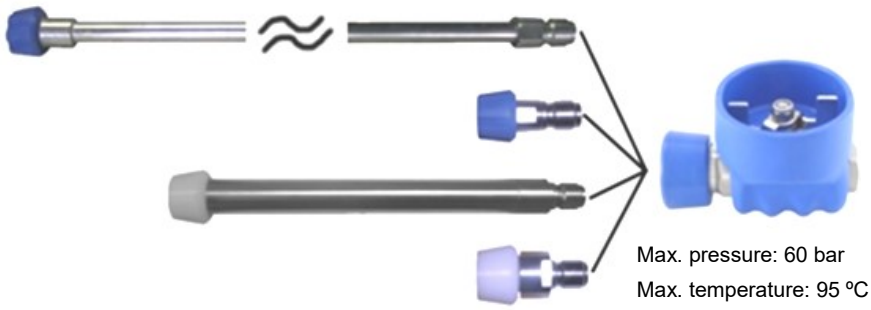
	BABTLF1-B-V	BABTLF1-BL	BMBNN01-B
Body material	Aluminium	Aluminium	Brass HPb59-3
Trigger and pusher	St. st. X5CrNi18-10 (AISI 304)	St. st. X5CrNi18-10 (AISI 304)	St. st. X5CrNi18-10 (AISI 304)
Nozzle shaft and spring	St. st. X5CrNi17Mo-12-2 (AISI 316)	St. st. X5CrNi17Mo-12-2 (AISI 316)	St. st. X5CrNi17Mo-12-2 (AISI 316)
Rubber insulation	EPDM (FDA)	EPDM (FDA)	EPDM (FDA)
Seals	VITON (FDA)	EPDM (FDA)	VITON (FDA)
Outlet connection	1/2“ BSP Female	1/2“ BSP Female	1/2“ BSP Male
Maximum temperature	50 ºC (122 ºF)	50 ºC (231 ºF)	95 ºC (231 ºF)
Maximum pressure	12 bar	12 bar	12 bar
Inlet connection	1/2“ BSP Female	1/2“ BSP Female	1/2“ BSP Female
Weight	365 g	365 g	650 g
Size	135 x 50 x 135 mm	135 x 50 x 135 mm	135 x 50 x 135 mm

Protected ball valves

All ball valves are protected against falling on the operating lever

The multifunctional protected ball valve BALR001-B is encased in EPDM rubber. When dropped, the rubber protects not only the ball valve itself, but also the floor and wall. The insulation also makes the ball valve suitable for hot water applications.

All ball valves are protected against dropping on the operating handle and can be used with multiple accessories for different applications. The curved shape at the bottom gives more grip when holding.



Max. pressure: 60 bar

Max. temperature: 95 ºC

We have several models of ball valves available, each with unique features. Discover the BALR001-B with 2x1/2" female thread, or choose the BALRCP1-B with a quick coupling and EPDM protection.
For extra durability, there is the BALRCP1-NB with a quick coupling and nylon protection. Nylon is more wear-resistant and gives better resistance to deformation than EPDM at higher temperatures. We also offer the BARRCP2-B, with mechanical protection of the operating lever and a quick coupling with EPDM protection.

You can order order a ball valve with your own logo (from 200 pieces).

Although all materials can handle temperatures up to 95 ºC, special precautions are recommended if hot water is used. **The ball valve is not suitable for steam!**

Alternative:

Self-closing stainless steel 316 foam gun with quick-release coupling up to 24 bar foaming and rinsing.

AKRLCP2-B

Available models:

BALR001-B
In stainless steel 304; 2x 1/2” BSP female

BALRCP1-B
Stainless steel 304; 1/2” BSP female x quick coupling with EPDM protection

BALRCP1-NB
Stainless steel 304; 1/2” BSP female x quick coupling with nylon protection

BARRCP2-B
Stainless steel 316; 1/2” BSP female x quick coupling with EPDM protection

All article numbers in **bold** are available from stock.

Lances and nozzles

AKBO has a wide range of lances ideal for foam cleaning, rinsing and disinfection. The lances are available in various lengths and some come with an insulated handle and/or an end with a 15° bend. Do you prefer a fixed connection or a flexible variant with adapter for a quick coupling, we have the right option available. You can put together your desired lance, assemble it yourself or, if you prefer, we can do it for you.
In this section, you will find all supplies such as lances, nozzles and nozzle protectors. We also offer a lance holder to neatly store your lances.

Do you have any questions about our lances or would you like more information? Feel free to contact us. We are ready to answer all your questions and help you find the best lance for your application. At AKBO, we offer a large selection of cleaning lances for a wide variety of cleaning jobs.

Below are some examples of Lances and nozzles.

Foam wand with quick connect

Insulated stainless steel rinsing lance

Stainless steel foam lance with quick connect

Stainless steel rinsing lance

Foam nozzle with quick connect and nozzle protection

Short rinsing lance with nozzle protection

Rinsing nozzle

Nozzle protections from nylon and EPDM

Lance rack

Lances

Foam lances for fixed connection

Article no.	Description
LANCM22-F	St. st. foam lance 22 cm, 2x 1/2”F
LANCM50-F	St. st. foam lance 50 cm, 2x 1/2”F

LANCM22-N	St. st. foam lance 22 cm, 1/2”F x foam nozzle
LANCM50-N	St. st. foam lance 50 cm, 1/2”F x foam nozzle

LANCM22-N-NW	St. st. foam lance 22 cm, 1/2”F x foam nozzle with protection
LANCM50-N-NW	St. st. foam lance 50 cm, 1/2”F x foam nozzle with protection

Foam lances for quick connection

LANFA02	Foam wand with adapter

ADAFN1/2-NR-NW	Stainless steel foam nozzle with adapter and protection

LANCM22-A	St. st. foam lance 22 cm, 1/2”F x adapter
LANCM50-A	St. st. foam lance 50 cm, 1/2”F x adapter
LANCM60-A	St. st. foam lance 60 cm, 1/2”F x adapter

LANCM22-NA	St. st. foam lance 22 cm, adapter x foam nozzle
LANCM50-NA	St. st. foam lance 50 cm, adapter x foam nozzle
LANCM60-NA	St. st. foam lance 60 cm, adapter x foam nozzle

LANCM22-NA-NW	St. st. foam lance 22 cm, adapter x foam nozzle with protection
LANCM50-NA-NW	St. st. foam lance 50 cm, adapter x foam nozzle with protection
LANCM60-NA-NW	St. st. foam lance 60 cm, adapter x foam nozzle with protection

Rinsing-disinfection lances with quick release connection

Article no.	Description
ADASN1/4-2530B	Adapter (short) with nozzle* NOZ2530 and blue EPDM-rubber nozzle protection**

*Different nozzles versions are available (see nozzle table)

ADAPN1/4-2530B	Adapter (long) with nozzle* NOZ2530 and blue EPDM-rubber nozzle protection**

** Different protections are available in the following colours: blue (B), red (R), yellow (Y), green (G), and black (BL).

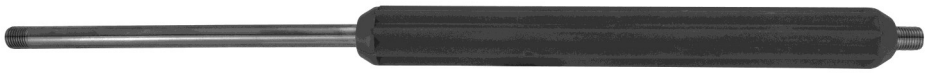
Rinsing lances for fixed connection or connection with quick coupling

Material	Stainless steel AISI 304
Connection	1/4” BSP male
Max. pressure	400 bar
Max. temperature	150 °C

LACX02	Lance 25 cm; 1/4” male x 1/4” male
LACX06	Lance 60 cm; 1/4” male x 1/4” male
LACX09	Lance 90 cm; 1/4” male x 1/4” male
LACX12	Lance 120 cm; 1/4” male x 1/4” male

LABX02	Lance 25 cm; 1/4” male x 1/4” male with 15° bend
LABX05	Lance 60 cm; 1/4” male x 1/4” male with 15° bend
LABX07	Lance 90 cm; 1/4” male x 1/4” male with 15° bend
LABC09	Lance 120 cm; 1/4” male x 1/4” male with 15° bend

LACB05	Insulated (blue) lance 50 cm; 1/4” male x 1/4” male
LACB06	Insulated (blue) lance 60 cm; 1/4” male x 1/4” male



LACP07	Insulated (black) lance 70 cm; 1/4” male x 1/4” male
LACP09	Insulated (black) lance 90 cm; 1/4” male x 1/4” male
LACP12	Insulated (black) lance 120 cm; 1/4” male x 1/4” male

LABP07	Insulated (black) lance 70 cm; 1/4” male x 1/4” male with 15° bend
LABP09	Insulated (black) lance 90 cm; 1/4” male x 1/4” male with 15° bend

The previous lances can be assembled like this:

For example, a 60 cm lance with quick coupling and nozzle 2560* with blue EPDM protection is given the article code: **LACX06ASPB2560**

(* Indicate the type of nozzle needed)

Lance holder for foam and rinsing lances

Artikelno.	Description
REKBEN4	Stainless steel lance holder for 4 lances L x D: 21,7 x 4 cm

Stainless steel nozzle protection

NOPROT1/4-RA

Stainless steel nozzle guard with 1/4” female thread x adapter for quick disconnect (nozzle is not included). The quick coupling allows it to be connected directly to the gun. Together with a complete lance, you have a versatile combination for all kinds of cleaning activities.

NOPROT1/4-RVS

Stainless steel nozzle protection with 1/4“ female thread x 1/4” female thread. This stainless steel nozzle protection can be combined with, for example, a stainless steel lance from the LACX, LABX, LACB or LACP series. Nozzle is not included.

Nozzles and nozzle protections

There are nozzles with different capacities (l/min) and spray shapes. As standard, we mount on our rinsing lances a flat jet nozzle with a spray angle of 25º and a capacity of 30 l/min. But other versions are also available.

To choose the right nozzle, the following information is important:

- What type of jet should it be (point jet or flat jet)?
- What is the working pressure in bar?
- What is the desired capacity in liters per minute?

In the table below you can find the right nozzle.

1/4" male							Capacity size	Capacity (liters per minute)																			
Spray angle																											
0°	5°	15°	25°	40°	50°	65°		0,4	0,7	1,5	2	3	4	6	7	15	20	25	35	40	45	60	80	100	140	170	200
•		•	•	•			13	1,8	2,5	3,5	4	4,9	5,7	7,1	7,5	11	13,3	14,8	17,5	18,7	19,9	23	27	30	35	39	42
		•	•				14	2	2,7	3,85	4,4	5,4	6,25	7,8	8,3	12,1	14,3	16	18,9	20	21	25	29	32	38	42	45
•	•	•	•	•	•	•	15	2,2	2,9	4,2	4,8	5,9	6,8	8,4	9	13,2	15,3	17,1	20	22	23	26	31	34	40	45	48
•	•	•	•	•	•	•	20	2,9	3,8	5,6	6,4	7,9	9,1	11,2	12,1	17,7	20	23	27	29	31	35	41	46	54	59	64
•	•	•	•	•			25	3,6	4,75	7	8,1	9,9	11,4	14	15,1	21,9	25	28	34	36	38	44	51	57	67	74	81
•	•	•	•	•		•	30	4,3	5,7	8,4	9,7	11,8	13,7	16,8	18,1	26	31	34	40	43	46	53	61	68	81	89	97
•		•	•	•			35	5,1	6,7	9,8	11,3	13,8	16,0	19,4	21,1	30,5	36	40	47	50	54	62	71	80	94	104	113
•	•	•	•	•			40	5,8	7,6	11,2	12,9	15,8	18,2	22	24	35	41	46	54	58	61	71	82	91	108	119	129
•		•	•	•			50	7,2	9,5	14	16,1	19,7	23	28	30	44	51	57	67	72	76	88	102	114	135	149	161
•		•	•	•			60	8,6	11,4	16,8	19,3	24	27	34	36	53	61	68	81	86	92	106	122	137	162	178	193
•							70	10,1	13,3	19,5	23	28	32	39	42	62	71	80	94	101	107	124	143	160	189	208	226
•							80	11,5	15,3	22	26	32	36	45	48	71	82	91	108	115	122	141	163	182	216	238	258
•							90	13,0	17,2	25	29	35,5	41	50,5	54	79,5	92	103	121	130	138	159	183	205	243	267	290

• = Available

= Pressure in bar

Ordering:

Spray angle	->	15°
Working pressure	->	7 bar
Capacity you want	->	30 liters per minute
Capacity size number	->	50

Article code: **NOZ1550**

Nozzle Protections

Material : Plastic, meeting EU-regulation 1935/2004/EG

Fixation : Between nozzle and lans

Article no.	Description
NOPRON1/4-B	Nylon nozzle protection 1/4” blue
NOPRON1/4-R	Nylon nozzle protection 1/4” red
NOPRON1/4-Y	Nylon nozzle protection 1/4” yellow
NOPRON1/4-G	Nylon nozzle protection 1/4” green
NOPRON1/4-BL	Nylon nozzle protection 1/4” black
NOPRON1/4-W	Nylon nozzle protection 1/4” white
NOPRON1/4-GR	Nylon nozzle protection 1/4” grey

Material : EPDM rubber

Fixation : pressed on nozzle

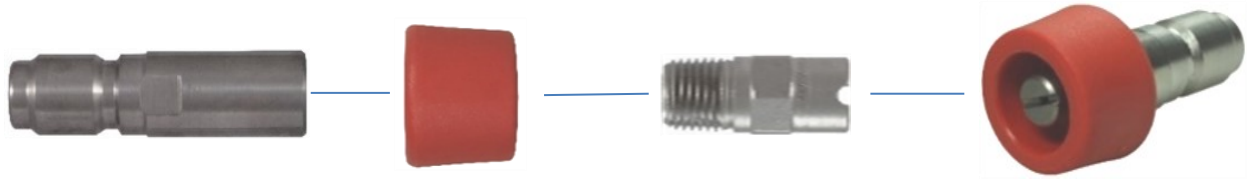
Article no.	Description
NOPROT1/4-B	Rubber nozzle protection 1/4” blue
NOPROT1/4-R	Rubber nozzle protection 1/4” red
NOPROT1/4-Y	Rubber nozzle protection 1/4” yellow
NOPROT1/4-G	Rubber nozzle protection 1/4” green
NOPROT1/4-BL	Rubber nozzle protection 1/4” black

Examples of assembled lances

Can be used with both the protected ball valves and cleaning guns with quick couplings

ADAPN1/2-F — NOZ50200 # (50º spray angle; 200 l/min at 20 bar) — NOPRON1/2-W — ADAFN1/2-NR-NW

ADAPN1/4-F-S (short version) — NOZ2530 * (25º spray angle; 30 l/min at 20 bar) — NOPROT1/4-B ** — ADASN1/4-2530B



ADAPN1/4-F (long version) — NOPRON1/4R — NOZ4015 *(40º spray angle; 15 l/min at 20 bar) — ADAPN1/4-4015NR

LANCM22-A (22cm)
LANCM50-A (50cm)
LANCM60-A (60cm)

NOZ50200 # (50º spray angle; 200 l/min at 20 bar) — NOPRON1/2-W

LANCM22-NA-NW (22cm)
LANCM50-NA-NW (50cm)
LANCM60-NA-NW (60cm)

LACX02AS (25cm)
LACX06AS (60cm)
LACX09AS (90cm)
LACX12AS (120cm)

NOZ1530 * (15º spray angle; 30 l/min at 20 bar) — NOPROT1/4-G **

LACX02ASPG1530 (25cm)
LACX06ASPG1530 (60cm)
LACX09ASPG1530 (90cm)
LACX12ASPG1530 (120cm)

LACP07 (70cm)
LACP09 (90cm)
LACP12 (120cm)

NOPRON1/4-BL — NOZ0030 *(0º spray angle; 30 l/min at 20 bar)

LACP07ASNZ0030 (70cm)
LACP09ASNZ0030 (90cm)
LACP12ASNZ0030 (120cm)

LACX02A (25cm)
LACX06A (60cm)
LACX09A (90cm)
LACX12A (120cm)

NOPROT1/4-RVS — NOZ2530 * (25º spray angle; 30 l/min at 20 bar)

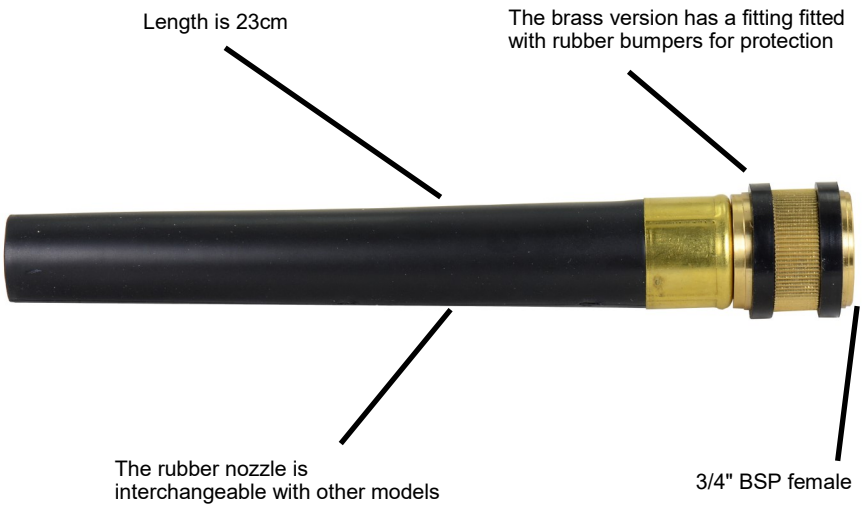
LACX02ARR1530 (25cm)
LACX06ARR1530 (60cm)
LACX09ARR1530 (90cm)
LACX12ARR1530 (120cm)

* Stainless steel nozzle with 1/4“ male thread (see “Nozzles” page)
** EPDM protection for 1/4” nozzle in multiple colours (see page “Nozzle protections”)
*** Nylon protection for 1/4” nozzle in multiple colours (see page “Nozzle protections”)
\# Foam nozzle 1/2” male thread

Water Saver

Self-closing and therefore economical with water

Save money by saving water. All versions can be used for cold and hot water. Water is only consumed when pressure is applied to the end of the Water Saver (see illustration). This substantially reduces water consumption.



The Water Saver is made of a rubber compound suitable for use of water with a maximum temperature of 65 °C in continuous use or 100 °C in sporadic use i.c.w. the necessary personal protection. The Water Savers can be used up to a maximum pressure of 7 bar.

The rubber nozzle is interchangeable with other models. Contact us for article numbers of these nozzle parts.

St. st. model AKWRR01, 3/4" BSP female inlet

Available models:

In brass:

AKWMS01

AKWMM01

AKWML01

AKWMR01

In stainless steel (304):

AKWRS01

AKWRM01

AKWRL01

AKWRR01

All article numbers in **bold** are available from stock.

Article numbers brass versions:			
AKWMS01	**AKWMM01**	**AKWML01**	**AKWMR01**
Article numbers stainless steel (304) versions, with FDA grade rubber:			
AKWRS01	**AKWRM01**	**AKWRL01**	**AKWRR01**
Model S:	***Model M:***	***Model L:***	***Model R:***
Flat spray orifice	Large orifice	Medium orifice	Small orifice
	Ø 13 mm	Ø 9 mm	Ø 4,5 mm
flow at 4,5 bar = 13 l/min	flow at 4,5 bar = 23 l/min	flow at 4,5 bar = 23 l/min	flow at 4,5 bar = 17 l/min

Blue Nozzle

The unique and economical water sprayer for industrial use

The Blue Nozzle fits comfortably in your hand and is easy to operate. Bending the rubber spout with your thumb opens a valve and sprays water from the nozzle. The further you bend the spout, the more powerful the jet becomes. One can therefore spray objects clean from very powerful to very gentle. If you release the rubber spout, the water pressure closes the valve and the spraying stops immediately.

The simplicity of design the materials used makes the Blue Nozzle virtually indestructible. One can drive over it with heavy equipment without affecting its operation.

Technical Specifications

- Available with 3/4" BSP female and flat seal
- Maximum pressure 10 bar
- Maximale temperature 65 °C
- Water flow: 13,5 l/min at 2,5 bar
- The nozzle is made of EPDM rubber in blue colour
- The fittings are made of brass
- The length is 230 mm
- The diameter is 45 mm

Although all materials can handle temperatures up to 65 ºC, special precautions are recommended if hot water is used.

Available model:

BWNM045

All article numbers in **bold** are available from stock.

Spray gun with adapter outlet

At AKBO, we have a special model of cleaning gun that is ideal to use with a lance for foam cleaning, rinsing and disinfection. This gun has a special outlet where the nozzle and quick connector are integrated. You can use this gun without a lance as a cleaning gun and, if required, equip it with a lance or foam tank.
We developed it for the commercial kitchen to clean with foam without metering pumps and/or compressed air. It is available as a complete set with hose and quick connectors. What else you need is a water tap and detergent. The gun is available in brass and plastic.

Here are some examples:

Do you have any questions about our cleaning guns or would you like more information? Feel free to contact us. We are ready to answer all your questions and help you find the best cleaning gun for your application. At AKBO, we offer a large selection of cleaning guns for a wide variety of cleaning jobs.

Heavy duty spray gun with adapter outlet

The adapter output is designed for rinsing without the need for a lance

One spray gun for:

Foaming without the need for compressed air

Rinsing with variable jet

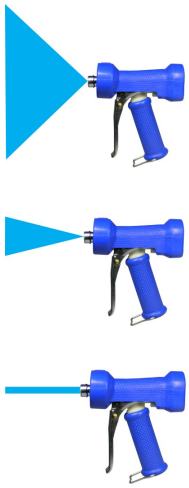
Connectable to a gel/foam tank

Desinfecting and rinsing with one gun

For use in:

Food industry

Kitchens



Variable jet

Picture	Article no.	Description
	AKMNAP2-B	Brass spray gun with adapter outlet with bracket. Max. temp. 95 °C, max. pressure 24 bar and weight 960 g.
	AKMNA02-B	Brass spray gun with adapter outlet. Max. temp 95 °C, max. pressure 24 bar and weight 935 g.
	AKNNNA02-B	Plastic (PA66) spray gun with adapter outlet. Max. temp. 50 °C, max. pressure 12 bar and weight 550 g.

Accessories for gun with adapter outlet

Picture	Article no.	Description
	LANFC01	Nylon foam lance with brass chrome-plated quick coupling
	LANFRC1	Nylon foam lance with stainless steel quick coupling
	LANFC02	Foam lance with brass chrome-plated quick coupling
	LANFC30	Lance stainless steel 30cm with brass chrome-plated quick coupling and foam lance
	LANFC60	Lance stainless steel 60cm with brass chrome-plated quick coupling and foam lance
	LANFC90	Lance stainless steel 90cm with brass chrome-plated quick coupling and foam lance
Protected nozzle	**LARC030**	Lance stainless steel 30cm with brass chrome-plated quick coupling and rinsing nozzle
	LARC060	Lance stainless steel 60cm with brass chrome-plated quick coupling and rinsing nozzle
	LARC090	Lance stainless steel 90cm with brass chrome-plated quick coupling and rinsing nozzle
	TANKC01	Gel/foam tank (1L) with brass chrome-plated quick coupling
	TANK01-D	Tank with lid, plastic
	KITF01	Foam kit with 15 meters of hose, AKNNA02-B plastic gun, TANKC01, manual and matching fittings. All packed together in a sturdy box. **Also available with an additional TANK01-D** **(item no. KITF01A)**

For the adapter of this gun there are separate quick connectors available with 3/4” GHT male thread and flat seal. These are made in chrome plated brass or stainless steel and go under the article numbers AKC1121-GHT (brass chromed) and AKR1121-GHT (stainless steel).

Foam kit KITF01A

You can get started right away

Completely packed in sturdy cardboard box

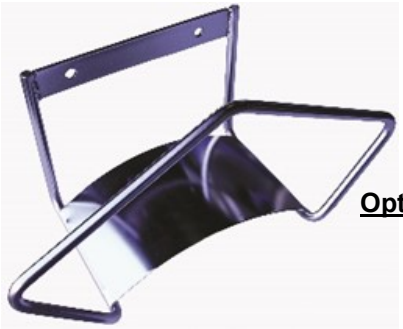
An economical professional and practical set for efficient foaming, disinfecting and rinsing of small and medium-sized surfaces. Areas of application: commercial kitchens, butcher shops, supermarkets, saunas, etc.

The set includes all parts to get started immediately. You only need a tap to connect the supplied hose.

Dial position	0	1	2	3	4	5
Concentration	12%	3,5%	3%	2,25%	1,5%	0,75%

Content of foam kit KITF01A

Picture	Article no.	Description
	AKNNA02-B	Spray gun made of fibreglass-reinforced PA66. The shaft of the nozzle has both an EPDM and a VITON O-ring and is fitted with a chrome-plated adapter outlet.
	TANKC01	1-litre gel/foam tank with foam lance, dispensing head, suction nozzle and chrome-plated quick-release coupling.
	TANK01-D	1 litre gel/foam tank with lid.
	PF13-15-44-C	15 m PVC hose 12 mm with 2x NiTO CLICK quick coupling.
	AK59640A3	NiTO CLICK 1/2" chrome-plated adapter with 1/2" BSP male thread.
	AK5961GA3	NiTO CLICK 1/2" chrome-plated adapter with 1/2" + 3/4" BSP and M22x1 female thread.



Optional: stainless steel hose rack REKFR30

Spray heads

Spray heads are also part of the AKBO range. The differences between these spray heads are the material used, size, weight and water consumption. A spray head is not self-closing like a cleaning gun. Opening and closing, as well as adjusting the spray pattern, is done by turning the head. They are available with or without handle, from a large size with a hefty capacity for site cleaning, for example, to a small size.

They can possibly serve as a replacement for a cleaning gun. One then does not have to continuously squeeze the operating lever, which can be an advantage in long-term cleaning jobs. For the robust nozzles and the water-saving nozzles, loose handles are available in brass and stainless steel.

Below are some examples of spray heads.

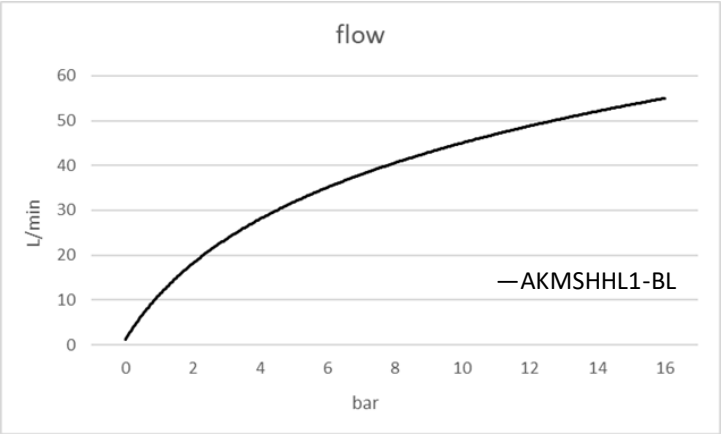
Do you have any questions about our spray heads or would you like more information? Feel free to contact us. We are ready to answer all your questions and help you find the best product for your application. At AKBO, we offer a large selection of cleaning guns for a wide variety of cleaning jobs.

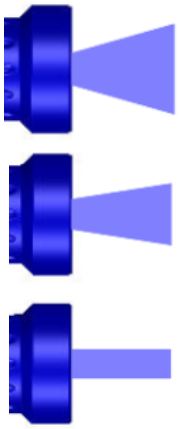
Water-saving spray head

The water-saving spray head is ideal for longer cleaning jobs with a powerful spray and economical use of water. The turnable head allows you to accurately adjust the spray angle and then spray for a long time without effort. It is available in brass and stainless steel and is also available in combination with an ergonomic handle.
This spray head is perfectly interchangeable with our regular cleaning gun (the AKMN001 and KLMN001 series), as the water consumption is identical.

Applications
For cleaning machinery, animals and floors in agriculture, riding stables and in the food industry.

Although all materials can handle temperatures up to 80 ºC, special precautions are recommended if hot water is used. **The nozzle is not suitable for steam!**





Water flow at fully opened nozzle, depending on pressure

A swivel coupling on a nozzle improves user-friendliness and extends the life of the hose. See the "swivel couplings" page for more information.

Available models:

AKMSHHL1-BL (Brass)
AKRSHHL1-BL (Stainless steel)

AKMSHL1-B (Brass, head with blue grip GRIPML1-B)
AKRSHL1-B (Stainless steel, head with blue grip GRIPRL1-B)

All article numbers in **bold** are available from stock.

Technical specifications

	AKMSHL1-B	**AKRSHL1-B**
Weight	510 g	550 g
Dimensions (L x outer Ø)	195 x 50 mm	195 x 50 mm
Material of head	Brass HPb59-3 and POM	Stainless steel (AISI 304) and POM
Material of grip	Brass HPb59-3 and EPDM	Stainless steel (AISI 304) and EPDM
Material of screw	Stainless steel (AISI 304)	Stainless steel (AISI 304)
Maximum pressure	16 bar	16 bar
Maximum temperature	80 °C	80 °C
Connection of head	1/2” BSPP male	1/2” BSPP male
Connection of grip	1/2” BSPP female	1/2” BSPP female

Robust spray head

For cleaning with cold or hot water, with adjustable jet

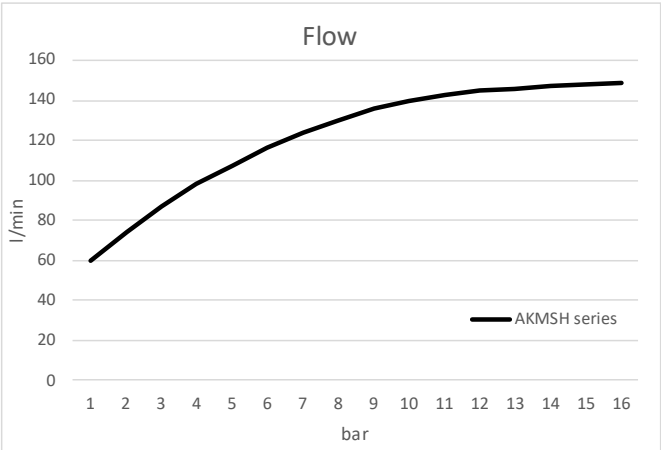
This spray head is a handy nozzle for powerful cleaning with plenty of water. The water jet is adjustable by turning the head. This also opens or closes the nozzle. With this nozzle, we recommend the GRIPM01- and GRIPR01-Series handles, available in brass or stainless steel.

The stainless steel AKRSHH4-series meets food requirements according to EG2023/2006 and EG 1395/2004 art. 3.

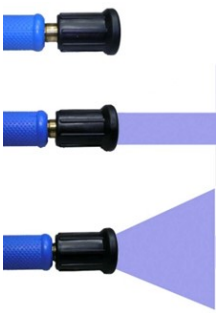
Technical Specifications

- Interior is made of brass or stainless steel, housing of POM
- EPDM seals (EG2023/2006 and EG 1395/2004 art. 3)
- Maximum pressure 16 Bar
- Maximum temperature 80 ºC
- Connection on version with only the head: 1/2" BSP male thread, on version with head and handle: 1/2" BSP female thread.
- Weight head 200 grams, head with handle 525 / 550 grams
- Adjustable from wide mist jet to powerful straight jet
- Water jet can be controled by turning the head
- Jacket of the handle in EPDM rubber

Although all materials can handle temperatures up to 80ºC, special precautions are recommended if hot water is used. **These nozzles are not suitable for steam!**



Water flow with fully opened nozzle, depending on pressure



A swivel coupling on this nozzle improves user-friendliness and extends the life of the hose. See the "swivel couplings" section for more information.

Available models:

In brass:
AKMSH03-B (blue)
AKMSH03-R (red)
AKMSH03-W (white)
AKMSHH4-BL (head, black)

In stainless steel:
AKRSH03-B (blue)
AKRSH03-R (red)
AKRSHW3-W (white)
AKRSHH4-BL (head, black)
AKRSHH4-W (head, white)

All article numbers in **bold** are available from stock.

Applications

Process industry

Abattoirs

Meat and fish industry

Breweries

Beverage industry

Industrial kitchens

Dairy industry

Handles in brass or stainless steel

Available in two different models

Brass or stainless steel handle with ergonomically shaped non-slip rubber cover. It has 2 x 1/2" BSP female thread connections flat sides for easier mounting. The use of this handle makes it comfortable to use a nozzle from the AKMSH- or AKRSH-series for long periods of time.

GRIPRL1-B

Handle in brass or stainless steel with non-slip rubber cover. It has 2 x 1/2" BSP female thread connections. The use of this handle makes it comfortable to work with a nozzle from the AKMSH- or AKRSH-series for long periods. It is available in blue, white and red.

GRIPR01-R/W/B

Available models:

GRIPRL1-B (stainless steel)

GRIPML1-B (brass)

In brass
GRIPM01-B (blue)
GRIPM01-W (white)
GRIPM01-R (red)

In stainless steel
GRIPR01-B (blue)
GRIPR01-W (white)
GRIPR01-R (red)

All article numbers in **bold** are available from stock.

Technical specifications

	GRIPM01-B/R/W	GRIPR01-B/R/W	GRIPML1-B	GRIPRL1-B
Material body	Brass	Stainless steel	Brass	Stainless steel
Material cover	EPDM	EPDM	EPDM	EPDM
Connection	2x 1/2" BSP female	2x 1/2" BSP female	2x 1/2" BSP female	2x 1/2" BSP female
Dimensions L x ∅	105 x 44 mm	105 x 44 mm	115 x 44 mm	115 x 44 mm
Weight	300 g	360 g	300 g	340 g

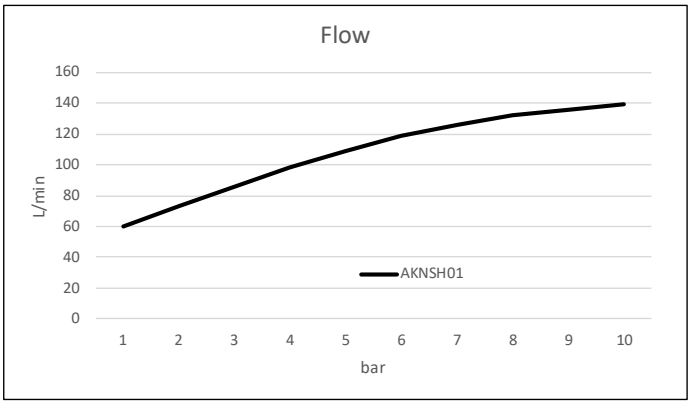
Lightweight spray head

The lightweight spray head is a strong and easy-to-handle nozzle for cleaning and rinsing with high water capacity. This product is positioned alongside our metal, heavy duty nozzles and is aimed at users who value lower weight and/or price.

Technical Specifications

- Only 245 grams in weight
- Length 239 mm
- Comfortable ergonomic handle
- Handle and head are made of blue polypropylene
- The nozzle is made of brass
- Maximum working pressure 10 bar
- Maximum temperature 50 °C
- Adjustable spray pattern, from wide (soft) to narrow (hard)
- The spray head can be openened and closed by turning the head
- Connection 3/4" BSP male thread

Although all materials can handle temperatures up to 50 ºC, special precautions are recommended if hot water is used.



Water consumption at fully opened nozzle, depending on pressure

A swivel coupling on a gun improves user-friendliness and extends the life of the hose. See the "swivel couplings" section for more information.

Available model:

AKNSH01-B

All article numbers in **bold** are available from stock.

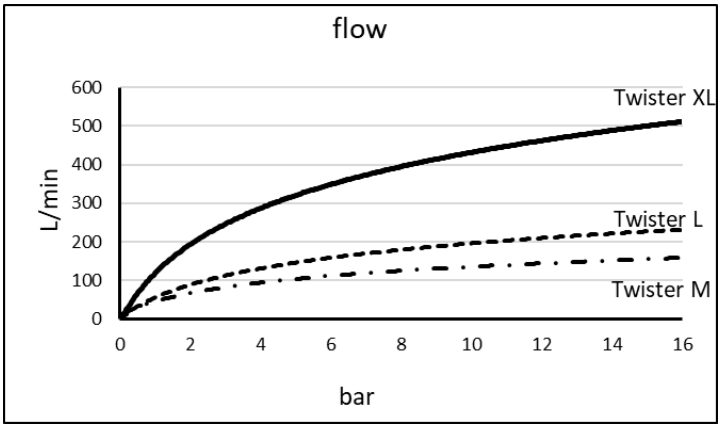
Twister series spray heads

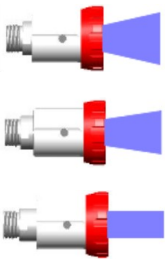
The Twister series nozzles are professional sprayers with a high water flow. They are ideal for cleaning large areas or objects in a short time. With the turnable head, you can open and close the nozzle, accurately adjust the spray angle and then spray with it effortlessly.
They are available in three sizes: the Twister XL with a 1" connection, the Twister L with a 3/4" connection and the Twister M with a 1/2" connection.

Applications
Truck cleaning, ship cleaning, tank cleaning, site cleaning, etc..

For the Twister L and XL, we have designed an optional EPDM protective sleeve. This bright red sleve can be slipped over the white POM. It protects the Twister spray head from damage when dropping it on the floor. This ensures everything is convienent and secure, which is definitely a benefit!

Although all materials can handle temperatures up to 60 ºC, special precautions are recommended if hot water is used.





Water flow with fully opened nozzle, depending on pressure

Available models:

TWRWR02M
1/2" BSPP male, 60° conical seal

TWRWR02L
3/4" BSPP male, 60° conical seal

TWRWR02XL
1" BSPP male, 60° conical seal

TW02L-SL
Sleeve for Twister L
TW02XL-SL
Sleeve for Twister XL

All article numbers in **bold** are available from stock.

Technical specifications

	TWRWR02XL	TWRWR02L	TWRWR02M
Weight	800 g	480 g	345 g
Dimensions (L x W)	120 x 79 mm	116 x 63 mm	113 x 55 mm
Materials of body	St. st. (AISI 304),POM, EPDM	St. st. (AISI 304), POM, EPDM	St. st. (AISI 304), POM, EPDM
Maximum pressure	16 bar	16 bar	16 bar
Maximum temperature	60 °C	60 °C	60 °C
Connection	1" BSPP male, 60° con. seal	3/4" BSPP male, 60° con. seal	1/2" BSPP male, 60° con. seal

Quick couplings

AKBO has a wide selection of quick couplings and adapters. These can be used to connect guns to hoses and are handy for quickly changing guns and/or accessories, like lances etc.. We have different systems of which the DN12 system is the most commonly used. Certain couplings are available with a non-return valve.

For our guns and ball valves, we use quick-release couplings of the DN12 system. For these, protections are also available in EPDM and nylon. In addition, a wide range of adapters is available.

The DN20 system has a larger diameter of 18 or 20 mm and is available with a non-return valve.

A range is also in stock for users of Snaptite couplings.

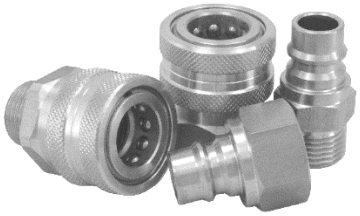
NiTO water couplings are available in chrome plated brass and stainless steel in sizes 1/2", 3/4" and 1".

The NiTO "Click" coupling system is compatible with most popular plastic couplings and available in 1/2" and 3/4" sizes.

Below are some examples of our quick connectors.

DN12

DN20



Snaptite compatible

NiTO water couplings in 1/2” 3/4” en 1”

NiTO “Click” couplings

Do you have any questions about our quick connectors and adapters or would you like more information? Feel free to contact us. We are ready to answer all your questions and help you find the right quick coupling and/or adapter for your application.

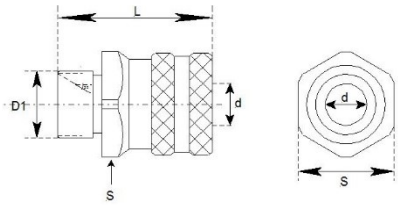
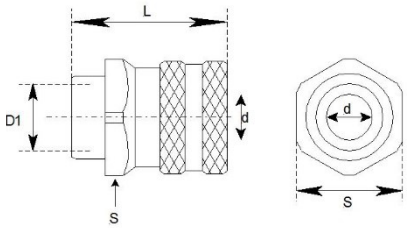
At AKBO, we offer a large selection of products for a wide variety of cleaning jobs.

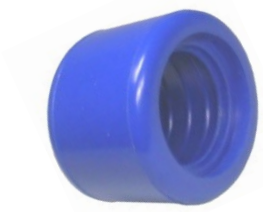
Stainless steel quick couplings and adapters DN12

The stainless steel couplings and adapters simplify the connection of spray guns to hoses, lances and any other parts. To protect both couplings and floor, in case of falling on the ground, protections are available in several colours. The couplings comply with food contact standards in accordance with FDA 21 CFR 177.2600.

Technical specifications

Housing and ring	:	RVS AISI 303
Spring and circlip	:	RVS AISI 301
Balls	:	RVS AISI 316L
Seal	:	VITON (FDA)
Max. pressure	:	200 bar
Max. temperature	:	100 ºC

Quick couplings		Article no.	L (mm)	d (mm)	D1 (BSP)	S (mm)
		COUPL3/8-M	49,5	10,0	3/8“ M	30
		COUPL1/2-M	49,5	11,8	1/2” M	30
		COUPL1/4-F	44,0	11,8	1/4” F	30
		COUPL3/8-F	44,0	11,8	3/8” F	30
		COUPL1/2-F	44,0	11,8	1/2” F	30
		COUPL3/4-F	44,0	11,8	3/4” F	32



COPROT1-B (blue)

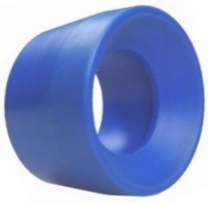
COPROT1-BL (black)

COPROT1-Y (yellow)

EPDM protection for COUPL-series

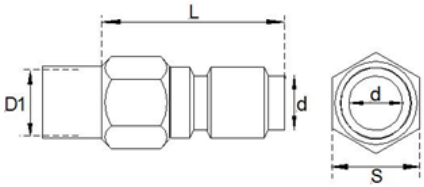
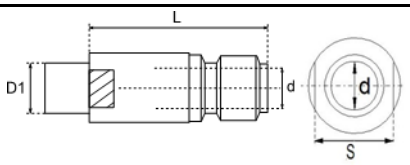
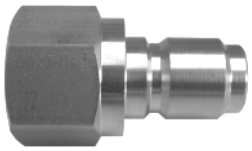
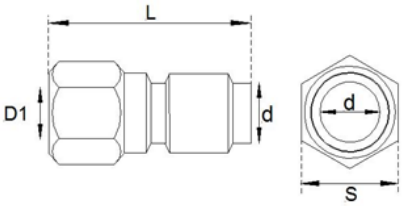
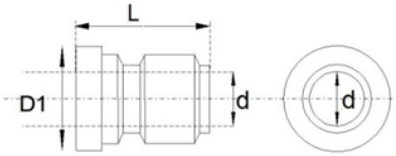
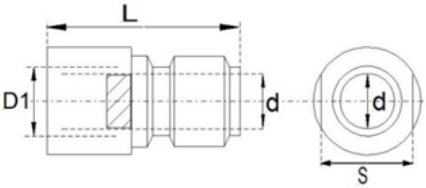
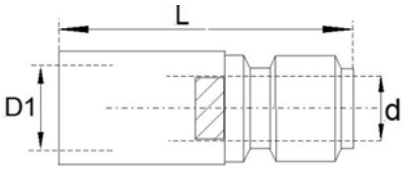
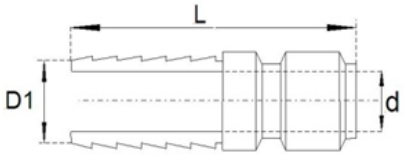
Also available with your own logo.
See our page with information on personalisation.

COUPL1/2-F-B
(COUPL1/2-F + COPROT1-B)



COPRON2-B (blue)
Nylon protection for COUPL-series.

COUPL1/2-M-NB
(COUPL1/2-M + COPRON2-B)

Adapters		Article no.	L (mm)	d (mm)	D1 (BSP)	S (mm)
		ADAPT3/8-M ADAPT1/2-M	39,0 39,8	10,4 11,8	3/8“ M 1/2” M	22 22
		ADAPN1/4-M	42,0	8,0	1/4” M	16
		ADAPT1/4-F ADAPT1/2-F	40,3 49,3	11,8 11,8	1/4” F 1/2” F	22 27
		ADAPW-11,5	30,0	11,5	19,9	-
		ADAPN3/8-F ADAPN1/2-F	42,0 42,0	11,5 11,5	3/8” F 1/2” F	19 22
		ADAPN1/4-F	55,2	11,5	1/4” F	17
		ADAPN1/4-S	40,3	11,5	1/4” F	17
		ADAPH13 ADAPH16 ADAPH19	57,5 64,0 65,2	10,0 10,0 10,0	D1 (mm) 12,8-13,3 15,8-16,8 19,1-19,9	

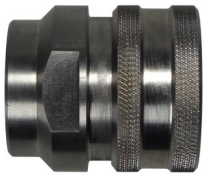
Stainless steel quick couplings and adapters DN20

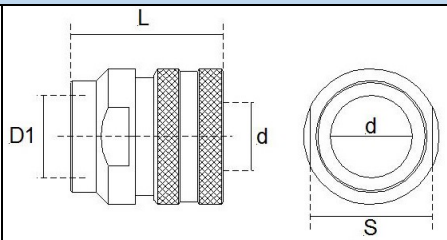
Besides the standard version, this series of quick couplings with 18 mm passage also has a version with internal non-return valve for both the coupling and the adapter. The valve of the quick coupling is opened by connecting an adapter. The adapter with valve can only be used in combination with the coupling with valve.

Technical specifications

Material	:	Stainless steel AISI 303
Max. pressure	:	80 bar
Max. temperature	:	100 ºC
Seal	:	COUP20V-1/2F : VITON
		ADAP20V-1/2F : VITON
		COUP200-3/4F : NBR

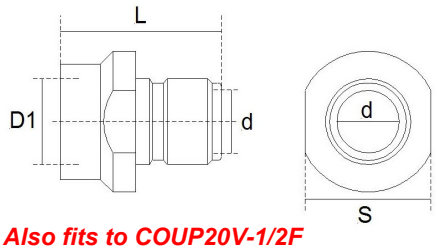
Quick release coupling and adapter DN20





Coupling with 3/4” female thread

Article no.	L (mm)	D (mm)	D1 (mm)	S (mm)
COUP200-3/4F	45	20	3/4”	36

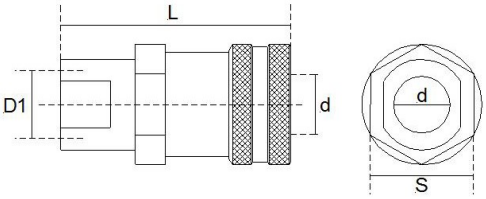


Also fits to COUP20V-1/2F

Adapter with 1/2” or 3/4” female thread

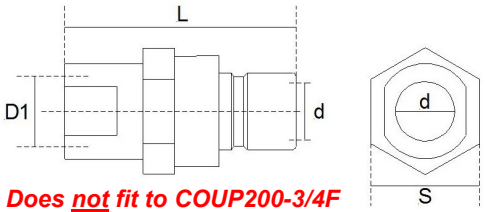
Article no.	L (mm)	D (mm)	D1 (mm)	S (mm)
ADAP200-1/2F	46	18	1/2”	26
ADAP200-3/4F	46	18	3/4”	36

Quick release coupling and adapter DN20 with valve



Coupling with valve, 1/2” female thread

Article no.	L (mm)	D (mm)	D1 (mm)	S (mm)
COUP20V-1/2F	76.7	20	1/2”	36



Does not fit to COUP200-3/4F

Adapter with valve, 1/2” female thread

Article no.	L (mm)	D (mm)	D1 (mm)	S (mm)
ADAP20V-1/2F	76.7	18	1/2”	36

Stainless steel quick couplings and adapters

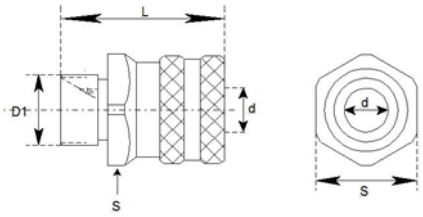
Snaptite compatible

These stainless steel couplings are compatible with the Snaptite type. The stainless steel couplings and adapters simplify the connection of spray guns to hoses, lances and any other parts.

Technical specifications

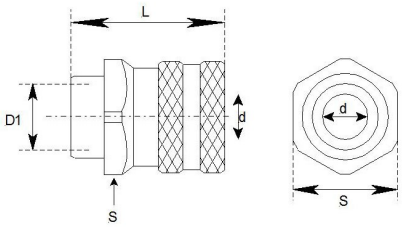
Housing and ring : RVS AISI 303
Spring and circlip : RVS AISI 301
Balls : RVS AISI 420
Max. pressure : 200 bar
Max. temperature : 100 ºC
Seal : VITON

Quick couplings



Quick coupling with 1/2” BSP male

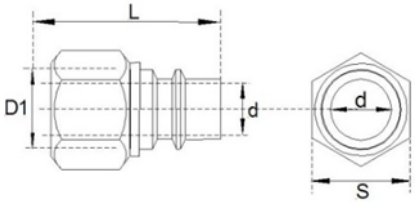
Article no.	L (mm)	D (mm)	D1 (BSP)	S (mm)
COUSB1/2-M	47,0	11,0	1/2”	30,0



Quick coupler with 1/2” BSP female

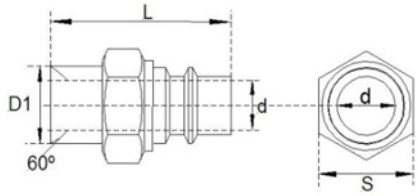
Article no.	L (mm)	D (mm)	D1 (BSP)	S (mm)
COUSB1/2-F	41,4	16,0	1/2”	30,0

Adapters



Adapter with 1/2” BSP female

Article no.	L (mm)	D (mm)	D1 (BSP)	S (mm)
ADSNB1/2-F	37,5	11,8	1/2”	27,0



Adapter with 1/2” BSP male

Article no.	L (mm)	D (mm)	D1 (BSP)	S (mm)
ADSNB1/2-M	45,3	11,8	1/2”	22,0

NiTO water couplings

Technical specifications

	Chrome plated brass	Stainless steel (AISI 316L)
Seal **Max. pressure** **Max. temp.**	Nitrile 25 bar -30 ºC to +100 ºC	VITON 25 bar -20 ºC to +150 ºC

1/2” Series

Photo	Article no.		Description
	Chrome plated brass	Stainless steel	
	AK53500A3	AK54500A3	NITO 1/2" coupling with 1/2" BSP female thread + flat seal
	AK53520A3	AK54520A3	NITO 1/2" coupling with 3/4" BSP female thread + flat seal
	AK5352GA3		NITO 1/2" chrome plated coupler with 1/2" + 3/4" BSP and M22x1 female thread and flat seal
	AK5350NA3	AK5450NA3	NITO 1/2” coupling with 1/2" BSP male thread
	AK5352NA3		NITO 1/2” coupling with 3/4" BSP male thread
	AK5349SA3		NITO 1/2” coupling with 3/8" hose tail
	AK5350SA3	AK5450SA3	NITO 1/2” coupling with 1/2" hose tail
	AK5350CA5		NITO 1/2” coupling with 5/8" hose tail
	AK5351SA3		NITO 1/2” coupling with 3/4" hose tail
	AK5353RA3		NITO 1/2” coupling with valve and 1/2" + 3/4" BSP female thread
	AK53530A3	AK54530A3	NITO 1/2” coupling with valve and 3/4" BSP female thread
	AK5353NA3		NITO 1/2” coupling with valve and 1/2" BSP male thread
	AK5353SA3	AK5453SA3	NITO 1/2” coupling with valve and 1/2" hose tail
	AK5354SA3		NITO 1/2” coupling with valve and 3/4" hose tail
	AK5361BA3		NITO 1/2” adapter with 3/8" BSP female thread + flat seal
	AK53610A3	AK54610A3	NITO 1/2” adapter with 1/2" BSP female thread + flat seal
	AK5361AA3	AK5461AA3	NITO 1/2” adapter with 3/4" BSP female thread + flat seal
	AK53620A3		NITO 1/2” adapter with M22x1 female thread + flat seal
	AK5361GA3		NITO 1/2” adapter with 1/2" + 3/4" BSP en M22x1 female thread + flat seal
	AK53611A3	AK54611A3	NITO 1/2” adapter with 1/2" BSP male + O-ring
	AK5364BA3		NITO 1/2” adapter with 3/8" BSP female thread
	AK53640A3		NITO 1/2” adapter with 1/2" BSP female thread
	AK5364AA3	AK54615A3	NITO 1/2” adapter with 3/4" BSP female thread
	AK5366AA3		NITO 1/2” adapter with M24x1 female thread
	AK5364NA3		NITO 1/2” adapter with M28x1 female thread
	AK5364TA3		NITO 1/2” adapter with 3/4" male thread and valve

1/2” Series (continued)

Photo	Article no.		Description
	Chrome plated brass	Stainless steel	
	AK5360BA3		NITO 1/2” adapter with 3/8" hose tail
	AK53600A3	AK54600A3	NITO 1/2” adapter with 1/2" hose tail
	AK5360CA3		NITO 1/2” adapter with 5/8" hose tail
	AK5360EA3		NITO 1/2” adapter with 3/4" hose tail
	AK5360AA3	AK5460AA3	NITO 1/2” adapter with 3/4" and 1/2" hose tail
	AK53650A1		NITO 1/2” adapter x 1/2" adapter
	AK53760A1		NITO 1/2” Y-piece 3-way adapter

3/4” Series

Photo	Article no.		Description
	Chrome plated brass	Stainless steel	
	AK63500A3	AK64500A3	NITO 3/4” coupling with 3/4" BSP female thread + flat seal
	AK6350MA3		NITO 3/4” coupling with 5/8" hose tail
	AK6350SA3	AK6450SA3	NITO 3/4” coupling with 3/4" hose tail
	AK63530A3	AK64530A3	NITO 3/4” coupling with valve and 3/4" BSP female thread
	AK6353SA3	AK6453SA3	NITO 3/4” coupling with 3/4" hose tail and valve
	AK6361AA3		NITO 3/4” adapter with 1/2" BSP female thread + flat seal
	AK63610A3	AK64610A3	NITO 3/4” adapter with 3/4" BSP female thread + flat seal
	AK6364AA3		NITO 3/4” adapter with 1/2" BSP male thread
	AK63640A3	AK64611A3	NITO 3/4” adapter with 3/4" BSP male thread
	AK6360BA3		NITO 3/4” adapter with 1/2" hose tail
	AK6360CA3		NITO 3/4” adapter with 5/8" hose tail
	AK63600A3	AK64600A3	NITO 3/4” adapter with 3/4" hose tail
	AK6362AA3		NITO 3/4” adapter with 1/2" + 3/4" hose tail
	AK6360AA3		NITO 3/4” adapter with 3/4" + 1” hose tail

1” Series

Photo	Article no.		Description
	Chrome plated brass	Stainless steel	
	AK73500A3	AK74500A3	NITO 1” coupling with 1” BSP female thread
	AK73530A3		NITO 1” coupling with valve and 1” BSP female thread
	AK7353SA3		NITO 1” coupling with valve and 1” hose tail
	AK73610A3	AK74610A3	NITO 1” adapter with 1” BSP female thread
	AK73640A3	AK74640A3	NITO 1” adapter with 1” BSP male thread
	AK7360BA3		NITO 1” adapter with 3/4" hose tail
	AK73600A3	AK74600A3	NITO 1” adapter with 1” hose tail
	AK7360AA3		NITO 1” adapter with 1” + 1¼” hose tail

Transition pieces

Photo	Article no.		Description
	Chrome plated brass	Stainless steel	
	AK53690A3		Transition piece with 1/2" BSP male and 3/4" BSP female thread
	AK5369BA3		Transition piece with M22x1 male and 1/2" BSP female thread
	AK5369AA3		Tansition piece with M22x1 male and 3/4" BSP female thread
	AK53700A3		Transition piece with 1/2" BSP male and M22x1 female thread
	AK63690A3		transition piece with 3/4" BSP male and 1" BSP female thread
	AK53480A8	AK54490A3	Reducing bush with 3/4" BSP male and 1/2" BSP + M22x1 female thread
	AK53490A8		Reducing bush with 3/4" BSP male and 1/2" BSP female thread
	AK53670A3	AK54670A3	13mm hose tail x 1/2" BSP male thread
	AK63670A3	AK64670A3	19mm hose tail x 3/4" BSP male thread
	AK73670A3		25mm hose tail x 1" BSP male thread

NiTO “Click” couplings

Compatible with most popular plastic couplings

Technical specifications

Material	Chrome plated brass
Seal	NBR / EPDM
Max. pressure	25 bar
Max. temp.	-30 °C to +80 °C

1/2” Series

Photo	Article number		Description
	1/2” Series	3/4” Series	
	AK59820A3		NITO CLICK 1/2" coupler with 1/2" NITO adapter
	AK59810A3		NITO coupler with 1/2" CLICK adapter
	AK5952GA3		NITO CLICK coupler with M22x1, 1/2" and 3/4” BSP female thread
		AK69500A3	NITO CLICK coupler with 3/4” BSP female thread
	AK5950NA3		NITO CLICK coupler with 1/2" BSP male thread
	AK5949SA3		NITO CLICK coupler with 3/8” hose tail
	AK5950SA3		NITO CLICK coupler with 1/2" hose tail
	AK5950CA3		NITO CLICK coupler with 5/8” hose tail
	AK5951SA3	AK6950SA3	NITO CLICK coupler with 3/4” hose tail
	AK59610A3		NITO CLICK adapter with 1/2" BSP female thread
	AK5961GA3		NITO CLICK adapter with M22x1,1/2" and 3/4” BSP male thread
		AK69610A3	NITO CLICK adapter with 3/4” BSP female thread
	AK59640A3		NITO CLICK adapter with 1/2" BSP male thread
	AK5964AA3	AK69640A3	NITO CLICK adapter with 3/4” BSP male thread
	AK59600A3	AK6960BA3	NITO CLICK adapter with 1/2" hose tail
		AK69600A3	NITO CLICK adapter with 3/4” hose tail
	AK5960AA3		NITO CLICK adapter with 1/2" + 3/4” hose tail

Fittings

For connecting hoses, you have a wide choice at AKBO. We recommend the swivel couplings when using our cleaning guns. The hose then lasts longer and it is pleasant for the user to work with.

The swivel hose tail is similar to the swivel coupling and immediately has the option of mounting the hose. Variants of this are also available with anti-kink spring.

The hose tail with union nut is for situations where the hose must be easily coupled and/or uncoupled. We have them with conical seal and with flat seal in stainless steel.

At AKBO, you can have a complete hose assembled, fitted with fittings.

Below are some examples of fittings

Swivels

Swivel tails, also with anti-kink spring

Hose tails with union nut

Hose tails

Do you have any questions about our fittings or would you like more information? Feel free to contact us. We are ready to answer all your questions and help you find the right hose grommet for your application. At AKBO, we offer a large selection of cleaning guns for a wide variety of cleaning jobs.

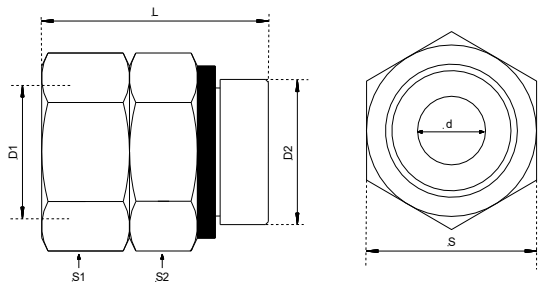
Ball-bearing swivels

AKBO ball-bearing swivels are available in brass, chrome-plated brass and stainless steel (AISI 316).

Using a ball-bearing swivel on a hose with a water gun will have a positive effect on operator comfort and hose life.
The brass swivel fittings have EPDM (FDA) seals, while the stainless steel versions have VITON (FDA) seals.

The swivels can be used up to an operating pressure of 30 bar and up to a temperature of 95 ºC.
Other sizes are available on request (only for high quantities).

Male x Female

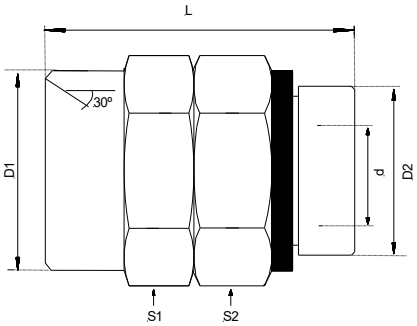


Sizes L, d, S1 and S2 in mm

Brass	Chrome-plated brass	Stainless steel	L	d	D1	D2	S1	S2
SWM09-12	SWC09-12	SWR09-12	40	9	1/2”	1/2”	27	27
SWM09-34	SWC09-34	SWR09-34	40	9	3/4”	1/2”	30	27
SWM14-34		SWR14-34	59	14	3/4”	1/2”	30	27
SWM14-34x34		SWR14-34x34	40	14	3/4”	3/4”	30	30
SWM18-1x1		SWR18-1x1	49	18	1	1”	36	36

Male x Male

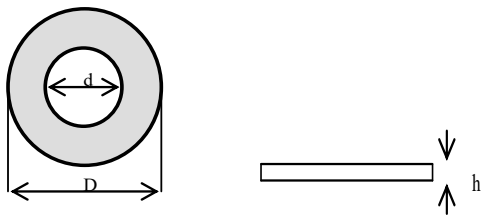
On request



SWM09-12Mx12M		SWR09-12Mx12M	46	9	1/2"	1/2"	27	27
SWM09-12Mx34M		SWR09-12Mx34M	48	9	3/4"	1/2"	27	27

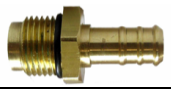
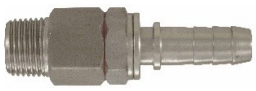
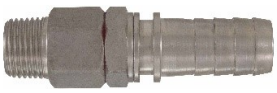
Flat seals

EPDM (FDA)	Viton (FDA)	Sizes in mm		
Male thread	Male thread	d	D	H
SWSEM 1/2	SWSVM 1/2	17	26	2
SWSEM 3/4	SWSVM 3/4	23,5	32	2
Female thread	Female thread			
SWSEF 1/2	SWSVF 1/2	11	23	2
SWSEF 3/4	SWSVF 3/4	15	27	2



Swivel hose tails

Swivel hose tails can be used for a swivel connection between a hose and spray gun for greater comfort in use and longer hose life. The hose tails are available in 10 mm, 13 mm, 16 mm and 19 mm, in both brass and stainless steel. They are intended for low pressure up to 24 or 40 bar. The seals of the brass versions are of EPDM (FDA) and of the stainless steel versions of VITON (FDA).

Up to 24 bar	**Article number**	**Description**
	**SWIFM1/2**	Brass swivel hose tail 13mm, 1/2" BSP male thread, max. pressure 24 bar
	SWIFR1/2	Stainless steel swivel hose tail 13mm, 1/2" BSP male thread, max. pressure 24 bar
Up to 40 bar		
	SWIFB10	Stainless steel 316 swivel hose tail 10mm x 1/2" BSPT male, max. pressure 40 bar
	**SWIFB13-C17**	Stainless steel 316 swivel hose tail 13mm x 1/2" BSPT male, 17mm collar, max. pressure 40 bar
	SWIFB13-C20	Stainless steel 316 swivel hose tail 13mm x 1/2" BSPT male, 20mm collar, max. pressure 40 bar
	SWIFB16-C21	Stainless steel 316 swivel hose tail 16mm x 1/2" BSPT male, 21mm collar, max. pressure 40 bar
	**SWIFB19-C24**	Stainless steel 316 swivel hose tail 19mm x 1/2" BSPT male, 24mm collar, max. pressure 40 bar
	SWIFB19-C24-34	Stainless steel 316 swivel hose tail 19mm x 3/4" BSPT male, 24mm collar, max. pressure 40 bar
Anti-kink spring		
	SWIFB13-C17-SP	Stainless steel 316 swivel hose tail 13mm x 1/2" BSPT male, 17mm collar with anti-kink spring (20cm), max. pressure 40 bar
	SWIFB13-C20-SP	Stainless steel 316 swivel hose tail 13mm x 1/2" BSPT male, 20mm collar with anti-kink spring (20cm), max. pressure 40 bar
	SWIFB16-C21-SP	Stainless steel 316 swivel hose tail 16mm x 1/2" BSPT male, 21mm collar with anti-kink spring (20cm), max. pressure 40 bar
	SWIFB19-C24-SP	Stainless steel 316 swivel hose tail 19mm x 1/2" BSPT male, 24mm collar with anti-kink spring (20cm), max. pressure 40 bar

Anti-kink spring

Versions with a welded-on anti-kink spring are available for the most common sizes of these swivel hose tails. This spring ensures that the hose does not kink on the gun side and promotes hose life.

Without anti-kink spring

With anti-kink spring

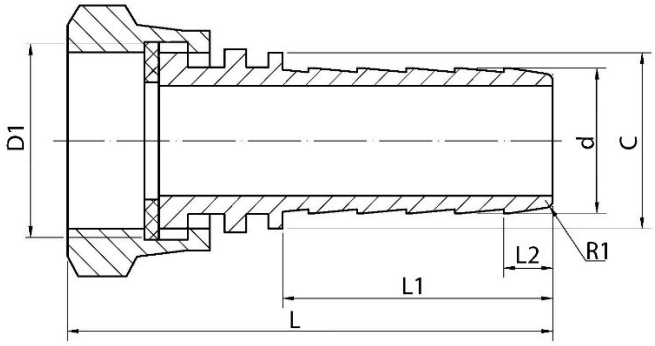
Stainless steel hose tails with union nut

AKBO supplies a practical range of stainless steel (316) hose tails in various sizes, some of which are hard to find on the market. Some examples:

- 13 mm tail with 3/4” female thread
- 19 mm tail with 1” female thread
- 25 mm tail with 1” female thread

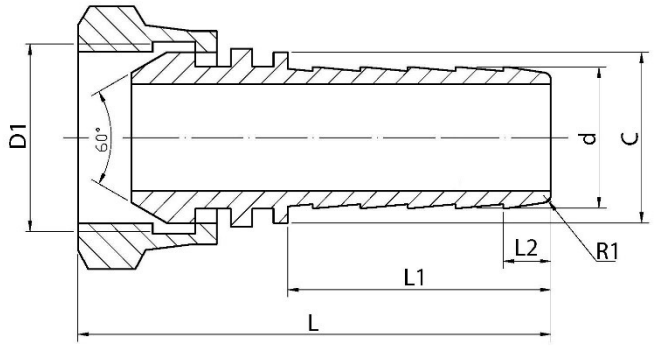
The hose tails are available with 60º conical seal and with flat seal. All tails have a high-quality finish with a rounded edge at the end to prevent damage to the hose.

Material: Stainless steel AISI 316, Seal: **VITON flat seal**



Article number	d (mm)	D1 (BSP)	C (mm)	L (mm)	L1 (mm)	L2 (mm)
RVSW13C17-12F	13,6	1/2”	17	59,0	31,0	6.7
RVSW13C17-34F	13,6	3/4”	17,0	60,5	31,0	6,7
RVSW13C20-12F	13,6	1/2”	20,0	60,5	31,0	6,7
RVSW13C20-12FS*	13,6	1/2”	20,0	60,5	31,0	PM
RVSW13C20-34F	13,6	3/4”	20,0	60,5	31,0	6,7
RVSW19C24-34F	19,8	3/4”	24,0	66,5	37,0	6,7
RVSW19C24-1F	19,8	1”	24,0	66,5	37,0	6,7

Material: Stainless steel AISI 316, Seal: **conical 60° seal**

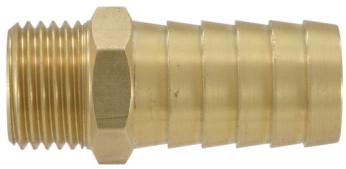


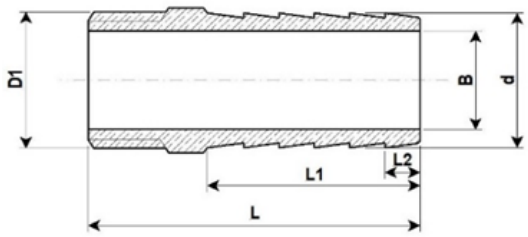
Article number	d (mm)	D1 (BSP)	C (mm)	L (mm)	L1 (mm)	L2 (mm)
RVSW13C17-12C	13,6	1/2”	17,0	60,5	31,0	6,7
RVSW13C20-12C	13,6	1/2”	20,0	60,5	31,0	6,7
RVSW19C24-34C	19,8	3/4”	24,0	66,5	37,0	6,7
RVSW19C24-1C	19,8	1”	24,0	69,5	37,0	6,7
RVSW25C36-1C	25,0	1”	36,0	69,5	40,0	6,7
RVSW16C21-12C	16,8	1/2”	21,0	60,0	31,0	7,2
RVSW16C21-12CS*	16,8	1/2”	21.0	63,0	34,0	PM

Hose tails marked with an * are equipped with a 20cm long anti-kink spring. This spring ensures that the hose does not kink at the end and also promotes the life of the hose. See swivel hose tails for explanation.

Hose tails

Brass



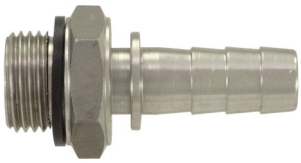


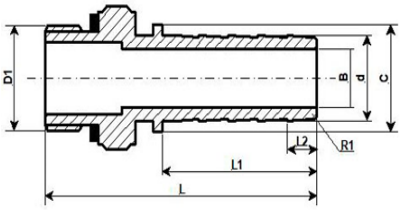
Article no.	d (mm)	D1 (BSP)	B (mm)	L (mm)	L1 (mm)	L2 (mm)
MESS013	14	1/2”	10	48	30	5
MESS019	20,4	1/2”	15	48	30	5
MESS019-3/4T	20,4	3/4” (BSPT)	15	61	38	5,4
MESS025	25	1/2”	19,8	58	37	3

Chrome plated brass with EPDM O-ring

Picture	Article no.	Description
	MESC013	13mm x 1/2” BSP male
	MESC016	16mm x 1/2” BSP male
	MESC019	19mm x 1/2” BSP male

Stainless steel (AISI 316) with VITON flat seal





Article no.	d (mm)	D1 (BSP)	B (mm)	C (mm)	L (mm)	L1 (mm)	L2 (mm)
RVST013-C17	13,6	1/2”	9	17	58,5	31	6,7
RVST013-C17-SP*	13,6	1/2”	9	17	58,5	31	6,7
RVST013-C20	13,6	1/2”	9	20	58,5	31	6,7
RVST013-C20-SP*	13,6	1/2”	9	20	58,5	31	6,7
RVST016-C21	16,8	1/2”	11,5	21	62,2	35	6,8
RVST016-C21-SP*	16,8	1/2”	11,5	21	62,2	35	6,8
RVST019-C24	19,8	1/2”	14	24	66,3	39	6,8
RVST019-C24-SP*	19,8	1/2”	14	24	66,3	39	6,8
RVST025	25,1	1/2”	14	-	58,3	38	3

Hose tails marked with an * are equipped with a long anti-kink spring. This spring ensures that the hose does not kink at the end and also promotes the life of the hose. See swivel hose tails for explanation.

Hoses

At AKBO, we offer a number of different hoses, most of which meet EU and/or FDA food quality standards. They cover much of the market for foam cleaning, disinfection and rinsing. You can choose from PVC or rubber hoses in various diameters.

Whether you prefer a fixed connection or a flexible variant with quick coupling and hose protection, we have the perfect option for you. You can assemble your hose yourself or have us do it for you.

If you are having trouble choosing, we offer a handy PDF called "*Hose_Enquiry.PDF*" on our website, which contains important parameters for good advice. Fill it in and send it to us so that we can advise you on the right hose for you.

Here are some examples of our cleaning hoses:

CT-hose 13,19, 25 mm

FJ-hose 13 mm

SR-hose 13, 19 mm

PF-hose 6, 10, 13 mm

TT-hose 13, 19, 25 mm

Have you made your choice? Then we also have options for neatly storing your hose, such as our hose reels and hose racks. See our section "hose reels and hose racks".

To protect your hose, we have hose protections for hoses of different diameters. They are made of rubber and protect your hose from unwanted kinking. They are also used as a handle, useful in combination with a spray head.

Do you have any questions about our cleaning hoses or would you like more information? Feel free to contact us. We are ready to answer all your questions and help you find the best hose for your application. At AKBO, we offer a large selection of cleaning guns for a wide variety of cleaning jobs.

Cleaning hose CT type

Meets food quality standard EG1935/2004 and FDA

This cleaning hose with smooth outer skin complies with the Food Quality Standard EG1935/2004 and FDA). The CT-hose is a very suitable hose for on a hose reel.

Available models:

CT13-01-00
Inner diameter Ø 13 mm

CT19-01-00
Inner diameter Ø 19 mm

CT25-01-00
Inner diameter Ø 25 mm

All article numbers in **bold** are available from stock.

Technical specifications

Temperature : -35 ºC to +100 ºC (6 bar steam up to +164 ºC)
Working pressure : 30 bar
Burst pressure : 90 bar
Inner skin : Food quality, oil resistant NBR, white, smooth
Reinforcement : Textile
Outer skin : Oil and weather resistant NVC, blue, smooth

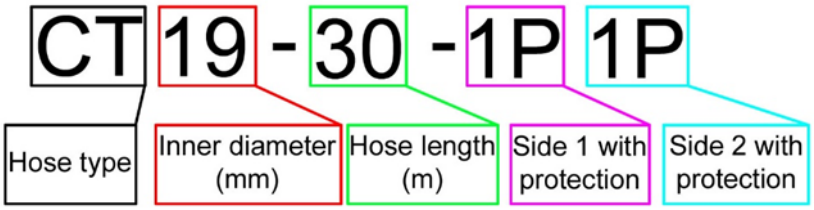
Article number	Inner Ø (mm)	Outer Ø (mm)	Weight (g/m)	Bending radius (mm)	Max. available length (m)
CT13-(m)*-00	13	23	350	75	60
CT19-(m)*-00	19	31	600	105	40
CT25-(m)*-00	25	39	800	120	40
*"(m)" is the length in meters, f.i.: CT19-30-00 for 30 meters CT19 hose					

You can also obtain fully assembled hoses from us.

In this example, we provide 30 metres of CT19 hose with:

Side 1: Hose tail with 1/2" BSP male thread and hose protection

Side 2: Hose tail with 1/2" BSP male thread and hose protection



You will find the correct numbers for the different fittings on the next page. Please let us know what size thread you require on your fitting. For example 1/2", 3/4" or 1". The same goes for quick couplings and adapters.
On the following pages you will find the explanation of hoses with fittings.

Cleaning hose FJ type

With outer skin meeting FDA requirements

This rubber hose has a relative small outer diameter and therefore it fits more comfortably on a hose reel. Relatively speaking this hose is an economical choice. The Foodjet hose is a convenient hose for a hose reel.

Available model:

FJ13-01-00
Inner diameter ø 13 mm

All article numbers in **bold** are available from stock.

Technische Specificaties

Temperature : -40 ºC to +150 ºC
Working pressure : 80 bar
Burst pressure : 240 bar
Inner skin : Synthetic rubber, oil resistant, black
Reinforcement : Two textile inserts with high tensile strength
Outer skin : Food grade according to FDA, oil and environmental resistant

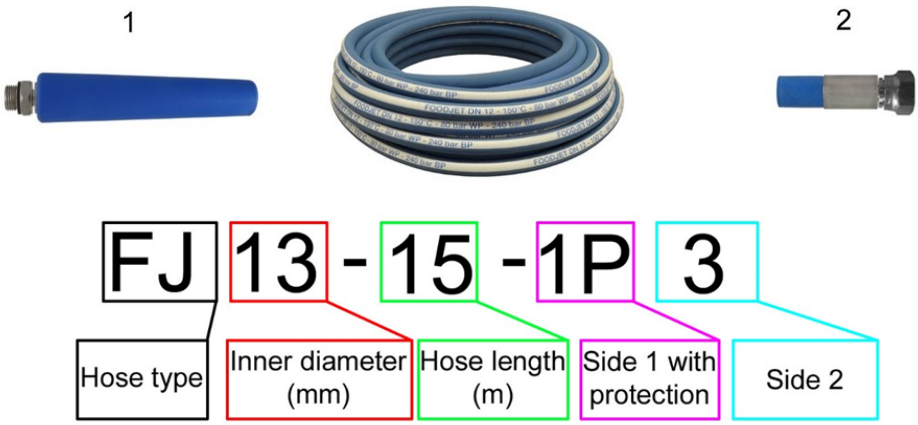
Article number	Inner Ø (mm)	Outer Ø (mm)	Weight (g/m)	Bending radius (mm)	Max. available length (m)
FJ13-(m)*-00	13	19,7	400	63	100
*"(m)" is the length in meters, f.i.: FJ13-20-00 for 20 meter FJ13 hose					

You can also get fully assembled hose from us.

In this example, we provide 20 metres of Foodjet hose with:

Side 1: Swivel 1/2" BSPT male thread with hose protection

Side 2: 1/2" BSP female thread swivel with flat seal



You will find the correct numbers for the different fittings on the next page. Please let us know what size thread you require on your fitting. For example. 1/2", 3/4" or 1". The same goes for quick couplings and adapters. On the following pages you will find explanations about hoses with fittings.

Cleaning hose SR type

Complies with CE 1935/2004 and EU 10/2011 for food contact

This hose is widely used in commercial kitchens. The PVC quality used makes it a comfortable hose to work with. The SR-hose is a suitable hose for hose reels.

Available models:

SR13-01-00
Inner diameter Ø 13 mm

SR19-01-00
Inner diameter Ø 19 mm

All article numbers in **bold** are available from stock.

Technical specifications

Temperature	:	from -5 ºC to +60 ºC
Working pressure	:	SR13: 80 bar at 23 ºC; 48 bar at 60 ºC SR19: 60 bar at 23 ºC; 35 bar at 60 ºC
Inner skin	:	smooth flexible PVC (white), food grade
Reinforcement	:	double polyester yarn
Outer skin	:	smooth flexible PVC (blue/white), food grade
Chemical resistance	:	according to PVC table

Article number	Inner Ø (mm)	Outer Ø (mm)	Weight (g/m)	Bend radius (mm)	Max. available length (m)
SR13-(m)*-00	13	23	350	45	100
SR19-(m)*-00	19	28	460	100	50
* "(m)" is the length in meters, f.i.: SR13-20-00 for 20 meters SR13 hose					

You can also get fully assembled hose from us.

In this example, we provide 20 metres of SR hose with:

Side 1: Swivel 1/2" BSPT male thread with hose protection

Side 2: 1/2" BSP female thread swivel with flat seal

You will find the correct numbers for the different fittings on the next page. Please let us know what size thread you require on your fitting. For example. 1/2", 3/4" or 1", also for quick couplings and adapters.

On the next page you will find an explanation of hoses with fittings.

Water/air hose PF type

Complies with EN ISO 1307:2008, EU1935/2004, EU10/2011 Cat. A/B/C and LFGB

This economical hose is widely used for food, water and air. Produced from non-toxic PVC quality. Suitable for compressed air machines, tools and for transporting liquids and liquid food.

Available models:

PF06-01-00
Inner diameter Ø 6 mm

PF10-01-00
Inner diameter Ø 10 mm

PF13-01-00
Inner diameter Ø 13 mm

All article numbers in **bold** are available from stock.

Technical specifications

Temperature	:	From –20 ºC to +60 ºC
Working pressure	:	PF06 and PF10 : 20 bar at 20 ºC PF13: 15 bar at 20 ºC
Inner skin	:	Smooth flexible PVC of food grade quality (transparant)
Reinforcement	:	Polyester yarn
Outer skin	:	Smooth flexible PVC of food grade quality (transparant with blue print)
Chemical Resistance	:	Limited

Article number	Inner Ø (mm)	Outer Ø (mm)	Weight (g/m)	Bend radius (mm)	Max. available length (m)
PF06-(m)*-00	6	12	110	50	50
PF10-(m)*-00	10	16	155	80	50
PF13-(m)*-00	13	19	190	110	50
"(m)" is the length in meters, f.i.: PF13-20-00 for 20 meters PF13 hose					

Other sizes are available on request.

Fully assembled hoses are also available.

Water hose, TT type

Complies with EN ISO 1307:2008

This hose is very suitable for transporting water. It has a special braided textile layer that prevents it from twisting. It is an economical, smooth PVC water hose for a wide range of applications.

Available models:

TT13-01-00
Inner diameter Ø 12,5 mm

TT19-01-00
Inner diameter Ø 19 mm

TT25-01-00
Inner diameter Ø 25 mm

All article numbers in **bold** are available from stock.

Technical specifications

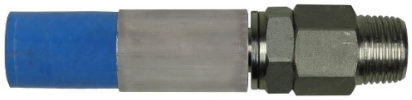
Temperature : –10 ºC to +60 ºC
Working pressure : 10 bar at 20 ºC
Burst pressure : 25 bar
Inner skin : smooth and flexible PVC (black)
Reinforcement : textile yarn
Outer skin : smooth and flexible PVC (yellow)

Article number	Inner Ø (mm)	Outer Ø (mm)	Weight (g/m)	Bend radius (mm)	Max. available length (m)
TT13-(m)*-00	12,5	17	160	125	50
TT19-(m)*-00	19	25	270	125	25 / 50
TT25-(m)*-00	25	32	420	125	50
* "(m)" is the length in meters, f.i.: TT19-20-00 for 20 meters TT19 hose					

Other sizes are available on request.

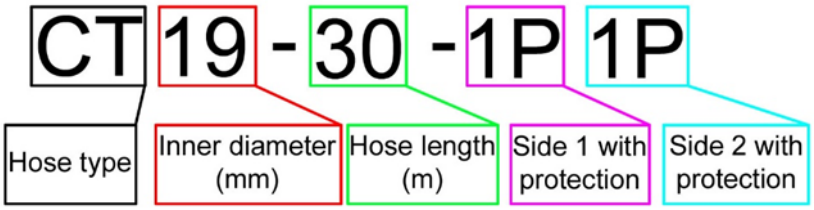
Fully assembled hoses are also available.

Hoses with connections

Option	No.	Description
	0	Open hose
	1	Stainless steel hose tail with ½" BSP male
	2	Stainless steel swivelling hose tail with ½" BSPT male
	3	Stainless steel hose tail with BSP female, flat seal
	3C	Stainless steel hose tail with BSP female, conical seal
	4	Brass chrome-plated quick-release coupling
	5	Brass chrome-plated adapter

Please let us know what size thread you require on your fitting, e.g. ½", ¾" or 1". Also for quick connectors and adapters.

For 1/2" (DN13) and 3/4" (DN19) hose, there is a possibility of fitting a rubber protection. See section "Hose protection" for sizes and colour overview.



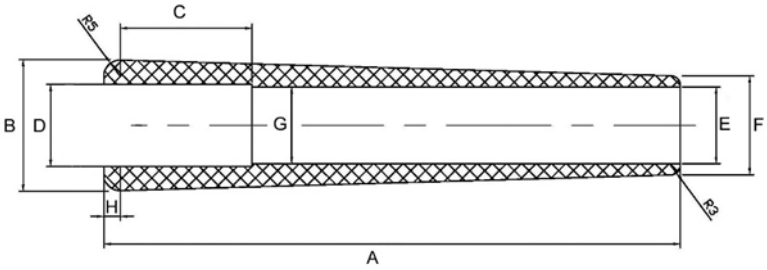
Hose protections

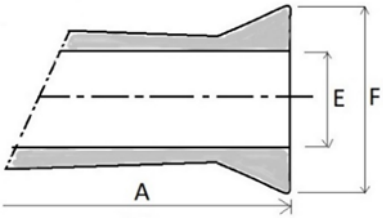
We recommend the rubber hose protection to protect the hose from kinking and as a comfortable grip for the user. They are available in various sizes and colours.

It is possible to order customer-specific sizes and colours starting from 200 pieces.

Article no.	Description
PROHO20.5-B	Rubber hose protection for hoses with max. outer diameter of Ø20.5 mm, blue
PROHO20.5-R	Rubber hose protection for hoses with max. outer diameter of Ø20.5 mm, red
PROHO21-B	Rubber hose protection for hoses with max. outer diameter of Ø21 mm, blue
PROHO21-R	Rubber hose protection for hoses with max. outer diameter of Ø21 mm, red
PROHO22.5-B	Rubber hose protection for hoses with max. outer diameter of Ø22.5 mm, blue
PROHO23-B	Rubber hose protection for hoses with max. outer diameter of Ø23 mm, blue
PROHO23-R	Rubber hose protection for hoses with max. outer diameter of Ø23 mm, red
PROHO23-Y	Rubber hose protection for hoses with max. outer diameter of Ø23 mm, yellow
PROHO23-G	Rubber hose protection for hoses with max. outer diameter of Ø23 mm, green
PROHO27-B	Rubber hose protection for hoses with max. outer diameter of Ø27 mm, blue
PROHO28-B	Rubber hose protection for hoses with max. outer diameter of Ø28 mm, blue
PROHO31-B	Rubber hose protection for hoses with max. outer diameter of Ø31 mm, blue
PROHO31-R	Rubber hose protection for hoses with max. outer diameter of Ø31 mm, red
PROHO31-Y	Rubber hose protection for hoses with max. outer diameter of Ø31 mm, yellow
PROHO31-G	Rubber hose protection for hoses with max. outer diameter of Ø31 mm, green

Article number	A	B	C	D	E	F	G	H	Suitable for
PROHO20.5	146	33	n.a.	20,5	20,5	29	20,5	4	FJ13
PROHO21	175	40	40	23,5	21	30	21	5	
PROHO22.5	148	34,5	37	23	22,5	31	22.5	3	
PROHO23	175	40	40	25	23,3	30	23,3	5	CT13, SR13
PROHO27	175	43	45	28	26,5	33,2	26,5	5	
PROHO28	175	43	45	30	28,5	33,2	28,5	5	SR19
PROHO31	175	48,3	45	33,3	31,3	38	31,3	5	CT19





Other sizes and/or colours are available on request, see the "Personalisation" page.

Hose reels and racks

We also have solutions for storing hoses and containers. There is a wide range of hose reels and hose racks to choose from. You can choose from automatic and manual hose reels from different manufacturers. The differences between these hose reels include the materials used, the conditions where they can be placed, the desired capacity for the number of metres of hose and the working pressure used. We have a number of hose reels in stock and can deliver quickly. If your desired hose reel is not listed, please contact us.

Hose racks can be used for locations where a hose reel is too high an investment.

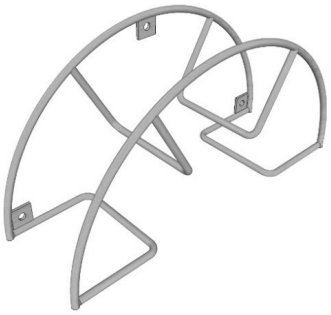
To prevent containers from lying around, there are container racks. Use them to keep containers off the floor and give them a fixed place in the working environment.

Below is a small selection of our hose reels, hose racks and container racks.

Automatic hose reel

Manual hose reel

Hose racks



Container racks

Do you have any questions about our hose reels, hose and container racks or would you like more information? Feel free to contact us. We are ready to answer all your questions and help you find the best cleaning gun for your application. At AKBO, we offer a large selection of hose reels, hose and container racks for a wide variety of cleaning jobs.

Hose reels

Available in different brands, sizes, versions

Our range of hose reels is extensive and diverse. We have various models in stock and also offer hose reels with specific properties. These include high pressure up to 600 bar, ATEX certified, suitable for drinking water, made of stainless steel 316 or plastic. Moreover, we can also supply closed systems made of plastic or stainless steel. If you have any questions about hose reels with specific requirements, do not hesitate to contact us. We are ready to help you.
Below is just a selection of popular we offer. Visit our website for a much wider range. If you did not find what you were looking for, please contact us.

Automatic hose reels

Article no.	Hose diameter 1	Capacity (m) 1	Hose diameter 2	Capacity (m) 2	Max. pressure (bar)	Weight (kg)	Swivelling wall bracket
AKV1000	1/2"	15	3/8"	15	200	13	**ST15**
AKV1100	1/2"	20	3/8"	20	200	18	**ST20**
AKV1200	3/4"	13	1"	8	100	14	**ST20**
AKV3400	1/2"	25	3/8"	25	200	28	**ST34**
AKV3500	1/2"	35	3/8"	35	200	28	**ST30**
AKV3501	3/4"	20	1"	13	100	28	**ST30**
AKV3502	3/4"	25	1"	15	100	28	**ST30**
AKV3503	3/4"	35	1"	25	100	28	ST33
AKV4500	1/2"	40	3/8"	40	200	34	ST22
AKV5000	3/4"	30	1"	25	100	40	ST50
AKV6000	1/2"	60	3/8"	60	200	50	ST60
AKV6001	3/4"	40			100	51	ST60
AKBO884-12-20	1/2"	20			15	31,5	
AKBO884-12-30	1/2"	30			15	31,5	
AKBO884-34-15	3/4"	15			15	31,5	
AT20/12e	1/2"	17			200	16	
AT30/12e	1/2"	25			200	20	
AT40/19e	3/4"	18			200	22	

Manual hose reels

Article no.	Hose diameter 1	Capacity (m) 1	Hose diameter 2	Capacity (m) 2	Max. pressu-re (bar)	Weight (kg)	Swivel-ling wall bracket
AKM9000	1/2"	20	3/8"	20	200	9	ST69
AKM9320	3/4"	20	1	10	100	12	ST69
AKM9520	1"	20	3/4"	35	100	13	ST69
AKM9810	1/2"	25	3/8"	35	200	7,5	ST73
AKM9816	3/4"	20	1"	15	100	10	ST75
AKM2090	2"	20			10	60	NA
ATKi2Mini 20/10	3/8"	20			300	5	
ATKi2 20/12	out. dia. 22mm	35			200	10,9	
ATKi2 20/19	out. dia. 28mm	20			200	11,6	
ATKi2 20/24	out. dia. 35mm	15			200	12	
ATKi2 40/12	out. dia. 22mm	70			200	13,3	
ATKi2 40/19	out. dia. 28mm	40			200	14,4	
ATKi2 40/24	out. dia. 35mm	33			200	15	

Some examples:

AKV1100

AKV6000

AKBO884-12-20

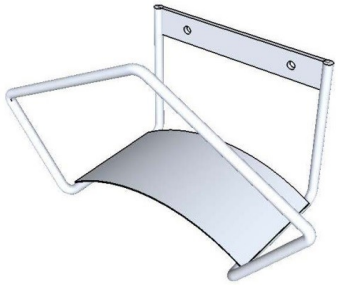
ATKi2mini 20/10

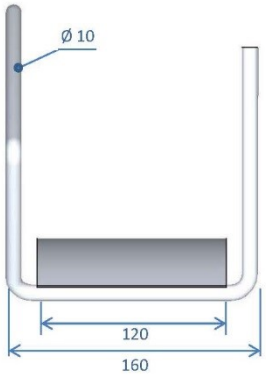
All article numbers in **bold** are available from stock.

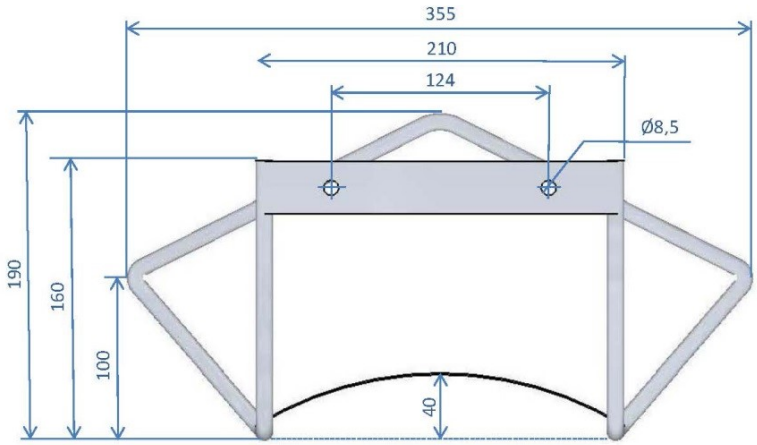
Hose racks from stainless steel (304)

Increase the life of hoses with a hose rack. Dimensions for the standard hose racks can be found below. Other dimensions are available on request.

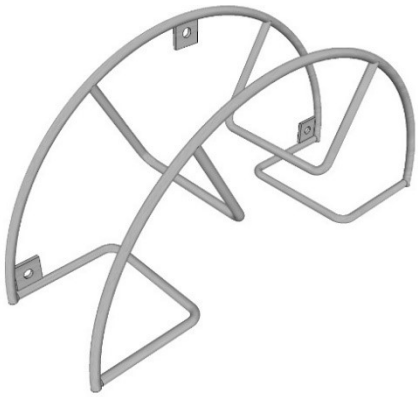
Article no.
REKFR30: Stainless steel (304) hose rack for 25m 1/2” hose or 20m 3/4” hose, electropolished.



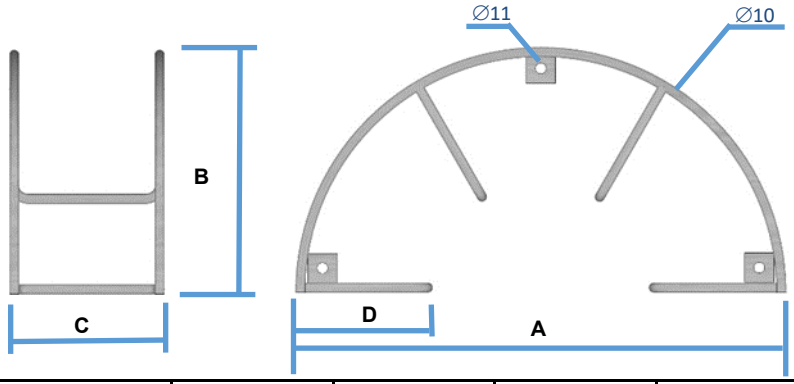




Article no.
REKFR60: Stainless steel (304) hose rack for 40m 1/2” hose or 30m 3/4” hose.
REKFR70: Stainless steel (304) hose rack for 60m 1/2” hose or 50m 3/4” hose.



All dimensions are in mm

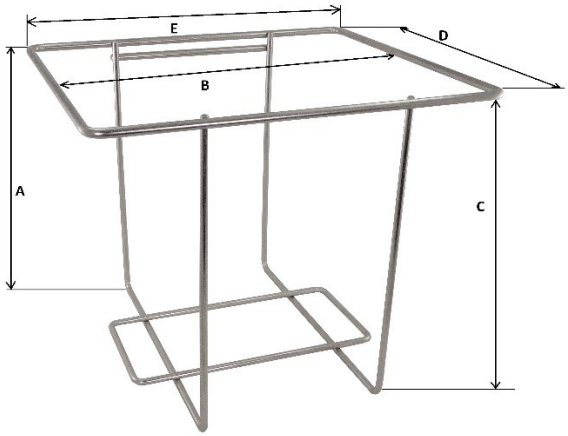


Article no.	A	B	C	D
REKFR60	510	255	140	130
REKFR70	510	255	250	130

Container racks from stainless steel (304)

Our sturdy stainless steel racks of various sizes allow you to place 20, 25 and 30 litre containers stably off the ground. They are available in 3 sizes, RECON20-30, RECON25 and RECON50 for 1 or 2 containers up to 30 litres.

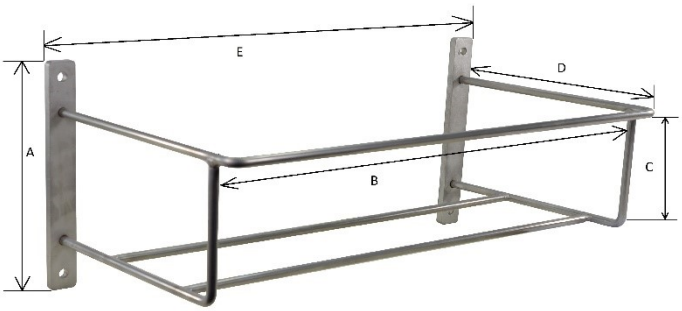
Article no.
RECON20-30: Stainless steel (304) Container rack for containers of 20-30 litres.



All dimensions are in mm

Article no.	A	B	C	D	E
RECON20-30	260	300	250	260	315

Article no.
RECON25: Stainless steel (304) container rack for one container of 25 litres.
RECON50: Stainless steel (304) container rack for two containers of 25 litres.



All dimensions are in mm

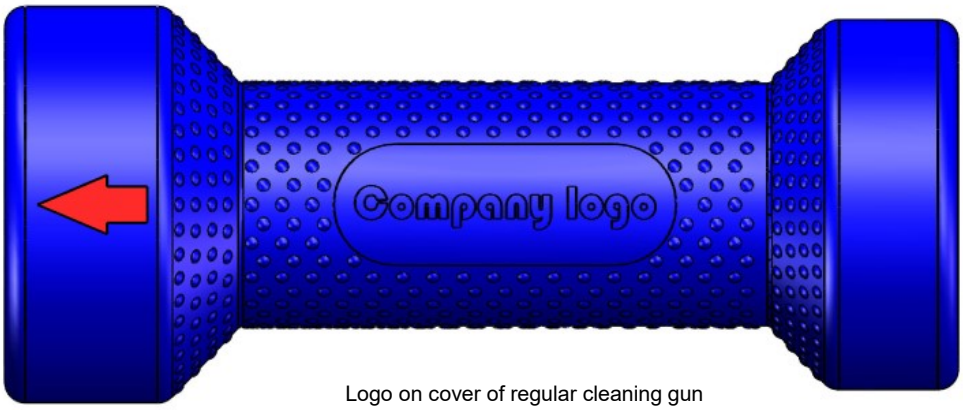
Article no.	A	B	C	D	E
RECON25	250	417	150	315	447
RECON50	250	555	150	320	585

Options for personalisation

Your own logo on your products

We can brand certain products with your logo and/or make them in a colour of your choice. This can be for promotional purposes or as a house style within your product range. This makes products very recognisable for your customers. Many of our guns are suitable for this, but ball valves, quick release protections and hose protections can also be provided with a logo or name. On this page, we give examples in blue colour. Other colours are possible on request.

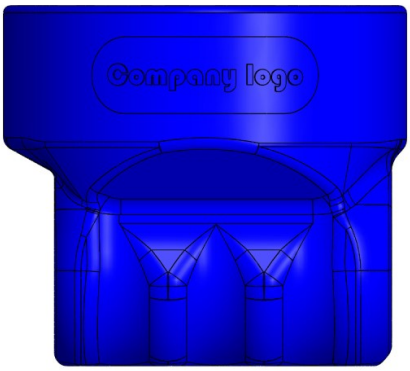
A minimum order quantity of 200 pieces applies to all products, with the exception of the Blue King cleaning gun (only 100 pieces). Take a look at the possibilities or ask for information.



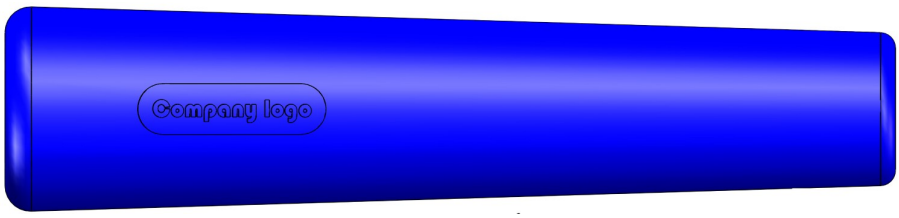
Logo on cover of regular cleaning gun

Logo on cover of Blue King cleaning gun

Logo on protection for coupling



Logo on ball valve

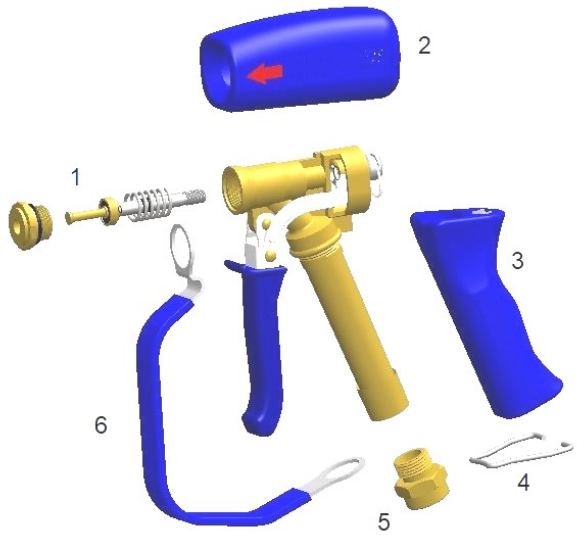


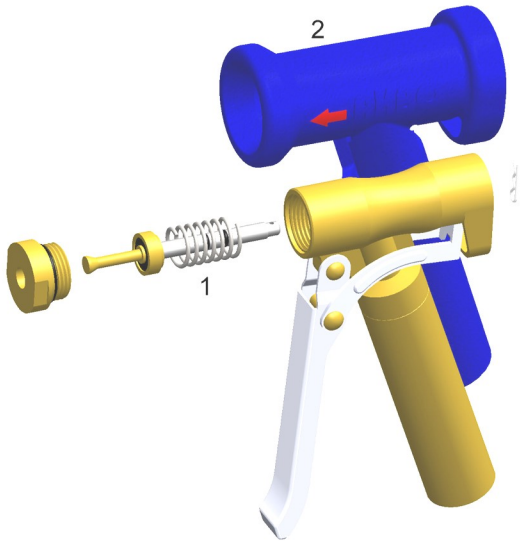
Logo on hose protection

Spare parts

AKBO cleaning guns and nozzles are economical and durable because their maintenance is easy and spare parts are available. This section lists all spare parts for cleaning guns and nozzles. Can't find something? Then please contact us.

Spare parts for cleaning guns





Blue King			Blue Princess
No.	**Photo**	**Article no.**	**Description**
1		**RESAKBO11**	Spare part set for KING water gun
		RESBMFT2	Spare part set for brass Princess water gun
		RESBRFT1	Spare part set for stainless steel Princess water gun
2		**RECOVER11-B**	Rubber top cover blue for KING water gun
		RECOVERP-B	Rubber cover blue for PRINCESS water gun with AKBO logo
		RECOVERP-B-PRIN	Rubber cover blue for PRINCESS water gun with PRINCESS logo
3		**REGRIPP11-B**	EPDM handgrip, blue, for KING water gun
4		**RESCLIP**	Spare clip for water gun
5		**ADAM12M12F**	Brass adapter 1/2" BSP male x 1/2" BSP female, flat seal
6		**RETRIPR11-B**	Trigger guard for King, blue

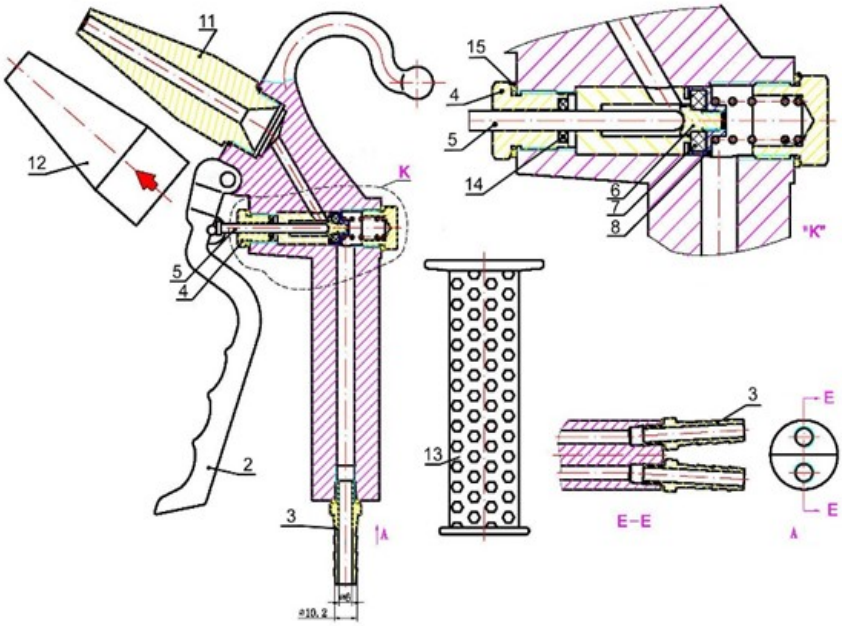
Spare parts for cleaning guns

No.	Photo	Article no.	Description
1		**RESAKBO**	Spare part set for brass water gun
		RESAKBL	Spare part set for AKMB... water gun
		RESAKCH	Spare part set for AKCN-series water gun
		RESAKRV	Spare part set for st.st. water gun
		RESAKRB	Spare part set for the AKRB-series water gun
		RESAKNL2	Spare part set for KLML002-B, spring, nozzle shaft and hexnut with 1/2" male outlet
		RESAKCL2	Spare part set for AKCL002-B
		RESAKRL2	Spare part set for AKRL002-B
		RESARBT	Spare part set for the AKRBT01-B
		RESRBTB	Spare part set for the AKRBTB1-B
2		**RECOVER-B** *Use B/R/W/BL/G/Y for different color*	Rubber top cover blue, red, white, black, green, yellow
		RECOVER-LB-LAT	Rubber top cover light blue, silicone rubber
		RECOVER-RHP-R	Rubber top cover for the AKRHP.... hot water guns
3		**REGRIPP-B** *Use B/R/W/BL/G/Y for different color*	EPDM handgrip in blue, red, white, black, green, yellow For the KLMN– series cleaning guns
		REGRIPP-B-NEW *Use B/R/W/BL/G/Y for different color*	EPDM handgrip in blue, red, white, black, green, yellow For other series cleaning guns
		REGRIP-LB-LAT	Silicone rubber handgrip, light blue
		REGRIPP-RHP-R	Rubber handgrip for the AKRHP.... hot water guns
4		**RESCLIP**	Spare clip for water gun
5		**ADAM12M12F**	Brass adapter 1/2" BSP male x 1/2" BSP female, flat seal
		ADAR12M12F	St.st. adapter 1/2" male x 1/2" female, flat seal
6		**RETRIPR-B**	Trigger guard, blue
		RETRIPR-BL	Trigger guard, black
		RETRIPR-R	Trigger guard, red
		RETRIPR-W	Trigger guard, white

Spare parts for robust spray heads

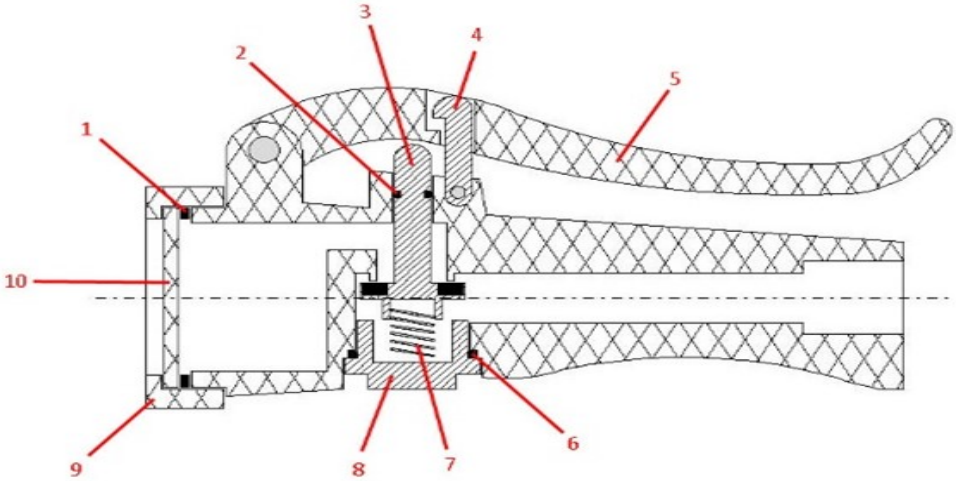
No.	Photo	Article no.	Description
1		**AKSH4-FS**	Flat seal Clipperlon 2110 for spray head (24x15x1,5)
2		**AKSH4-HBL**	POM head, black
		AKSH4-HW	POM head, white
3		**AKSH4-LS**	Locking screw for spray head
4		**AKSH4-NS-M**	Nozzle shaft for spray head, brass
		AKSH4-NS-R	Nozzle shaft for spray head, stainless steel
5		**AKSH4-NT-M**	Nozzle tip for spray head, brass
		AKSH4-NT-R	Nozzle tip for spray head, stainless steel
6		**AKSH4-TS**	Screw for nozzle tip
7		**AKSH4-OR**	O-ring set for the spray heads AKMSH03- and AKRSH03-series

Spare parts for AKAWLU1-B water/air gun



No.	Photo	Article no.	Description
2		**AKAWTRIG**	Trigger for the AKAWLU1-B
3		**AKAWTAIL**	Hose tail for the AKAWLU1-B
6 7 8		**AKAWPIST**	Piston for air/water gun
4 5 14 15		**AKAWSHAF**	Shaft with plug for air/water gun
11		**AKAWNOZZ**	Nozzle for the AKAWLU1-B
12		**AKAWSLEE**	Nozzle sleeve for the AKAWLU1-B
13		**AKAWGRIP**	Handgrip for the AKAWLU1-B

Spare parts for AKKS– series plastic shower heads



No.	Photo	Article no.	Description
1 2 6		**AKKSSEAL**	Seal kit for the AKKS-series shower: 1x O-ring 4,2x2 mm 1x flat ring 46x40x2 mm 1x O-ring 23x2 mm
3		**AKKSVALVE**	Spare valve set for AKKS-series shower
4		**AKKSHOOK**	Hook for the AKKS-series shower
5		**AKKSTRIG-B**	Trigger for the AKKS-series shower, blue
		AKKSTRIG-W	Trigger for the AKKS-series shower, white
7		**AKKSSPRING**	Stainless steel spring for AKKS-series shower
8		**AKKSPLUG-B**	Plug in plastic for AKKS-series shower, blue
		AKKSPLUG-C	Plug in chrome plated brass for AKKS-series shower
		AKKSPLUG-R	Plug in stainless steel for AKKS-series shower
9		**AKKSCAP-B**	Front cap for the AKKS-series shower, blue
		AKKSCAP-W	Front cap for the AKKS-series shower, white
10		**AKKSHEAD-B**	Shower head for the AKKS-series shower, blue
		AKKSHEAD-W	Shower head for the AKKS-series shower, white