Industrial Blowguns

Polymer

Metal

Kits



# **Blowguns**

#### Standard Blowgun (P. 7-7)



Fluids: compressed air

Materials: technical polymer, NBR

Pressure: 10 bar

Temperature: -15°C to +50°C

3.5 mm

#### Safety Blowgun (P. 7-7)



Fluids: compressed air

Materials: technical polymer, NBR

Pressure: 10 bar

Temperature: -15°C to +50°C

(DN):3 mm

#### **Energy-Saving Blowgun** (P. 7-7)



Fluids: compressed air

Materials: technical polymer, NBR

Pressure: 10 bar

Temperature: -15°C to +50°C

according to nozzle

#### **Versatile Blowguns** (P. 7-6)



Fluids: compressed air

Materials: technical polymer, NBR

Pressure: 10 bar

Temperature: -15°C to +50°C

according to nozzle

#### Metal Blowguns [P. 7-14]



Fluids: compressed air

Materials: forged nickel-plated brass, NBR

Pressure: 10 bar

Temperature: - 15°C to +50°C

(DN): 2 mm

#### Water Pistol (P. 7-14)



Fluids: industrial fluids and water

Materials: zamak, NBR

Pressure: 20 bar

Temperature: -20°C to +100°C

<u>DN</u>: 12 mm

#### Blowgun Kits (P. 7-16)



Fluids: compressed air

Materials: technical polymer

Pressure: 10 bar

Temperature: -15°C to +50°C

according to model

#### Nozzles (P. 7-10)



Fluids: compressed air

Materials: nickel-plated brass

Pressure: 10 bar

**Temperature:** -15°C to +50°C according to model

# Blowgun Range

#### **Polymer Blowguns**

Standard

0659

Safety

0654



Energy-Saving

0653 Lower Connection Page 7-7



With Interchangeable Nozzle

**0652** Lower Connection Page 7-8



**0655** Upper Connection Page 7-8



Pre-Assembled with Nozzle

**0651** Lower Connection Page 7-8





**0656** Lower Connection Page 7-9



**0657 Upper Connection** Page 7-9



#### **Nozzles for Polymer Blowguns**

**0690 01** Standard Page 7-10



**0690 02 Safety** Page 7-10



**0690 03 Straight Tube (long)** Page 7-10



**0690 04** Straight Tube (short), Safety Page 7-10



**0690 05 Angled Tube (long)** Page 7-10



**0690 06**Angled Tube (short) Safety Page 7-11



**0690 06 01 Angled Tube (short)** Page 7-11



**0690 07 LF 3000® Nozzle** Page 7-11



**0690 08 Coanda** Page 7-11



0690 09 Air Screen



0690 10





**0690 11** Booster with Air Screen

4

#### **Metal Blowguns**

Button-Operated

**0623** Page 7-15 Lever-Operated

**0622** Page 7-15



**2299**Page 7-15



Water Pistol

9

## Blowgun Kits

**0631..09**Standard
Page 7-17



**0631..01 Safety** Page 7-17



**0631..23** Energy-Saving Page 7-17



0631..03 0631..02 Standard Nozzle Page 7-17/18



**0631..05 0631..04 Angled Nozzle, Safety** Page 7-18



**0631..07 0631..06**Interchangeable Nozzle Page 7-18/19



**0631..08**Energy-Saving
Interchangeable Nozzle
Page 7-19



# Applications

# Polymer Blowguns

The Parker Legris polymer blowgun offers **ease of use**, **energy saving**, adaptability and efficiency. These blowguns comply with **international regulations** for health, **safety** and **noise** levels.

# **Product Advantages**

# Quality & Performance

Comply with international standards for noise and pressure regulation

Powerful flow with progressive control Rotating nozzle for directional jet

Durable, shock-resistant materials 100% leak and flow-tested in production

Date coding to guarantee quality and traceability

Safety & Sustainable Development

40% energy consumption reduction with Energy-Saving model

Complete user safety with the Safety model

Wide selection of nozzles which comply with noise and pressure level regulations

Ergonomics & Versatility

Comfortable to use

Lightweight and easy to use

Wide range of models and nozzles for optimum blowing power

and flow rate

Lower or upper connection



Manufacturing Workshops
Cleaning
Blowing
Mixing
Ejection
Cooling
Packaging

# **Technical Characteristics**

| Compatible          | Compressed air           |
|---------------------|--------------------------|
| Fluids              | Other fluids: contact us |
| Working<br>Pressure | 0 to 10 bar              |
| Working             | Air: -15°C to +50°C      |
| Temperature         | Dry air: -20°C to +80°C  |
| Tubes               | Recoil tubes and hose    |

#### Regulations

## Compliance for all blowguns:

DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS),
2011/65/EC
DI: 1907/2006 (REACH)

Protection of design

All designs and models of Parker Legris blowguns have been registered with the following numbers:

13224 / 13225 / 13226.

# Compliance for specific blowguns:

DI: 1910.242 (b) [OSHA] The static pressure must be less than 30 psi in case the nozzle becomes blocked.

DI: 1910.95 (b) [OSHA]
The noise level must be less than
90 dBA over 8 hours' exposure.

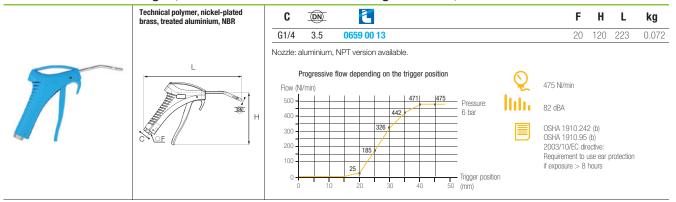
**DI:** 2003/10/EC

Regulation relating to exposure to noise, particularly with regard to risks to hearing. The noise level must be less than 87 dBA.

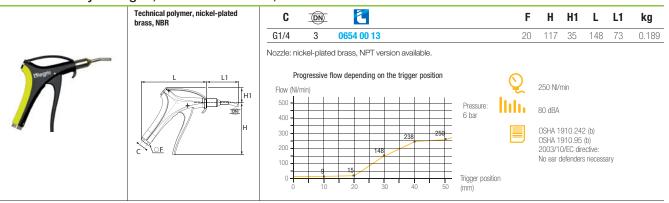


# Polymer Blowguns

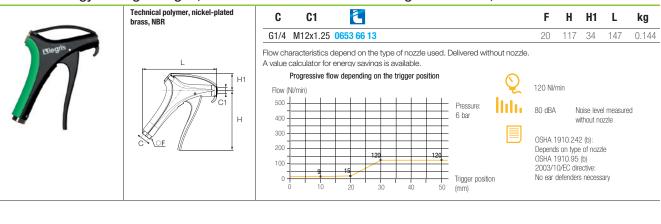
### 0659 Standard Blowgun, Lower Connection with Short Angled Nozzle, Female BSPP Thread



# 0654 Safety Blowgun, Lower Connection, Female BSPP Thread



## 0653 Energy-Saving Blowgun, Lower Connection with Interchangeable Nozzle, Female BSPP Thread



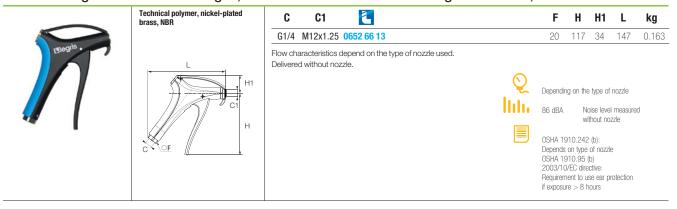




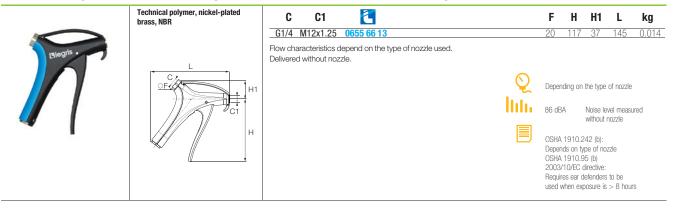
Flow stopped completely and pressure reduced to 0.5 bar Flow diverted and pressure reduced to 0.5 bar

# Polymer Blowguns

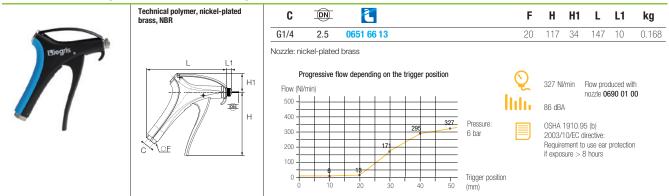
## 0652 Progressive Control Blowgun, Lower Connection with Interchangeable Nozzle, Female BSPP Thread



### 0655 Progressive Control Blowgun, Upper Connection with Interchangeable Nozzle, Female BSPP Thread

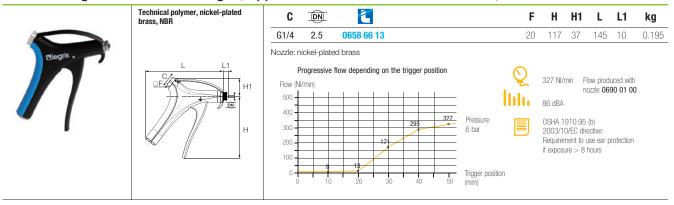


## Progressive Control Blowgun, Lower Connection with Standard Nozzle, Female BSPP Thread

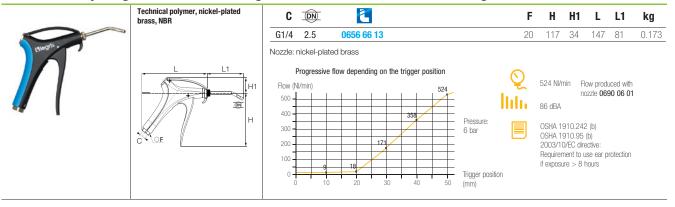


# Polymer Blowguns

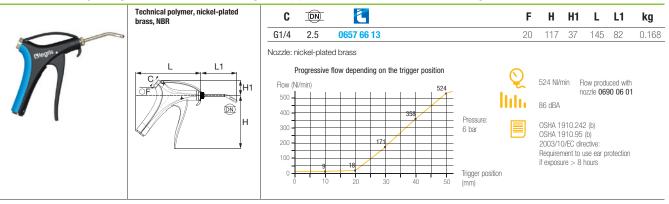
# 0658 Progressive Control Blowgun, Upper Connection with Standard Nozzle, Female BSPP Thread



# 0656 Safety Progressive Control Blowgun, Lower Connection with Short Angled Nozzle, Female BSPP

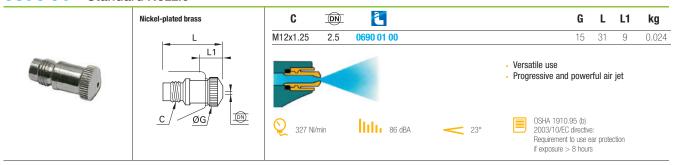


# 0657 Safety Progressive Control Blowgun, Upper Connection with Short Angled Nozzle, Female BSPP

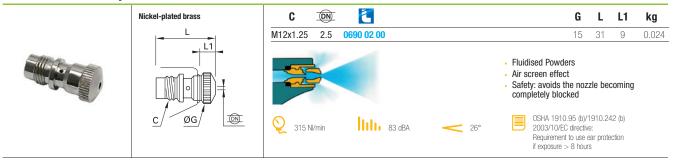


# Nozzles for Polymer Blowguns

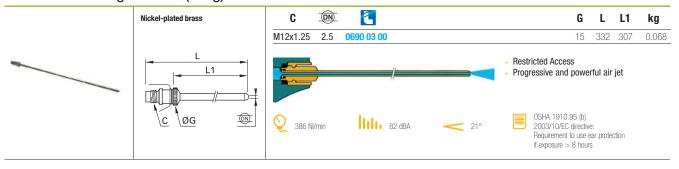
## 0690 01 Standard Nozzle



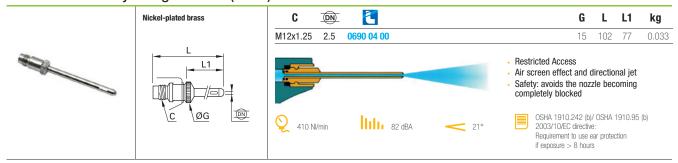
## 0690 02 Safety Nozzle



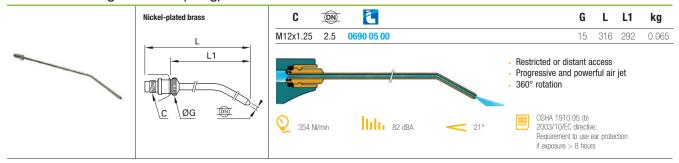
## 0690 03 Straight Nozzle (Long)



## **0690 04** Safety Straight Nozzle (Short)



# 0690 05 Angled Nozzle (Long)

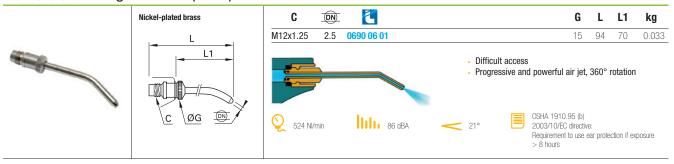


# Nozzles for Polymer Blowguns

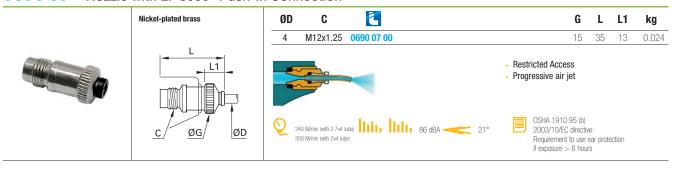
## 0690 06 Safety Angled Nozzle (Short)



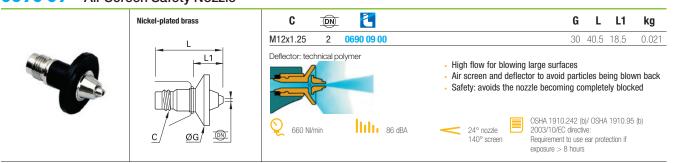
## 0690 06 01 Angled Nozzle (Short)



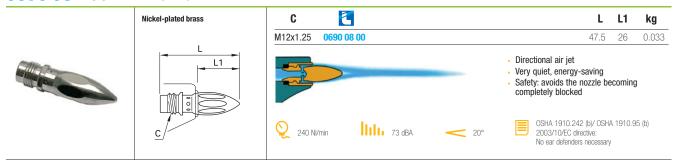
## 0690 07 Nozzle with LF 3000® Push-In Connection



## 0690 09 Air Screen Safety Nozzle



## 0690 08 COANDA Nozzle

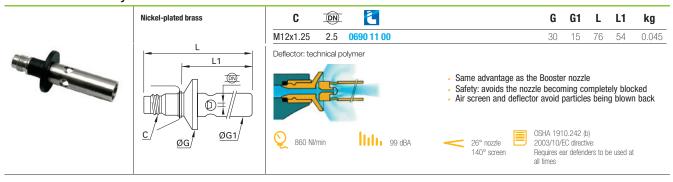


# Nozzles for Polymer Blowguns

## 0690 10 Safety Booster Nozzle



# 0690 11 Safety Booster Nozzle with Air Screen



# Metal Blowguns and Water Pistols

This range of robust blowguns guarantees a longer service life under severe conditions (crushing, impact, shock and corrosion). It includes two versions to meet all requirements for blowing and spraying in industrial applications.

# **Product Advantages**

Workshop Blowgun

Compact for easy incorporation into compressed air ring mains Nickel-plated forged brass for increased corrosion resistance

Water Pistol

Intended for the transmission of water and fluids Designed for precise flow control and optimisation of the power and shape of the jet Optimum use of industrial fluids

Excellent ergonomics and service life

Robotics Ejection Cooling Packaging Automotive Process

Manufacturing Workshops

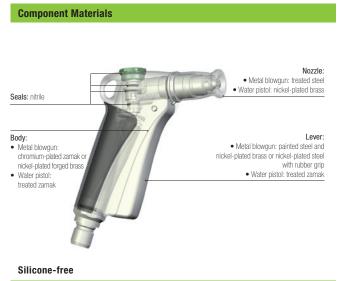
Assembly machines



**Applications** 

# **Technical Characteristics**

| Model                  | Metal Blowgun  | Water Pistol                                |
|------------------------|--|---|
| Compatible<br>Fluids   | Compressed air, industrial fluids                    | Water, oil,<br>industrial fluids            |
| Working<br>Pressure    | 0 to 10 bar  | 0 to 20 bar                                 |
| Working<br>Temperature | Air:<br>-15°C to +50°C<br>Dry air:<br>-20°C to +80°C | -20°C to +100°C                             |
| Tubes                  | Recoil tubes and hose                                | Braided hose with Parker<br>Legris couplers |



#### Regulations

Compliance for all blowguns:

**DI:** 97/23/EC (PED)

DI: 2002/95/EC (RoHS), 2011/65/EC

DI: 1907/2006 (REACH)

# Industrial Blowguns

# Metal Blowguns and Water Pistols

#### 0623 Lever-Operated Blowgun, Female BSPP Thread

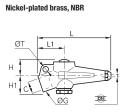


| C    | DN |            | G  | H<br>min | H<br>max | H1 | L  | L1 | L2 | kg    |
|------|----|------------|----|----------|----------|----|----|----|----|-------|
| G1/4 | 2  | 0623 10 35 | 18 | 19       | 37       | 21 | 64 | 28 | 60 | 0.119 |

This blowgun has a hardened steel nozzle.

#### 0622 Button-Operated Blowgun, Female BSPP Thread





| C    | DN | €          | G  | Н    | H1   | L  | L1 | ØT | kg    |
|------|----|------------|----|------|------|----|----|----|-------|
| G1/4 | 2  | 0622 26 73 | 18 | 17.5 | 20.5 | 82 | 29 | 7  | 0.196 |

This blowgun has a hardened steel nozzle.

#### 2299 Water Pistol





|               | <b>2</b>  | H L     | kg    |
|---------------|---|---------|-------|
| 12            | 2299 12 01                                      | 140 126 | 0.471 |
| This pistol a | allows independent control of:<br>ate (trigger) |         |       |

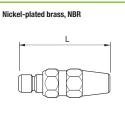
- type of jet (adjustable to a fine mist) by the adjustable nozzle



Adjustable

#### 2299 Adjustable Nozzle







This nozzle allows adjustment of the spray.

#### **Associated Products**

For optimum connection and usage of the pistol and adjustable nozzle, you will find a full range of quick-acting couplers, in the Midi and Maxi Series, in Chapter 8.







Maxi P. 8-46

Ready for use, simple and ergonomic, the Parker Legris blowgun kit remains an essential item of equipment for any blowing or spraying operation in the industrial environment.

# **Product Advantages**

# for Use

Ready Kit contents:

- one blowgun
- a 4 metre recoil tube
- one R1/4 threaded fitting, external diameter 8 mm

Easy to install and comfortable to use

Wide range of models and nozzles for optimum flow

Lower or upper connection

Labelling and colours can be customised

Packaging designed to facilitate self-service sales

## Safety & **Performance**

Safe operation with the Safety or OSHA models

Durable, shock-resistant materials

100% leak and flow-tested in production

Date coding to guarantee quality and traceability

Minimum pressure drop

Optimisation of your energy consumption with the Energy-

Saving model



Manufacturing Workshops Cleaning Blowing

Mixing Ejection Cooling Packaging

# **Technical Characteristics**

| Compatible          | Compressed air           |
|---------------------|--------------------------|
| Fluids              | Other fluids: contact us |
| Working<br>Pressure | 0 to 10 bar              |
| Working             | Air: -15°C to +50°C      |
| Temperature         | Dry air: -20°C to +80°C  |
| Tubes               | Recoil tubing            |

#### Regulations

#### Compliance for all blowguns:

DI: 97/23/EC (PED) DI: 2002/95/EC (RoHS), 2011/65/EC

DI: 1907/2006 (REACH)

#### Protection of design

All designs and models of Parker Legris blowguns have been registered with the following numbers:

13224/13225/13226.

#### Compliance for specific blowguns:

DI: 1910.242 (b) [OSHA] The static pressure must be less than 30 psi in case the nozzle becomes blocked.

**DI:** 1910.95 (b) [OSHA] The noise level must be less than 90 dBA over 8 hours' exposure.

DI: 2003/10/EC Regulation relating to exposure to

noise, particularly with regard to risks to hearing. The noise level must be less than 87 dBA.

# **Component Materials** · Standard blowgun; aluminium Safety and other blowguns: nickel-plated brass technical polyme technical polymer Insert: nickel-plated brass recoil polyurethane

# **Customisation on request**

Marking

Silicone-free

- Kit contents adaptable to your applications
- Additional functions
- Colour





# Blowgun Kits

# **0631..09** Blowgun Kit, Lower Connection, Male BSPT Thread



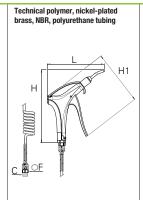


| C    | €          | F H H1 L          | kg    |
|------|------------|-------------------|-------|
| R1/4 | 0631 00 09 | 16 192.5139.5 152 | 0.441 |

Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0659 00 13).

## 0631...01 Safety Blowgun Kit, Lower Connection, Male BSPT Thread



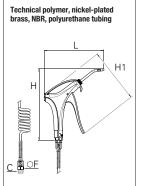


| C    |            | F  | Н     | H1    | L   | kg    |
|------|------------|----|-------|-------|-----|-------|
| R1/4 | 0631 00 01 | 16 | 198.5 | 148.5 | 154 | 0.575 |

Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0654 00 13).

# 0631...23 Energy Saving Blowgun Kit with Angled Nozzle, Male BSPT Thread



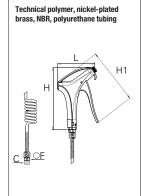


| C    | •          | F  | Н   | H1 L      | kg    |
|------|------------|----|-----|-----------|-------|
| R1/4 | 0631 00 23 | 16 | 195 | 148.5 154 | 0.456 |

Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0653 66 13). External diameter of tube 6 mm

# 0631..03 Blowgun Kit, Lower Connection with Standard Nozzle, Male BSPT Thread



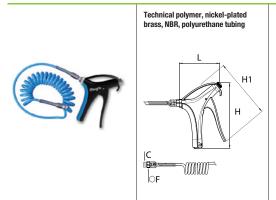


| C    | €          | F  | Н   | H1    | L  | kg    |
|------|------------|----|-----|-------|----|-------|
| R1/4 | 0631 00 03 | 16 | 165 | 148.5 | 99 | 0.528 |

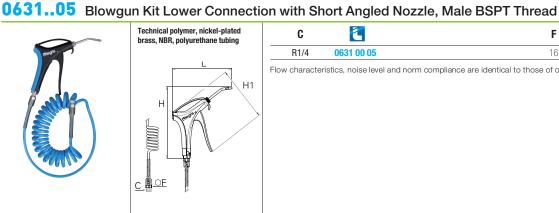
Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0651 66 13).

# Blowgun Kits

# 0631...02 Blowgun Kit, Upper Connection with Standard Nozzle, Male BSPT Thread



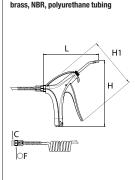
| C             | 1  | F  | Н   | H1    | L   | kg    |  |  |
|---------------|--|----|-----|-------|-----|-------|--|--|
| R1/4          | 0631 00 02   | 16 | 163 | 148.5 | 101 | 0.524 |  |  |
| Flow characte | Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0658 66 13). |    |     |       |     |       |  |  |



| C             | 1                      | F   | Н       | H1       | L       | Kg     |
|---------------|------------------------|---|---------|----------|---------|--------|
| R1/4          | 0631 00 05             | 16  | 195,5   | 5 148,5  | 163     | 0,536  |
| Flow characte | ristics, noise level a | nd norm compliance are identical to those of or | ır blow | /guns (i | 0656 66 | 3 13). |

0631..04 Blowgun Kit, Lower Connection with Short Angled Nozzle, Male BSPT Thread





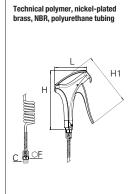
Technical polymer, nickel-plated

| C    | <b>*</b>   | F  | Н   | H1    | L     | kg    |
|------|------------|----|-----|-------|-------|-------|
| R1/4 | 0631 00 04 | 16 | 195 | 148.5 | 163.5 | 0.536 |

Flow characteristics, noise level and norm compliance are identical to those of our blowquns (0657 66 13).

# 0631..07 Blowgun Kit, Lower Connection with Interchangeable Nozzle, Male BSPT Thread



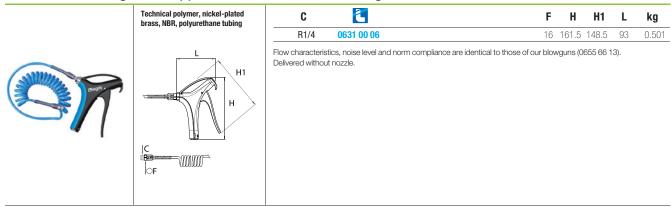


| C    | 1          | F  | Н   | H1    | L  | kg    |
|------|------------|----|-----|-------|----|-------|
| R1/4 | 0631 00 07 | 16 | 163 | 148.5 | 91 | 0.617 |
|      |            |    |     |       |    |       |

Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0656 66 13). Delivered without nozzle.

# Blowgun Kits

# **0631..06** Blowgun Kit, Upper Connection with Interchangeable Nozzle, Male BSPT Thread



# 0631..08 Energy Saving Blowgun Kit, Lower Connection, Interchangeable Nozzle, Male BSPT Thread

