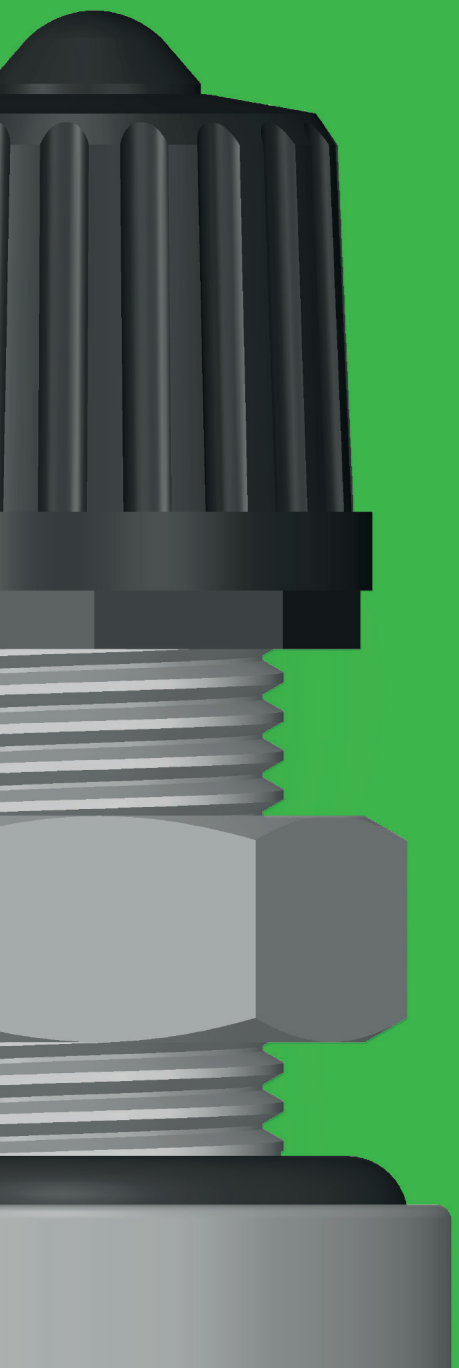
record



2024 Catalogo

Industrial valves

We perform under pressure

Summary

A talent story

Record was born in 1946 under the name of “Officina Dante Beretta”, as a manufacturer of valves for tires and all the metal parts related to such products.

A landmark in the tire market.

From its early years the company specialized in designing and realizing valves for the bicycle market. In 1954 the company first patented a removable valve core which is still used by millions of riders today.

Expertise gained in the tire market has allowed Record not only to build long lasting and growing relationships with its customers, but also to expand and diversify in many different sectors and today valves for conditioning, heat pump systems and expansion tanks have become as much as important to the company as the tire market.

Constant expansion.

The growth in these markets has been fuelled by the constant research in new products, in 2005 Record patented a new high-pressure valve for usage in CO_2 systems and, in 2017, launched and patented valve cores that can work at more critical pressure and temperature levels, as in the case with the new low GWP gases.

Record has constantly prioritized also the innovation and the expansion of the production lines and of its infrastructure. In 1991 it built a second plant next to the historical one and in 2023 it opened a third one in order to concentrate and modernize the logistical process and gain more space for new machinery.

Highlights

120
Employees

26,5 mil/euro
Turnover

300
Active Customers

900
Active Products

23.000 m^2 **Total area**

7.800 m^2 **Production area**

2.550 m^2 **Offices area & Service**

1.800 m^2 **Storage area**

500 m^2 **Automated warehouse**

200.000.000
Turned pcs per year

150.000.000
Valves pcs per year

A full in-house production

step 1
R&D

step 2
Supply Chain

step 3
Raw Materials

step 4
Manufacturing

Turning machines

Monospindle CnC, Multispindle cam shaft, Transfer Bar and Wire

TURNING
70
Turning machines

VULCANIZATION
4
Moulding machines

ASSEMBLING
40
Assembling machines

Assembling machines

Electro-pneumatic or hydraulic controls, each handling and assembling unit is greatly equipped by Poka-yoke systems, Leakage tests, functional controls as the coupling force analysis, in order to meet the strongest customer requirements.

step 5
Quality Assurance

Process Monitoring
OEE Đ TPM

Product Monitoring
SPC - Cp/Cpk

Measurement System Monitoring
MSA - R&R - Cg/Cgk

step 6
Logistic

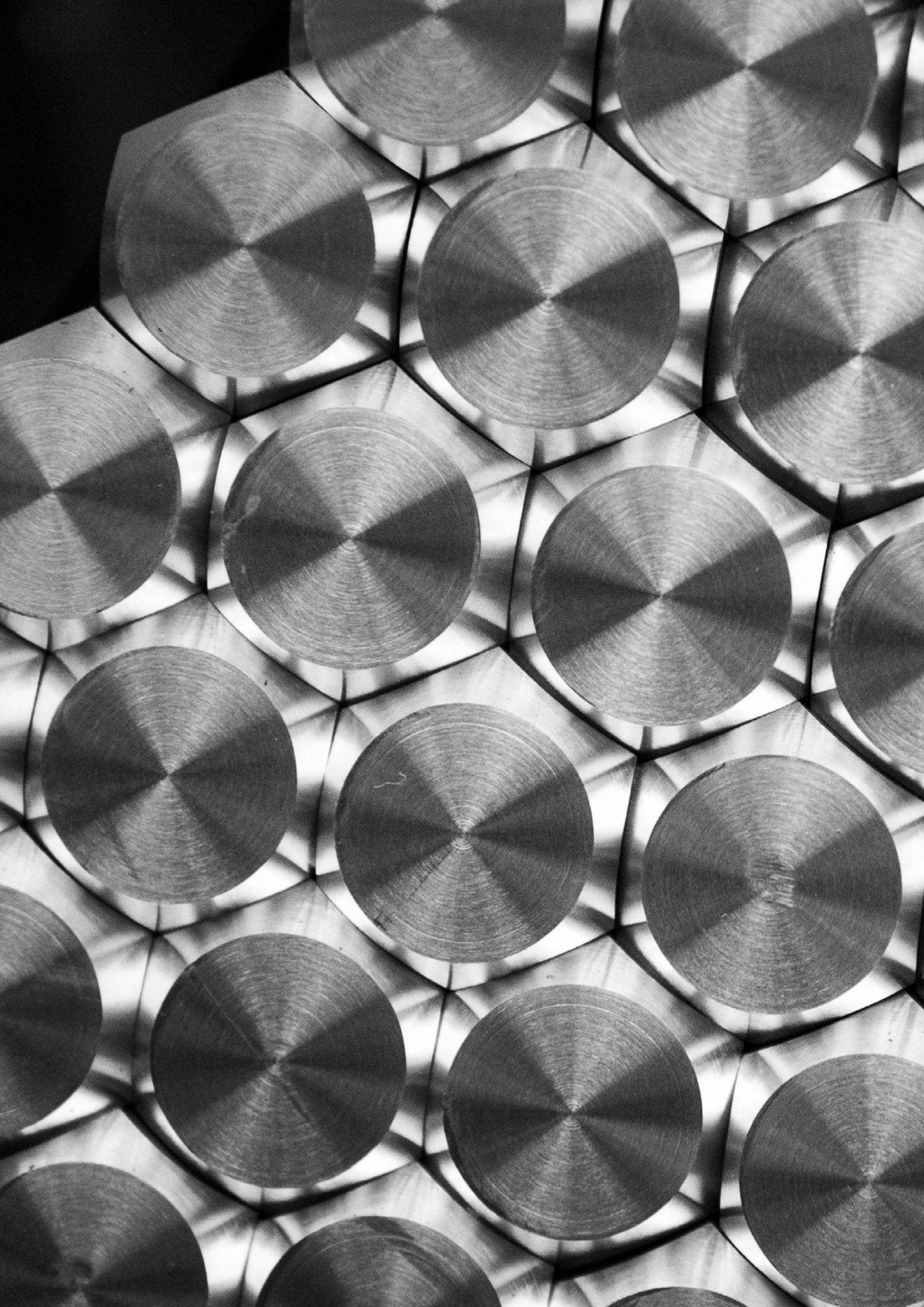
550 m²
automated warehouse

40.000
load units

7
picking areas

Certified
IATF 16949:2016

5800
Hours of training provided per year



A full in-house production

Research and Development

Record R&D department is dedicated towards internal development of new products and to the refinement of the existing ones. In case of specific needs from clients, we are able to design new solutions from scratch or to find an existing product and adapt it to the request, thanks to our presence in many different markets and to our internal expertise with diverse materials and processes.

Supply Chain

We outsource only those processes which we do not deem strategic and, in such cases, we privilege suppliers located near to us. This simplifies communication when developing new products or solutions and it reduces the risks of supply chain disruption.

Manufacturing

Our manufacturing activity is divided in two different main lines, one for mechanical machining and one for automatic assembling.

Turning

In the machining line the core equipment is for turning processes. We have currently over 70 machines, from mechanical monospindle and plurispindle to Cnc monospindle and plurispindle for processing material from 2mm to 65mm in diameter. In the past few years we have been adding four new transfers, three for bars processing and one for wires from 1,2 to 8 mm. The rest of the line comprehends smaller transfers and grinding machine for those products whose specific dimensional requirements need further processing.

Assembling

In the assembling line we have 40 machines dedicated to single products. According to the specific destination of the different products we perform 100% leakage or dimensional test in the line.

Quality Assurance

Our quality management systems is compliant with IATF16949 standards. We perform real time controls on the lines by using measure tools or digital scanning machines for dimensional checks.

Logistic

In the last expansion we realized an automatic warehouse able to host both finished products and semi components for the production. The automation has allowed us not only to reach new levels in precision and readiness in shipping our products and in feeding the assembling line, but also to relief our operators from most of the manual operations.

Corporate Social Responsibility

Beyond the financial results we have to give a contribution in tackling issues that impact our external stakeholders, be them our employees, our local community, our suppliers or the environment.

Welcome Welfare

We believe in everyone's idea and in the skills of each one of us. Training the soft skills is one of our ways to promote and develop individual features and enhance them in our manufacturing context. By involving the whole personnel, we also are able to build new organizational models.

From 2017 up to today, with professor and philosopher Luca Mori, we are undergoing a training called "Utopia in the firm". By using simulations and challenges, the goal is to enhance skills in reading situations and learning through experience. An activity of action research.

The Dante Beretta Academy

Dante Beretta Academy is our company training: it is both a physical and virtual venue for sharing and developing expertise, practises and innovative ideas in order to foster our skills and guarantee future growth for the whole company.

Creating space for self improvement.

Thanks to the expansions of our plant we will soon create new areas dedicated to a canteen, new education venues and a Welfare Space for the break time.

We introduced a new platform, Welfare Point, for providing many kinds of services to the employees and new time-saving measures such as a locker for deliveries and a laundry service.

In order to encourage our employees to take advantage of the corporate welfare we recognize an additional 15% on performance bonuses.

Social Welfare

We created the non-profit organization “Fondazione Il Chicco di Riso Onlus” with the goal of supporting and actively taking part in projects aimed at the well-being of children and their families by cooperating with public and non-profit entities.

Sustainability Tales

- E-Motus project, a service for transportation for children in need of hospital care
- Homework Space for kids of the local elementary school
- Utopia Games in local schools
- Sip.Arte project for kids in troubled neighbourhood
- Support to Dog4Life for the training of service dogs
- Support to “Gruppo Sportivo Bonate Sotto” for sporting activities of children and teenagers
- Support to women cycling via GS Michela Fanini
- Support to Consortium FA for the service of laundry and pressing

Environmental Sustainability

We cannot imagine a sustainable future without respect for our planet, its limited resources and for the future generations. For this reason it is mandatory to adopt responsible and thoughtful actions.

Reducing emissions with solar power.

We strive to reduce emissions by using renewable energies, investing in reducing our energy needs and in adopting re-usage solutions for our industrial waste.

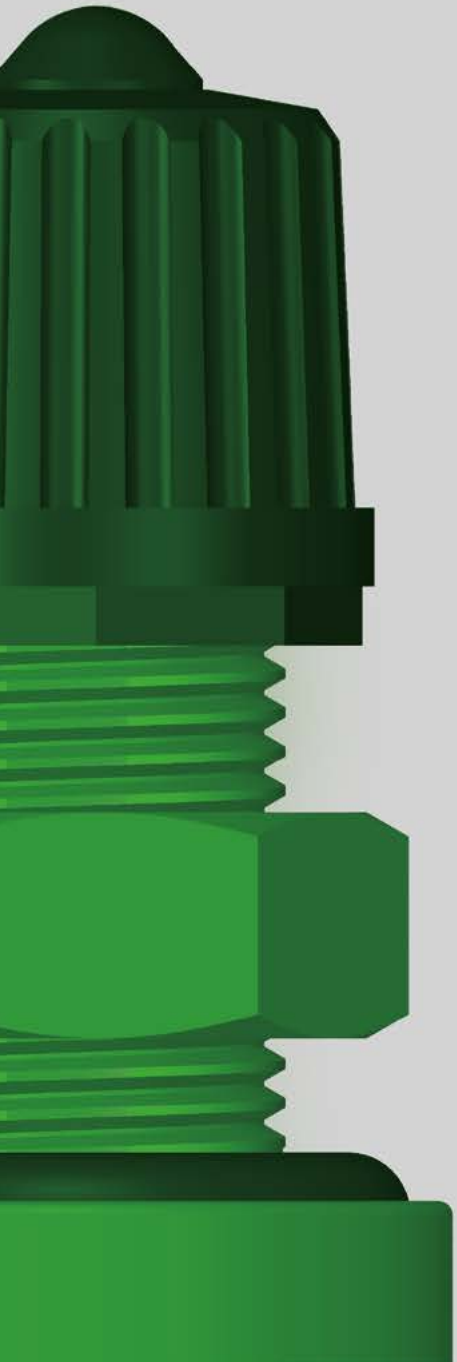
In the past few years we introduced a new system to monitor the energy consumption of every production line in order to understand how to act to reduce them. On the new plant roof we also installed a solar power system of 250,8 kw that will provide around 10% of our current energy needs.

Ideas for a better future.

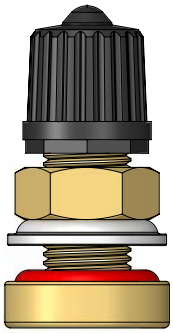
Our R&D team has also designed and patented an array of valve cores suited to work with low global warming potential refrigerant gases.

Thanks to the digitalization and automation of processes like HR and Logistic we have greatly reduced our paper and plastic consumption and improved working conditions. We installed free drinking water machines and distribute aluminium re-usable bottles in order to eliminate plastic ones.

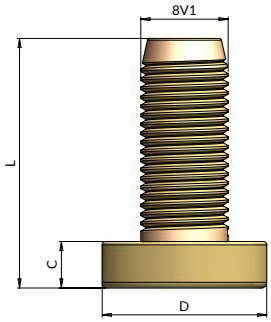
Heating



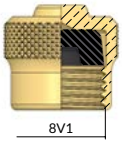
Expansion tanks
Technical features



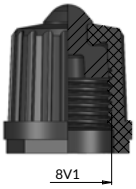
I/6215
I/6215ZLT
I/6216
I/6209



P/V3002



P/V3012



P/RB3022

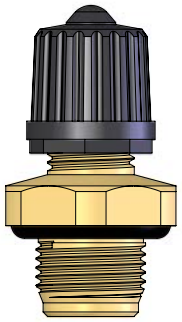
P/V446

P/V645

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6215	21 (0,83")	-	-	3,2 (0,13")	-	14,5 (0,57")	-	-	-	-
I/6215ZLT	22 (0,87")	-	-	4,0 (0,16")	-	14,5 (0,57")	-	-	-	-
I/6216	27,5 (1,08")	-	-	3,2 (0,13")	-	14,5 (0,57")	-	-	-	-
I/6209	28,5 (1,12")	-	-	4,1 (0,16")	-	14,5 (0,57")	-	-	-	-

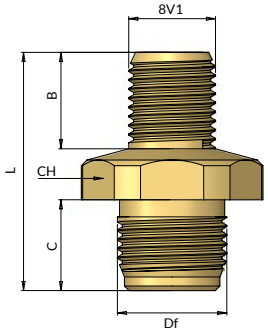
	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6215 I/6215ZLT I/6216 I/6209	Brass or brass with lead =<0,1%	Nickel plating or raw	Valve Body Valve core (also w/out lead) Gasket **Accessories:** Nickel-plated Brass or nylon Cap Washer Nickel-plated Nut

Expansion tanks
Technical features

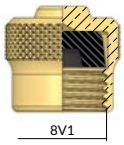


I/6011

I/6012



P/V3002



P/V3012

P/RB3022

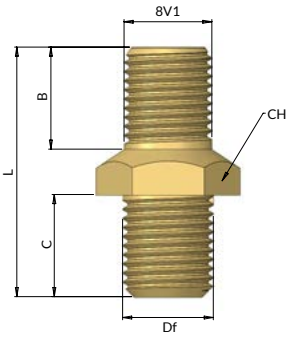
	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6011	21 (0,83”)	-	-	8 (0,31”)	8,5 (0,33”)	-	-	15 (0,59”)	-	1/8G / ISO 228
I/6012	21 (0,83”)	-	-	6 (0,24”)	11 (0,43”)	-	-	13 (0,51”)	-	M8X1

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6011 I/6012	Brass or brass with lead =<0,1%	Nickel plating or raw	Valve Body Valve core (also w/out lead) Gasket **Accessories:** Nickel-plated Brass or nylon Cap

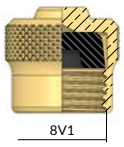
I/6005

I/6307

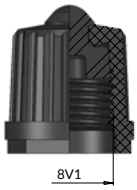
I/6308



P/V3002 - I/V3008



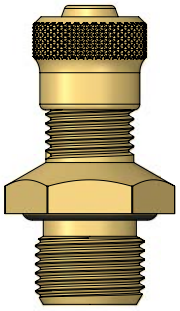
P/V3012



P/RB3022

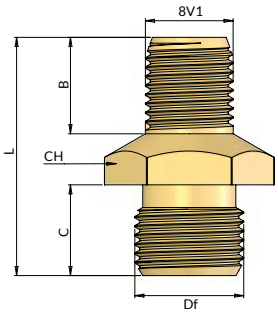
	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6005	23 (0,91")	-	-	9 (0,35")	8,5 (0,33")	-	-	11 (0,43")	-	1/8 NPT
I/6307	19 (0,75")	-	-	9 (0,35")	6 (0,24")	-	-	11 (0,43")	-	M8 (M8x1,25)
I/6308	22 (0,87")	-	-	9 (0,35")	9 (0,35")	-	-	11 (0,43")	-	M8 (M8x1,25)

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6005 I/6307 I/6308	Brass or brass with lead =<0,1%	Nickel plating or raw	Valve Body Valve core **Accessories:** Nickel-plated Brass or nylon Cap

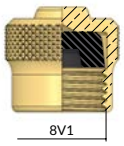


I/6009

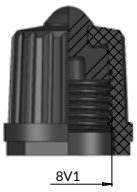
I/6010



P/V3002 - I/V3008



P/V3012

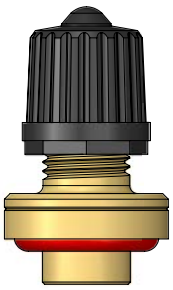


P/RB3022

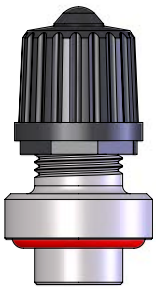
	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6009	21 (0,83”)	-	-	8 (0,31”)	8,5 (0,33”)	-	-	13 (0,51”)	-	1/8 G
I/6010	25,5 (1,00”)	-	-	10 (0,39”)	11 (0,43”)	-	-	16 (0,63”)	-	1/4 G

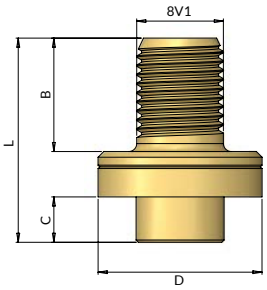
	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6009 I/6010	Brass or brass with lead =<0,1%	Nickel plating or raw	Valve Body Valve core NBR Gasket: (available also w/out) **Accessories:** Nickel-plated Brass or nylon Cap

Expansion tanks
Technical features

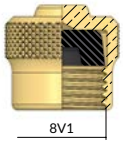


I/6218.1
I/6218.2
I/6218.5
I/6218.7
I/6218.8
I/6218.9

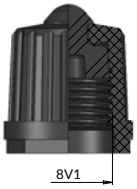




P/V3002HT2PH14



P/V3012

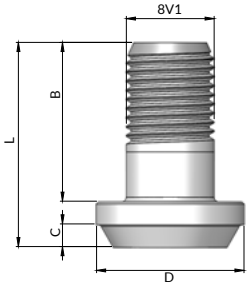


P/RB3022

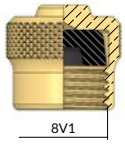
	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6218.1	18 (0,71”)	-	-	4 (0,16”)	10 (0,39”)	14,5 (0,57”)	-	-	-	-
I/6218.2	65 (2,56”)	-	-	5 (0,20”)	56 (2,20”)	14,5 (0,57”)	-	-	-	-
I/6218.5	19 (0,75”)	-	-	4 (0,16”)	11 (0,43”)	13 (0,51”)	-	-	-	-
I/6218.7	18 (0,71”)	-	-	4 (0,16”)	10 (0,39”)	13 (0,51”)	-	-	-	-
I/6218.8	21 (0,83”)	-	-	4 (0,16”)	13 (0,51”)	13 (0,51”)	-	-	-	-
I/6218.9	26 (1,02”)	-	-	4 (0,16”)	18 (0,71”)	13 (0,51”)	-	-	-	-

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6218.1	Brass or brass with lead =<0,1%	Nickel plating or raw	Valve Body Valve core Gasket **Accessories:** Nickel-plated Brass or nylon Cap
I/6218.2			
I/6218.5	Steel	Zinc plating	
I/6218.7			
I/6218.8			
I/6218.9			

I/6324



P/V3002HT2PH14
P/V3002HT

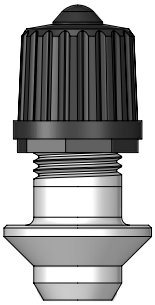


P/V3012

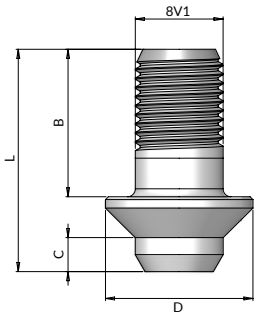
P/RB3022

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6324	18 (0,71")	-	-	2 (0.08")	14 (0,55")	13 (0,51")	-	-	-	-

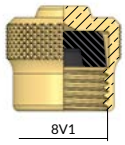
	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6324	Steel	Zinc plating	Valve Body Valve core **Accessories:** Nickel-plated Brass or nylon Cap



I/6321



P/V3002HT2PH14
P/V3002HT

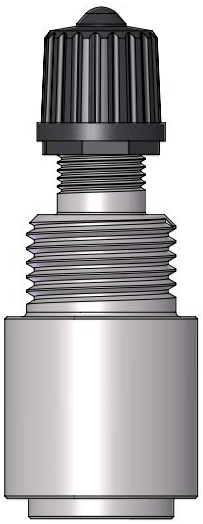


P/V3012

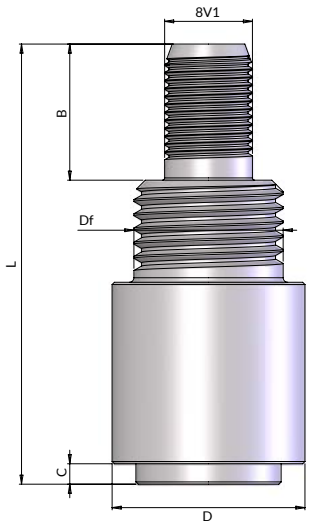
P/RB3022

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6321	19,6 (0.77")	-	-	3(0.12")	13 (0,51")	13 (0,51")	-	-	-	-

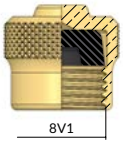
	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6321	Steel	Zinc plating	Valve Body Valve core **Accessories:** Nickel-plated Brass or nylon Cap



I/7080



P/V3002HT

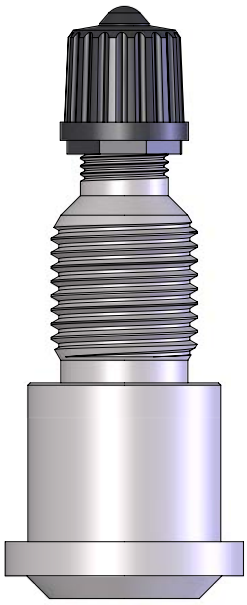


P/V3012

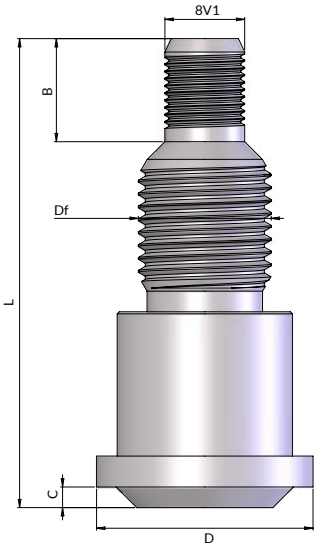
P/RB3022

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/7080	39 (1,54”)	-	-	3 (0,12”)	12 (0,47”)	17 (0,67”)	-	-	-	1/4 G

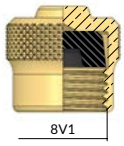
	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/7080	Steel	Zinc plating	Valve Body Valve core **Accessories:** Nickel-plated Brass or nylon Cap



I/7081



P/V3002HT2PH14



P/V3012

P/RB3022

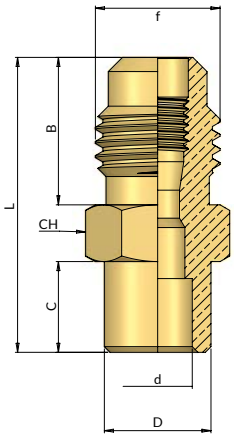
	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/7081	46 (1,81")	-	-	2 (0,08")	10 (0,39")	21 (0,83")	-	-	-	1/4 G

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/7081	Steel	Zinc plating	Valve Body Valve core **Accessories:** Nickel-plated Brass or nylon Cap

Industrial and residential

air-conditioning & cooling

Welding charge adapter
Technical features



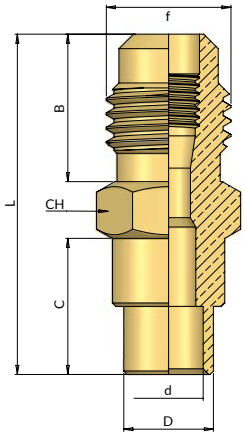
- I/6804
- I/6807
- I/6804-516
- I/6807-516

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6804	26 (1,02”)	-	-	8 (0,31”)	13 (0,51”)	9,4 (0,37”)	6,1 (0,24”)	11 (0,43”)	7/16”-20UNF (1/4” SAE)	-
I/6807	26 (1,02”)	-	-	8 (0,31”)	13 (0,51”)	9,4 (0,37”)	6,45 (0,25”)	11 (0,43”)	7/16”-20UNF (1/4” SAE)	-
I/6804-516	28 (1,10”)	-	-	8 (0,31”)	14 (0,55”)	9,4 (0,37”)	6,1 (0,24”)	14 (0,55”)	1/2”-20UNF (5/16”SAE)	-
I/6807-516	28 (1,10”)	-	-	8 (0,31”)	14 (0,55”)	9,4 (0,37”)	6,45 (0,25”)	14 (0,55”)	1/2”-20UNF (5/16”SAE)	-

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6804	Brass or brass with lead =<0,1%	Raw	-
I/6807			
I/6804-516			
I/6807-516			

Welding charge adapter

Technical features

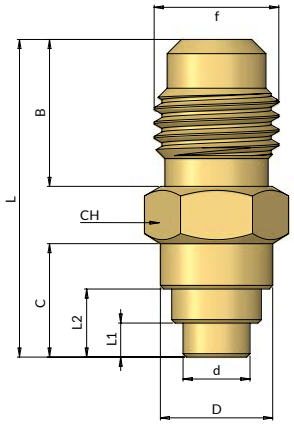


I/6808

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6808	30 (1,18")	-	-	12 (0,47")	13 (0,51")	7,9 (0,31")	6,1 (0,24")	11 (0,43")	7/16"-20UNF (1/4" SAE)	-

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6808	Brass or brass with lead =<0,1%	Raw	-

Welding charge adapter
Technical features

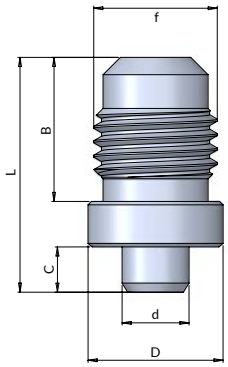


I/6830

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6830	28 (1,10”)	3 (0,12”)	6 (0,24”)	10 (0,39”)	13 (0,51”)	7,9 (0,31”)	5,9 (0,23”)	11 (0,43”)	7/16”-20UNF (1/4” SAE)	-

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6830	Brass or brass with lead =<0,1%	Raw	-

Welding charge adapter
Technical features



I/6811

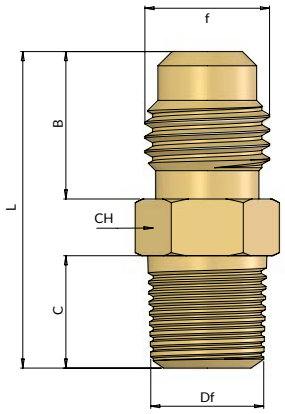
I/6811FE

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6811	21 (0,83")	-	-	4 (0,16")	13 (0,51")	12 (0,47")	6 (0,24")	-	7/16"-20UNF (1/4" SAE)	-
I/6811FE	21 (0,83")	-	-	4 (0,16")	13 (0,51")	12 (0,47")	6 (0,24")	-	7/16"-20UNF (1/4" SAE)	-

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6811	Aluminum	Raw	-
I/6811FE	Steel		

Screwing charge adapter

Technical features



I/6809

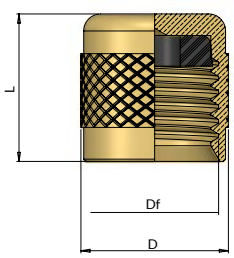
I/6813

I/6810

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6809	27,9 (1,10")	-	-	10 (0,39")	13 (0,51")	-	-	11 (0,43")	7/16"-20UNF (1/4" SAE)	1/8" NPT
I/6813	33,1 (1,30")	-	-	15 (0,59")	13 (0,51")	-	-	14 (0,55")	7/16"-20UNF (1/4" SAE)	1/4" NPT
I/6810	31(1,22")	-	-	13 (0,51")	13 (0,51")	-	-	11 (0,43")	7/16"-20UNF (1/4" SAE)	7/16"-20UNF

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6809	Brass or brass with lead =<0,1%	Raw	-
I/6813			
I/6810			

Metallic cap with knurling
Technical features



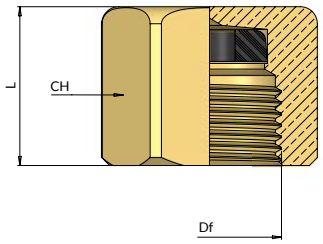
- I/V773
- I/V776
- I/V773PB01
- I/V776E
- I/V771

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/V773	13 (0,51")	-	-	-	-	13 (0,51")	-	-	-	7/16"-20UNF
I/V776	13 (0,51")	-	-	-	-	13 (0,51")	-	-	-	7/16"-20UNF
I/V773PB01	13 (0,51")	-	-	-	-	13 (0,51")	-	-	-	7/16"-20UNF
I/V776E	13 (0,51")	-	-	-	-	13 (0,51")	-	-	-	7/16"-20UNF
I/V771	14 (0,55")	-	-	-	-	15 (0,59")	-	-	-	1/2"-20UNF

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/V773	Brass	Nickel plating	NBR Gasket
I/V776		Raw	
I/V773PB01	Brass or brass with lead =<0,1%	Nickel plating	
I/V776E	Brass	Raw	EPDM Gasket
I/V771			NBR Gasket

Metallic cap with hexagonal key

Technical features



I/V779

I/V779.1

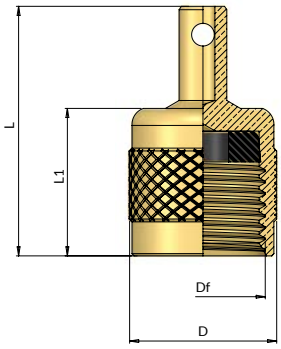
I/V780

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/V779	14 (0,55")	-	-	-	-	-	-	17 (0,67")	-	1/2"-20UNF
I/V779.1	14 (0,55")	-	-	-	-	-	-	17 (0,67")	-	1/2"-20UNF
I/V780	14 (0,55")	-	-	-	-	-	-	17 (0,67")	-	7/16"-20UNF

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/V779	Brass	Raw	NBR Gasket
I/V779.1			HNBR Gasket
I/V780			

Metallic cap with safety hole

Technical features

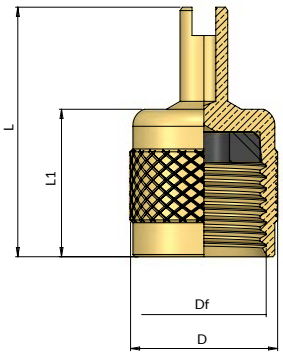


I/V778.1

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/V778.1	22 (0,87")	13 (0,51")	-	-	-	13 (0,51")	-	-	-	7/16"-20UNF

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/V778.1	Brass	Raw	Certified EN549 NBR Gasket

Metallic cap with 5V1 screwdriver for valve core
Technical features



I/V774

I/V777

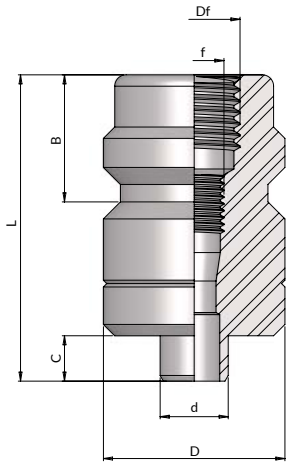
	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/V779	22 (0,87")	13 (0,51")	-	-	-	13 (0,51")	-	-	-	7/16"-20UNF
I/V777	22 (0,87")	13 (0,51")	-	-	-	13 (0,51")	-	-	-	7/16"-20UNF

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/V779	Brass	Nickel plating	NBR Gasket
I/V777		Raw	

Automotive

air-conditioning

High pressure charge adapter
Technical features



I/6984/AP

I/6986/AP

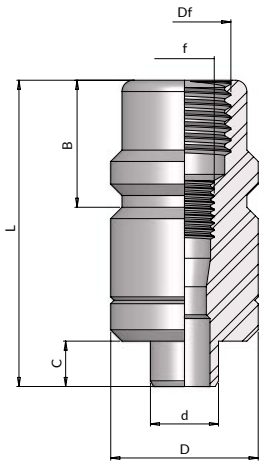
I/6986/APYF

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6984/AP	27 (1,06")	-	-	4 (0,16")	11,2 (0,44")	16 (0,63")	6 (0,24")	-	5V1	M8X1
I/6984/AP	27 (1,06")	-	-	4 (0,16")	11,2 (0,44")	16 (0,63")	6 (0,24")	-	5V1	M8X1
I/6986/APYF	27 (1,06")	-	-	4 (0,16")	17,1 (0,67")	16,9 (0,66")	6 (0,24")	-	5V1	M8X1

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6984/AP	Steel	Raw	-
I/6986/AP	Aluminum		
I/6986/APYF			

Low pressure charge adapter

Technical features



I/6980/BP

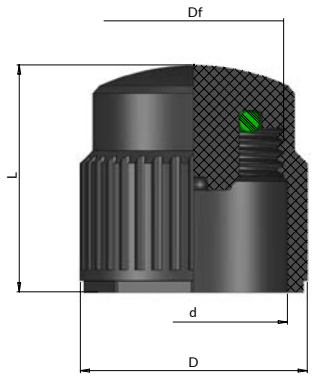
I/6982/BP

I/6982/BPYF

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/6980/BP	27 (1,06")	-	-	4 (0,16")	11,2 (0,44")	13 (0,51")	6 (0,24")	-	5V1	M8X1
I/6982/BP	27 (1,06")	-	-	4 (0,16")	11,2 (0,44")	13 (0,51")	6 (0,24")	-	5V1	M8X1
I/6982/BPYF	27 (1,06")	-	-	4 (0,16")	12,2 (0,48")	13,9 (0,55")	6 (0,24")	-	5V1	M8X1

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/6980/BP	Steel	Raw	-
I/6982/BP	Aluminum		
I/6982/BPYF			

Plastic cap
Technical features

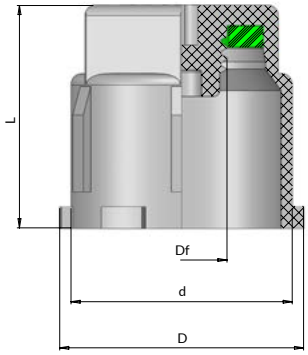


Plastic cap for high pressure

I/V750/AP

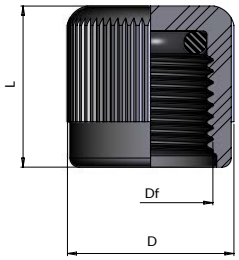
Plastic cap for low pressure

I/V752/BP

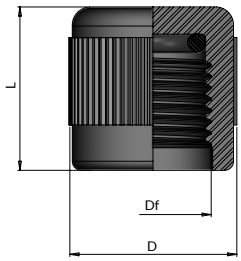


Universal Plastic cap
(suitable for low and high pressure)

I/V753GR



I/V800



I/V802

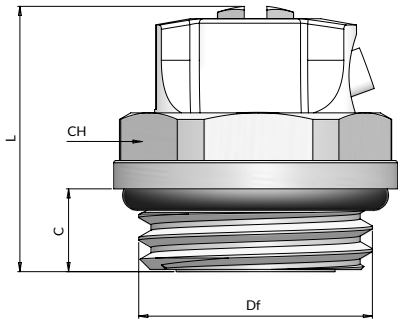
	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
I/V750/AP	20 (0,79")	-	-	-	-	20 (0,79")	16,5 (0,65")	-	-	M8X1
I/V752/BP	19,5 (0,77")	-	-	-	-	18,2 (0,72")	13,6 (0,53")	-	-	M8X1
I/V753GR	19,6 (0,77")	-	-	-	-	21,5 (0,85")	19,5 (0,77")	-	-	M8X1
I/V800	14,2 (0,56")	-	-	-	-	14,7 (0,58")	-	-	-	7/16"-20UNF
I/V802	14,4 (0,57")	-	-	-	-	14,8 (0,58")	-	-	-	M10X1.25

	MATERIAL	SURFACE TREATMENT	COMPONENTS
I/V750/AP	Black Nylon	-	HNBR Gasket
I/V752/BP			
I/V753GR	Green Nylon		EPDM Gasket
I/V800	Black Nylon		Chloroplene O-Ring
I/V802			

Thermosanitary

Metal/nylon valve with screw and adjustable breather

Technical features



VTNV1038

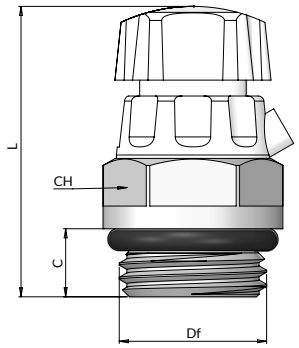
VTNV1012

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
VTNV1038	23 (0,90")	-	-	7 (0,28")	-	-	-	19 (0,75")	-	G 3/8"
VTNV1012	23 (0,90")	-	-	7 (0,28")	-	-	-	22 (0,87")	-	G 1/2"

	MATERIAL	SURFACE TREATMENT	COMPONENTS
VTNV1038 VTNV1012	Brass/Nylon	Nickel plating/White	Valve Body Q.5 Screw Epdm70 O-Ring Nylon Pipe Union

Metal/nylon valve with knob and adjustable breather

Technical features



VLN1018

VLN1014

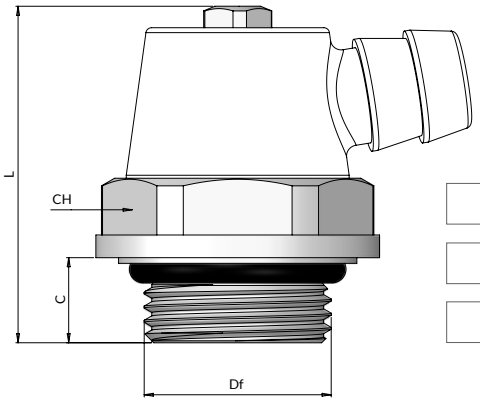
VTNV1012

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
VLN1018	24 (0,94”)	-	-	6 (0,24”)	-	-	-	14 (0,55”)	-	G 1/8”
VLN1014	26 (1,02”)	-	-	6 (0,24”)	-	-	-	14 (0,55”)	-	G 1/4"
VLN1038	26 (1,02”)	-	-	7 (0,28”)	-	-	-	17 (0,67”)	-	G 3/8”

	MATERIAL	SURFACE TREATMENT	COMPONENTS
VLN1018 VLN1014 VLN1038	Brass/Nylon	Nickel plating/White	Valve Body D.7 Screw EP70 O-Ring, Nylon Pipe Union

Metal/nylon valve with knob and adjustable breather

Technical features



RA1014

RA1038

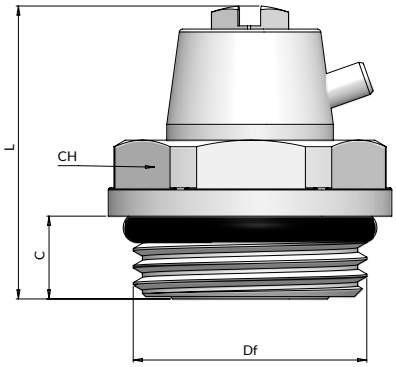
RA1012

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
RA1014	28 (1,10")	-	-	6 (0,24")	-	-	-	22 (0,87")	-	G 1/4"
RA1038	28 (1,10")	-	-	7 (0,28")	-	-	-	22 (0,87")	-	G 3/8"
RA1012	28 (1,10")	-	-	7 (0,28")	-	-	-	22 (0,87")	-	G 1/2"

	MATERIAL	SURFACE TREATMENT	COMPONENTS
RA1014	Brass/Nylon	Nickel plating/White	Drain Tap Pin NBR70 O-Ring EP70 O-Ring Nylon Pipe Union
RA1038			
RA1012			

Metal valve with screw and adjustable breather

Technical features



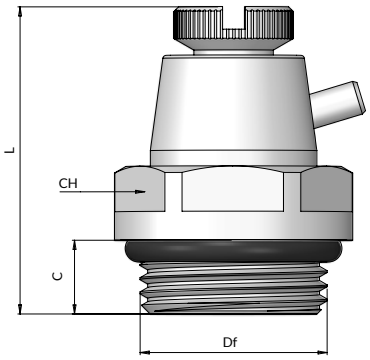
- VTM1018
- VTM1014
- VTM1038
- VTM1012

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
VTM1018	23 (0,90")	-	-	7 (0,28")	-	-	-	14 (0,55")	-	G 1/8"
VTM1014	23 (0,90")	-	-	7 (0,28")	-	-	-	14 (0,55")	-	G 1/4"
VTM1038	23 (0,90")	-	-	7 (0,28")	-	-	-	19 (0,75")	-	G 3/8"
VTM1012	25 (0,98")	-	-	7 (0,28")	-	-	-	21 (0,87")	-	G 1/2"

	MATERIAL	SURFACE TREATMENT	COMPONENTS
VTM1018	Brass	Nickel plating	Valve Body Q.5 Screw NBR70 O-Ring EP70 O-Ring Metallic Pipe Union
VTM1014			
VTM1038			
VTM1012			

Metal valve with knob and adjustable breather

Technical features



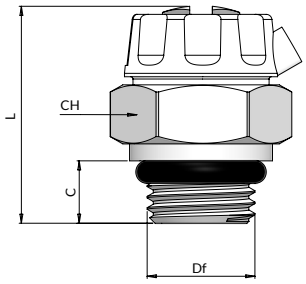
- VLM1018
- VLM1014
- VLM1038
- VLM1012

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
VLM1018	26 (1,02”)	-	-	7 (0,28”)	-	-	-	14 (0,55”)	-	G 1/8”
VLM1014	26 (1,02”)	-	-	7 (0,28”)	-	-	-	14 (0,55”)	-	G 1/4"
VLM1038	26 (1,02”)	-	-	7 (0,28”)	-	-	-	19 (0,75”)	-	G 3/8”
VLM1012	28 (1,10”)	-	-	7 (0,28”)	-	-	-	22 (0,87”)	-	G 1/2”

	MATERIAL	SURFACE TREATMENT	COMPONENTS
VLM1018	Brass	Nickel plating	Valve Body, Vent Screw NBR70 O-Ring EP70 O-Ring Metallic Pipe Union
VLM1014			
VLM1038			
VLM1012			

Metal/nylon valve with screw and adjustable breather

Technical features



VTN1018

VTN1014

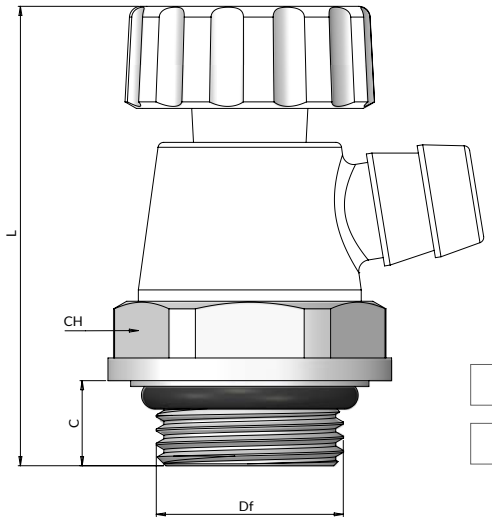
VTN1038

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
VTN1018	18 (0,71")	-	-	6 (0,24")	-	-	-	14 (0,55")	-	G 1/8"
VTN1014	18 (0,71")	-	-	6 (0,24")	-	-	-	14 (0,55")	-	G 1/4"
VTN1038	20 (0,79")	-	-	7 (0,28")	-	-	-	17 (0,67")	-	G 3/8"

	MATERIAL	SURFACE TREATMENT	COMPONENTS
VTN1018	Brass/Nylon	Nickel plating/White	Valve Body Q. 5 Screw EP70 O-Ring Nylon Pipe Union
VTN1014			
VTN1038			

Metal/nylon tap with knob and adjustable breather

Technical features



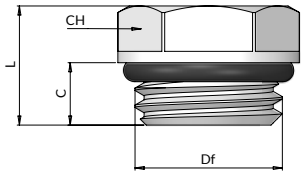
RAVL1014

RAVL1038

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
RAVL1014	40 (1,6”)	-	-	6 (0,2”)	-	-	-	22 (0,87”)	-	G 1/4"
RAVL1038	40 (1,6”)	-	-	7 (0,3”)	-	-	-	22 (0,87”)	-	G 3/8”

	MATERIAL	SURFACE TREATMENT	COMPONENTS
RAVL1014 RAVL1038	Brass/Nylon	Nickel plating/White	Drain Tap Tap Screw Vent Screw NBR70 O-Ring EP70 O-Ring EPDM70 O-Ring Nylon Pipe Union

Plug
Technical features



T1018

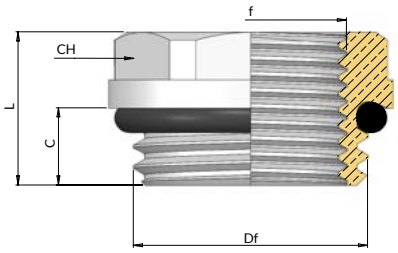
T1014

T1038

T1012

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
T1018	11 (0,43”)	-	-	5 (0,20”)	-	-	-	11 (0,43”)	-	G 1/8”
T1014	11 (0,43”)	-	-	5 (0,20”)	-	-	-	14 (0,55”)	-	G 1/4"
T1038	13 (0,51”)	-	-	6 (0,24”)	-	-	-	19 (0,75”)	-	G 3/8”
T1012	14 (0,55”)	-	-	7 (0,28”)	-	-	-	22 (0,87”)	-	G 1/2”

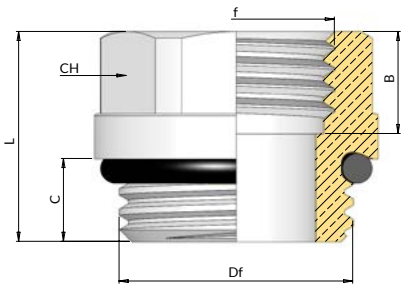
	MATERIAL	SURFACE TREATMENT	COMPONENTS
T1018	Brass	Nickel plating	Body EP70 O-Ring
T1014			
T1038			
T1012			



RN101238

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
RN101238	14 (0,55”)	-	-	7 (0,28”)	-	-	-	22 (0,87”)	G 3/8”	G 1/2”

	MATERIAL	SURFACE TREATMENT	COMPONENTS
RN101238	Brass	Nickel plating	Body EP70 O-Ring



RR101238

	L mm (inche)	L1 mm (inche)	L2 mm (inche)	C mm (inche)	B mm (inche)	D mm (inche)	d mm (inche)	CH mm (inche)	f	Df
RR101238	18,50 (0,73")	-	-	7,3 (0,29")	9 (0,35")	-	-	22 (0,87")	G 3/8"	G 1/2"

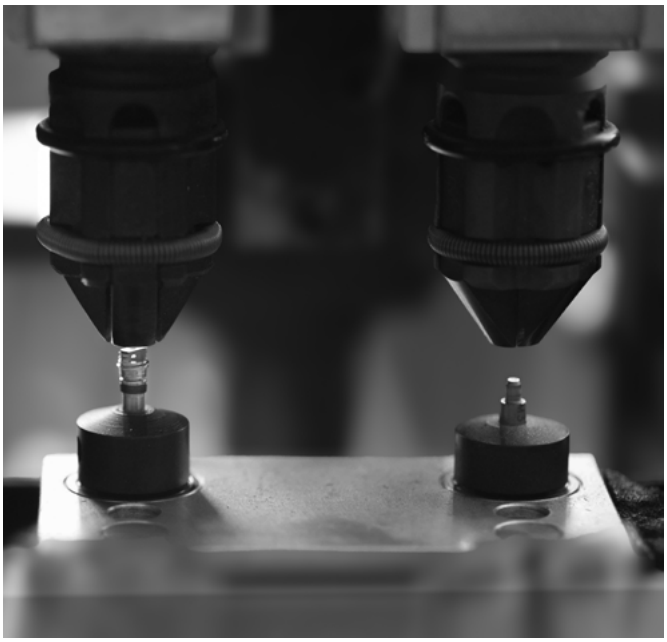
	MATERIAL	SURFACE TREATMENT	COMPONENTS
RR101238	Brass	Nickel plating	Body EP70 O-Ring

Valve

cores

Nowadays climate change represents a strong and irreversible threat for society, for the new generations and for our fragile planet.
After the Paris COP21-CMP11, 195 countries committed to a maximum cooperation to speed up the pace in the reduction of greenhouse gas emissions, with an ambitious path for limiting global warming within the 2°C threshold for the following 5 years.
The UE plan for 2023, at goal 13, underlines the need for the adoption of immediate actions in order to fight climate change. The target is to reduce greenhouse gas emissions up to 30/40% by 2023 and to reach net-zero emissions by 2050.

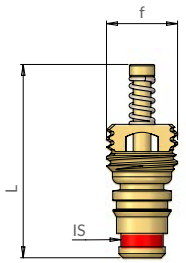
Record, in the last 20 years, has developed and patented new valve cores as solution to operate with the higher values in pressure and temperature required by the more eco-friendly systems.
Specifically, Record focused on the research and the development of the best HNBR polymer to realize seals for its cores. This compound is able to work with both new 4th generation HFO gases, with blends with very low GWP and with the most recent HC blends without forgoing compatibility with the gases currently on the market.



Moreover, the most far-reaching targets in adopting gases with lower GWP have pushed us to find a new elastomer suited to work with C02 and patent a new core (ref. V2982.1). The focus of the new product has been to the permeability and its consequent effect on the seal integrity in case of fast decompression.

Record is always ready for the challenge stemming from the ever-changing customers' needs, without losing the focus on the pillars of sustainable development. Our mission is to realize valves and valve cores for and together with clients while pursuing high standards in corporate social responsibility and climate change sustainability.

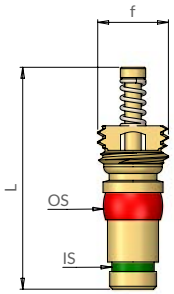
Valve cores
Technical features



	P/V3002HT	P/V3002HT2PH14
EC	F	G
L mm (inche)	16,3 (0,64")	14 (0,55")
F	5V1	5V1
Site	I	I
Double body	-	X
HT	X	X
HP	-	-
Inner spring	-	-
Surface treat.	-	-
Scope - General use	Valve core for air application, designed especially for high temperatures (HT); recommended in expansion tanks for heating systems. The particular shape of the metallic ring, during the screwing of the core into the valve body, let a deformation against the conical shape of the valve body, creating a kind of soldering between the two metallic base materials.	Valve core for air application, designed especially for high temperatures (HT); recommended in expansion tanks for heating systems. The particular shape of the metallic ring, during the screwing of the core into the valve body, let a deformation against the conical shape of the valve body, creating a kind of soldering between the two metallic base materials.
Outer Seal OS	-	-
Inner Seal IS	SYLICON ■	SYLICON ■
Torque force Nm (lbf ft)	0,55 - 0,90 (0,40 - 0,66)	0,55 - 0,90 (0,40 - 0,66)
Spring load gr (lb)	>200 (>0,44)	>200 (>0,44)
Operating pressure bar (psi)	0 - 15 (0 - 217)	0 - 15 (0 - 217)
Static max. pressure bar (psi)	30 (435)	30 (435)
Working temperature °C (°F)	-60 +200 (-76 +392)	-60 +200 (-76 +392)
Temperature thresold °C (°F)	-250 +300 (-480 +570)	-250 +300 (-480 +570)
Air flow rate 7 bar - 100 psi m^3 / h (lt / minute)	>9 (>150)	>9 (>150)

The information included in the table are general points and not a product validation for each specific final use

Valve cores
Technical features

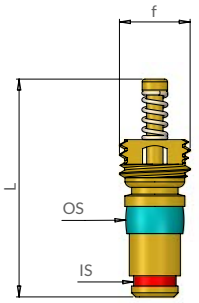


PATENTED

	I/V2982.1 CO_2	I/V29832PEU.ECO *NEW 2020*	P/V2998.ECO *NEW 2017 R 290 ready*	I/V29982PEU.ECO *NEW 2017 R 290 ready*	P/V3002EU	I/V30062PEU
EC	C	C	B	C	-	C
L mm (inche)	16,3 (0,64")	16,3 (0,64")	16,3 (0,64")	16,3 (0,64")	16,3 (0,64")	16,3 (0,64")
F	5V1	5V1	5V1	5V1	5V1	5V1
Site	I	I	I	I	I	I
Double body	X	X	-	X	X	X
HT	-	-	-	-	-	-
HP	X	X	X	X	X	X
Inner spring	-	-	-	-	-	-
Surface treat.	-	Nickel plated	Nickel plated	Nickel plated	Nickel plated	Nickel plated
Scope - General use	Recommended for water-steam, water based drilling fluids, amines, alkalines, hydrogen sulfide, silicone oil and grease, gaseous CO2, petroleum fluids (<10% mixtures), ketones, posphapte esters, alcohols, dilute acids, ozone, cleaning agents. Resistant to extrusion at high pressure, to explosive decompression.	Valve core for refrigeration systems: HC + HFC + HFO + BLENDS (mix HFO+HFC) (PAG, POE,PVE,OM). Not compatible with gas R11, R12, R22, R123. Ideal for high operative pressure. Best perfomance at low temperature.	Valve core for refrigeration systems: HC + HFC + HFO + BLENDS (mix HFO+HFC) (PAG, POE,PVE,OM). Not compatible with gas R11, R12, R22, R123. Ideal for high operative pressure. Valve core with HNBR approved PSA S27 3100. R290 ready.	Valve core for refrigeration systems: HC + HFC + HFO + BLENDS (mix HFO+HFC) (PAG, POE,PVE,OM). Not compatible with gas R11, R12, R22, R123. Ideal for high operative pressure. Valve core with HNBR approved PSA S27 3100. R290 ready.	Valve core for air applications. Recommended for special applications like diving tanks.	Valve core for refrigeration systems: R11, R12, R22, R123, R134A, R404A, R407C, R410A. Valve core for HFC + HFO + BLENDS cylinders. PAG + POE + PVE. Not compatible with mineral oils (OM).
Outer Seal OS	EPDM ■----------	HNBR VDRN91 (Lopigom) ■	PTFE ■	HNBR (Lopigom) ■	PTFE ■	CHLOROPRENE ■
Inner Seal IS	EPDM ■----------	HNBR VDRN91 (Lopigom) ■	HNBR (Lopigom) ■	HNBR (Lopigom) ■	SYLICON ■	CHLOROPRENE ■
Torque force Nm (lbf ft)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)
Spring load gr (lb)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)
Operating pressure bar (psi)	0 - 60 (0 - 870)	0 - 60 (0 - 870)	0 - 60 (0 - 870)	0 - 60 (0 - 870)	0 - 60 (0 - 870)	0 - 60 (0 - 870)
Static max. pressure bar (psi)	140 (2030)	140 (2030)	140 (2030)	140 (2030)	140 (2030)	140 (2030)
Working temperature °C (°F)	-35 +120 (-31 +248)	-45 +120 (-49 +248)	-25 +130 (-13 +266)	-25 +145 (-13 +293)	-60 +200 (-76 +392)	-32 +100 (-25 +212)
Temperature thresold °C (°F)	-50 +150 (-58 +302)	-50 +130 (-58 +266)	-35 +150 (-31 +300)	-35 +160 (-31 +320)	+230 (+446)	-40 +130 (-40 +266)
Air flow rate 7 bar - 100 psi m^3 / h (lt / minute)	>12 (>200)	>12 (>200)	>12 (>200)	>12 (>200)	>12 (>200)	>12 (>200)

The information included in the table are general points and not a product validation for each specific final use

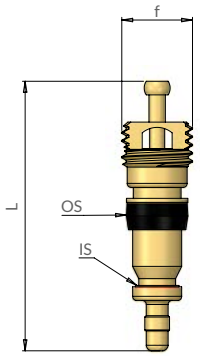
Valve cores
Technical features



	P/V2979	P/V2990	P/V3002	P/V30022P *NEW 2022*	I/V3006	I/V3008	I/V3008.1
EC	-	A	A	H	A	A	A
L mm (inche)	16 (0,63")	16 (0,63")	16 (0,63")	16 (0,63")	16 (0,63")	16 (0,63")	16 (0,63")
F	5V1	5V1	5V1	5V1	5V1	5V1	5V1
Site	I	I	I	E	I	I	I
Double body	X	-	-	X	-	-	-
HT	-	-	-	-	-	-	-
HP	-	-	-	-	-	-	-
Inner spring	-	-	-	-	-	-	-
Surface treat.	Nickel plated	Nickel plated	Nickel plated	Nickel plated	Nickel plated	Nickel plated	Nickel plated
Scope - General use	Fuel applications in total or partial immersion. Recommended for static sealing in automotive pumps and pipes.	Valve core for air applications. Spring extra strong for opening pressures maior than 80 psi. Recommended for racing car tyres.	Valve core for air applications. Recommended for tires, expansion tanks, air cylinders...	Valve core for air applications. Recommended for tires, expansion tanks, air cylinders...	Valve core for refrigeration systems: R11, R12, R22, R123, R134A, R404A, R407C, R410A. Valve core for HFC + HFO + BLENDS cylinders. PAG + POE. Not compatible with mineral oils (OM)	Valve core for Halon extinguishers applications. Valve core for cylinders containing gpl, natural gas, propane R290, butane R600.	Valve core for gas distribution plants, according to EN 549 B2 H3 (natural gas).
Outer Seal OS	FKM-VITON	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE
Inner Seal IS	Inner Seal	SYLICON	SYLICON	SYLICON	CHLOROPRENE	NBR OLEOPREX	NBR EN549 B2H3
Torque force Nm (lbf ft)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)
Spring load gr (lb)	>200 (>0,44)	>300 (>0,66)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)
Operating pressure bar (psi)	0 - 15 (0 - 217)	0 - 15 (0 - 217)	0 - 15 (0 - 217)	0 - 15 (0 - 217)	0 - 15 (0 - 217)	0 - 15 (0 - 217)	0 - 15 (0 - 217)
Static max. pressure bar (psi)	40 (580)	35 (508)	35 (500)	-	35 (500)	35 (500)	35 (500)
Working temperature °C (°F)	-25 +200 (-13 +392)	-60 +200 (-76 +392)	-60 +200 (-76 +392)	-40 +135 (-40 +275)	-40 +100 (-40 +212)	-30 +100 (-22 +212)	-20 +80 (-4 +176)
Temperature thresold °C (°F)	-	+230 (+446)	+230 (+446)	-45°C +105°C (24h) H&L Temp.Test	+130 (+266)	-30 +100 (-22 +248)	-
Air flow rate 7 bar - 100 psi m^3 / h (lt / minute)	>12 (>200)	>12 (>200)	>12 (>200)	>12 (>200)	>12 (>200)	>12 (>200)	>12 (>200)

The information included in the table are general points and not a product validation for each specific final use

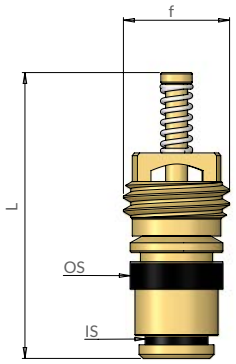
Valve cores
Technical features



	P/V2999	P/V3003	P/V3003G
EC	D	-	F
L mm (inche)	19 (0,75")	19 (0,75")	19 (0,75")
F	5V1	5V1	5V1
Site	E	E	E
Double body	-	-	-
HT	-	-	-
HP	-	-	-
Inner spring	X	X	X
Surface treat.	Nickel plated	Nickel plated	-
Scope - General use	Valve core for refrigeration systems: R134A, R404A, R407C (PAG, POE). Not compatible with gas R11, R12, R22, R123. Gasproof (propane, butane).	Valve core for air and nitrogen applications. Recommended for tires, expansion tanks, air cylinders…	Valve core for air and nitrogen applications. Recommended for tires, expansion tanks, air cylinders…
Outer Seal OS	PTFE ■	PTFE ■	PTFE ■
Inner Seal IS	HBNR ■	SYLICON ■	SYLICON ■
Torque force Nm (lbf ft)	0,30 - 0,40 (0,22 - 0,29)	0,35 - 0,45 (0,26 - 0,33)	0,35 - 0,45 (0,26 - 0,33)
Spring load gr (lb)	>300 (>0,66)	>300 (>0,66)	>300 (>0,66)
Operating pressure bar (psi)	0 - 16 (0 - 232)	0 - 12 (0 - 174)	0 - 12 (0 - 174)
Static max. pressure bar (psi)	35 (500)	15 (218)	15 (218)
Working temperature °C (°F)	-15 +115 (-5 +240)	-40 +100 (-40 +212)	-40 +100 (-40 +212)
Temperature thresold °C (°F)	-30 +120 (-22 +248)	+110 +230	+110 +230
Air flow rate 7 bar - 100 psi m^3 / h (lt / minute)	>9 (>150)	>9 (>150)	>9 (>150)

The information included in the table are general points and not a product validation for each specific final use

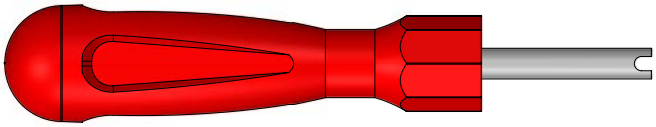
Valve cores
Technical features



	I/V2980	P/V29942P	P/V29942PE	P/V29942PK	I/V2994E	I/V2994CO2 *in progress 2024*	P/V2996	P/V2996.1
EC	-	L	-	-	M	-	-	-
L mm (inche)	21 (0,83")	21 (0,83")	21 (0,83")	21 (0,83")	21 (0,83")	21 (0,83")	21 (0,83")	21 (0,83")
F	M8X1	M8X1	M8X1	M8X1	M8X1	M8X1	8V1	8V1
Site	I	I	I	I	I	I	I	I
Double body	X	X	X	X	-	-	-	-
HT	-	-	-	-	-	-	-	-
HP	-	-	-	X	-	X	-	-
Inner spring	-	-	-	-	-	-	-	-
Surface treat.	Nickel plated	Nickel plated	Nickel plated	Nickel plated	Nickel plated	Nickel plated	Nickel plated	Nickel plated
Scope - General use	Fuel applications in total or partial immersion. Recommended for static sealing in automotive pumps and pipes. Recommended for static sealing in automotive pumps and pipes.	Valve core for refrigeration systems: R11, R12, R22, R123. Valve core for HFC + HFO + BLENDS cylinders. PAG + POE. Not compatible with mineral oils (OM). Recommended for racing car tyres.	Valve core resistant to HFE system fluids. Resistant to ozone, to long heat exposition, to aging. Recommended for tires, expansion tanks, air cylinders…	Valve core for Extensive EOG market (Energy, Oil, Gas); fast decompression according to NACE TM0297-97. Tested with Methanol, Oil, Marsten Bentley oceanic fluids, Kerosene, Baroid Petrofree drilling fluid. POE. Not compatible with mineral oils (OM).	Valve core with EPDM approved VW and BMW (TL-52432 approved): for HVAC systems in endothermic engines (R134A, R1234yf). Resistant to ozone, to long heat exposition, to aging.	Valve core for CO2 air conditioning systems.	Valve core for air applications.	Valve core for refrigeration systems: R11, R12, R22, R123. Valve core for HFC + HFO + BLENDS cylinders. PAG + POE. Not compatible with mineral oils (OM).
Outer Seal OS	FKM-VITON ■	CHLOROPRENE ■	EPDM ■	HNBR KA183-85 ■	PTFE ■	PTFE ■	PTFE ■	PTFE ■
Inner Seal IS	FKM-VITON ■	CHLOROPRENE ■	EPDM ■	HNBR KA183-85 ■	EPDM ■	EPDM ■	SYLICON ■	CHLOROPRENE ■
Torque force Nm (lbf ft)	1,5 - 1,8 (1,1 - 1,3)	1,2 - 2,5 (0,9 - 1,8)	1,2 - 2,5 (0,9 - 1,8)	1,2 - 2,5 (0,9 - 1,8)	1,2 - 2,5 (0,9 - 1,8)	1,2 - 2,5 (0,9 - 1,8)	1,2 - 2,5 (0,9 - 1,8)	1,2 - 2,5 (0,9 - 1,8)
Spring load gr (lb)	>200 (>0,44)	>300 (>0,66)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)
Operating pressure bar (psi)	0 - 30 (0 - 435)	0 - 30 (0 - 435)	0 - 30 (0 - 435)	0 - 80 (0 - 1160)	0 - 30 (0 - 435)	0 - 30 (0 - 435)	0 - 7 (0 - 100)	0 - 30 (0 - 435)
Static max. pressure bar (psi)	60 (870)	60 (870)	60 (870)	150 (2175)	60 (870)	60 (870)	30 (435)	60 (870)
Working temperature °C (°F)	-25 +200 (-13 +392)	-32 +100 (-25 +212)	-50 +150	-25 +130 (-13 +266)	-35 +120 (-31 +248)	-35 +120 (-31 +248)	-60 +200 (-76 +392)	-40 +120 (-40 +248)
Temperature thresold °C (°F)	-	-40 +130 (-40 +266)	-	-35 +150 (-31 +300)	-40 +130 (-40 +266)	-50 +150 (-58 +302)	+230 (+446)	+130 (+266)
Air flow rate 7 bar - 100 psi m^3 / h (lt / minute)	>12 (>200)	>30 (>500)	>30 (>500)	>30 (>500)	>30 (>500)	>30 (>500)	>30 (>500)	>30 (>500)

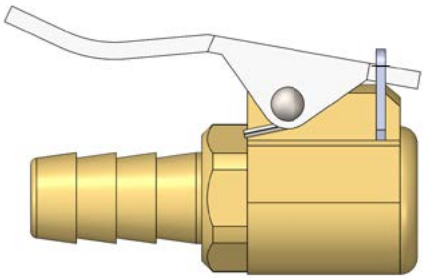
The information included in the table are general points and not a product validation for each specific final use

Screwdriver for 5V1 valve core



P/V9556

Air and pump connector



Available in
different diameters

P/4007

Record Spa

24040 Bonate Sotto (BG)
Via Vittorio Veneto, 65 - Italy

+39 035-900-2811
record@recordspa.it
www.recordspa.it