





## Cleaning guns for lance mounting, nozzles & lances



Cleaning guns with ½" BSP male outlet for mounting lances. This makes it possible to mount different kind of lances with a fixed nozzle for a consistent spray pattern.

Such a cleaning gun with an attached lance will make it easier to clean places which are otherwise difficult to reach. Its large bore makes it ideal for foam applications.

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

	Article no.	Description
	KLML002-B	Brass cleaning gun for lance mounting with ½" BSP male outlet
	AKCL002-B	Chrome plated brass cleaning gun for lance mounting with ½" BSP male outlet
	AKRL002-B	Stainless steel cleaning gun for lance mounting with ½" BSP male outlet
	AKNL002-B	Plastic (glass fibre reinforced PA66) cleaning gun for lance mounting with ½" BSP male outlet



Mounting a lance on these cleaning guns can be done in three different ways:

Option A: quick release connection



COUPL1/2-F



Option B: fixed connection with reducer



NIP5025-R

Option C: fixed direct connection on the cleaning gun outlet



LANCM-F



### **Fixed connection**



With a fixed connection the lance is screwed directly on the water gun.

### **Quick release connection**



In order to mount a lance to the cleaning gun, you can use a quick coupling with or without protection. These cleaning guns can be supplied with assembled quick couplings and with protection under the following article numbers.

<b>Article no.</b>	<b>Material</b>
KLMLCP2-B	Brass
AKCLCP2-B	Chrome plated brass
AKRLCP2-B	Stainless steel
AKNLCP2-B	PA66 (plastic)



Now different types of lances can easily be exchanged. On the next pages different possible lances are shown.











### **Technical data:**

- Max. pressure: 24 bar (AKNLCP2-B: 12 bar)
- Max temperature: 95 °C (AKNLCP2-B: 50 °C)
- Bigger bore for better foam quality
- Connection ½" BSP female
- Automatic shut-off
- Mounted with st.st. quick release coupler with rubber protection (COUPL1/2-F-B)
- Easily exchange different lances for rinsing, disinfection and foaming
- Rugged EPDM covers
- Seals from EPDM (FDA) for brass, chrome plated brass and plastic water guns
- Seals from VITON (FDA) for st.st. water gun








Can be used for all foaming and cleaning purposes where lances are needed. Different kind of lances can be easily exchanged with the use of the quick release coupler.

**As an alternative for the water gun there are also 2 types of protected ball valves available with a quick release coupler.**



Protected ball valves	
	
<b>Article no.</b>	<b>Description</b>
BALRCP1-B	St.st. protected ball valve with quick release coupler with rubber protection x 1/2" female
BALRCP1-NB	St.st. protected ball valve with quick release coupler with nylon protection x 1/2" female
	
<b>Article no.</b>	<b>Description</b>
BARRCP2-B	St.st. mechanical protected ball valve with quick release coupler x 1/2" female
Foam lance for fixed connection	
	
<b>Article no.</b>	<b>Description</b>
LANCM22-F	St.st. foam lance 22cm 2x 1/2" female
LANCM50-F	St.st. foam lance 50cm 2x 1/2" female
	
<b>Article no.</b>	<b>Description</b>
LANCM22-N	St.st. foam lance 22cm 1/2" female x foam nozzle
LANCM50-N	St.st. foam lance 50cm 1/2" female x foam nozzle
	
<b>Article no.</b>	<b>Description</b>
LANCM22-N-NW	St.st. foam lance 22cm 1/2" female x foam nozzle with protection
LANCM50-N-NW	St.st. foam lance 50cm 1/2" female x foam nozzle with protection
Foam lance for quick release connection	
	
<b>Article no.</b>	<b>Description</b>
LANFA02	Foam lance with adapter
	
<b>Article no.</b>	<b>Description</b>
ADAFN1/2-NR-NW	Adapter with foam nozzle and protection
	
<b>Article no.</b>	<b>Description</b>
LANCM22-A	St.st. foam lance 22cm 1/2" female x adapter
LANCM50-A	St.st. foam lance 50cm 1/2" female x adapter
LANCM60-A	St.st. foam lance 60cm 1/2" female x adapter



	
<b>Article no.</b>	<b>Description</b>
LANCM22-NA	St.st. foam lance 22cm adapter x foam nozzle
LANCM50-NA	St.st. foam lance 50cm adapter x foam nozzle
LANCM60-NA	St.st. foam lance 60cm adapter x foam nozzle
	
<b>Article no.</b>	<b>Description</b>
LANCM22-NA-NW	St.st. foam lance 22cm adapter x foam nozzle with protection
LANCM50-NA-NW	St.st. foam lance 50cm adapter x foam nozzle with protection
LANCM60-NA-NW	St.st. foam lance 60cm adapter x foam nozzle with protection
<b>Rinsing/disinfection lances for quick release connection</b>	
	
<b>Article no.</b>	<b>Description</b>
ADASN1/4-2530B	Adapter (short) with nozzle* NOZ2530 and blue EPDM rubber protection**
*different nozzle versions are available (see nozzle table)	
	
<b>Article no.</b>	<b>Description</b>
ADAPN1/4-2530B	Adapter (long) with nozzle* NOZ2530 and blue EPDM rubber protection**
**these protections are available in the following colours: blue(B), red(R), yellow(Y), green(G), black(BL)	
<b>Rinsing lance for fixed or quick connection</b>	
<b>Material</b>	<b>AISI 304</b>
<b>Connection</b>	<b>1/4" BSP male thread</b>
<b>Max. pressure</b>	<b>400 bar</b>
<b>Max. temperature</b>	<b>150 °C</b>
	
<b>Article no.</b>	<b>Description</b>
LACX02	Lance 25cm; 1/4" male x 1/4" male
LACX06	Lance 60cm; 1/4" male x 1/4" male
LACX09	Lance 90cm; 1/4" male x 1/4" male
LACX12	Lance 120cm; 1/4" male x 1/4" male
	
<b>Article no.</b>	<b>Description</b>
LABX02	Lance 25cm; 1/4" male x 1/4" male with 15° bend
LABX05	Lance 50cm; 1/4" male x 1/4" male with 15° bend
LABX07	Lance 70cm; 1/4" male x 1/4" male with 15° bend
LABX09	Lance 90cm; 1/4" male x 1/4" male with 15° bend
LABX12	Lance 120cm; 1/4" male x 1/4" male with 15° bend
	
<b>Article no.</b>	<b>Description</b>
LACB05	Insulated(blue) lance 50cm; 1/4" male x 1/4" male





Article no.	Description
LACP07	Insulated(black) lance 70cm; 1/4" male x 1/4" male
LACP09	Insulated(black) lance 90cm; 1/4" male x 1/4" male
LACP12	Insulated(black) lance 120cm; 1/4" male x 1/4" male



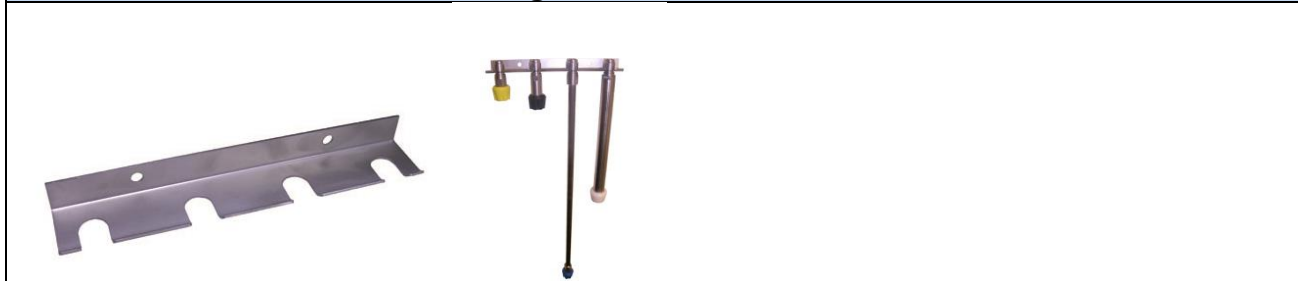
Article no.	Description
LABP07	Insulated(black) lance 70cm; 1/4" male x 1/4" male with 15° bend
LABP09	Insulated(black) lance 90cm; 1/4" male x 1/4" male with 15° bend

### The lances on the previous page can be assembled like this:




For example, an insulated lance of 50cm with quick release adapter connection and nozzle 2560\* with blue EPDM protection gets the article code: **LACX05ASP2560**  
 (\* Please specify which type of nozzle is required)

### Lance holder for foam and rinsing lances




Article no.	Description
REKBEN4	Stainless steel lance holder for 4 lances

### Stainless Steel Nozzle protection



Stainless steel nozzle protection with 1/4" female thread x adapter for quick coupling. The nozzle is not included. The quick coupling allows you to connect it directly to the gun. Together with a complete lance you have a versatile combination for all kinds of cleaning activities.

NOPROT1/4-RA



Stainless steel nozzle protection with 1/4" female thread x 1/4" female thread. This stainless steel rinse nozzle protection can be combined with, for instance, a stainless steel rinse lance from the LACX, LABX, LACB or LACP-series. The nozzle is not included.

NOPROT1/4-RVS



## Nozzles

There are nozzles in various capacity (l/min) sizes and beam shapes. Standard on our rinsing lances we mount a nozzle with a spray angle of 25° and a capacity of 30 l/min. But also other nozzles are available. In the table below the most common nozzles are listed.



To choose the right nozzle the following data is important:

- What must be the type of beam (full beam or flat beam)
- What is the working pressure
- What is the wanted capacity in litres per minute

In the table below you can find you nozzle.

1/4" male		Capacity size	Capacity (liters per minute)																								
Spray angle			0,4	0,7	1,5	2	3	4	6	7	15	20	25	35	40	45	60	80	100	140	170	200					
0°	5°		15°	25°	40°	50°	65°																				
*	*	*	*	*	*	*	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

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 according to EU regulation 1935/2004/EG

**Connection** : In between Nozzle and lance



Article no.	Description
NOPRON1/4-B	Nylon nozzle protection 1/4", blue (NB)
NOPRON1/4-R	Nylon nozzle protection 1/4", red (NR)
NOPRON1/4-Y	Nylon nozzle protection 1/4", yellow (NY)
NOPRON1/4-G	Nylon nozzle protection 1/4", green (NG)
NOPRON1/4-BL	Nylon nozzle protection 1/4", black (NZ)
NOPRON1/4-W	Nylon nozzle protection 1/4", white (NW)
NOPRON1/4-GR	Nylon nozzle protection 1/4", grey (NGR)

**Material:** EPDM rubber  
**Connection:** Pushed over the nozzle



Article no.	Description
NOPROT1/4-B	Rubber nozzle protection 1/4" blue (PB)
NOPROT1/4-R	Rubber nozzle protection 1/4" red (PR)
NOPROT1/4-Y	Rubber nozzle protection 1/4" yellow (PY)
NOPROT1/4-G	Rubber nozzle protection 1/4" green (PG)
NOPROT1/4-BL	Rubber nozzle protection 1/4" black (PZ)

