



VALVE COMPONENTS & PETROCHEMICAL SOLUTIONS

your needs our passion



technicalcatalogue





since 1963 **INOX MECC**
is the Italian benchmark
for the manufacturing
of valve components
in the chemical
and petrochemical industry.

Top leader in the manufacturing
of stems, bodies, closures,
bonnets, discs, seats, flanges,
and special components
built upon customers
specific requests.



COMPANY

INOX MECC is the Italian benchmark for the manufacturing of valve components in the **chemical and petrochemical industry**.

For over 30 years, the solid structure organization and the flexibility of the manufacturing process have been the strengths of our company which stands out for our commitment to customers and the expertise to provide **immediate solutions for a wide spectrum of industrial demands**.

Along with continuing technological innovation, **INOX MECC** has been keeping up with the evolving advancements in the valve components sector. Large investments in automated manufacturing processes as well as monitoring and quality control equipment have guaranteed the highest quality level in **compliance with current environmental and safety requirements**.

Modern equipment, consolidated skills and “just in time” process management ensure both incomparable technical and quality performances as well as **competitive prices for the Italian and international petrochemical market**.





QUALITY



The base of operations at **INOX MECC** always ensures high manufacturing standards thanks to the continuing research and development, training of our personnel and technicians, the selection of high quality materials and the investment in technologically advanced equipment.

The primary objective of our corporate policy is to fully satisfy our customers, a goal represented by the achievement of the UNI-EN-ISO 9001:2008 certification in 2004.

The “Quality Management System” at **INOX MECC** ensures prompt responses, fast and certified manufacturing in full compliance with safety and environmental regulations (API Q1 Compliance).

The core of the “Quality System” is represented by the Measurement Lab: located inside the manufacturing department, the Quality Lab operators manage and coordinate the inspection and quality control operations of all the manufacturing procedures.

The area is equipped with the best measuring tools where the operators certify the effective compliance of our quality control system.





3D coordinate measuring machine COORD33



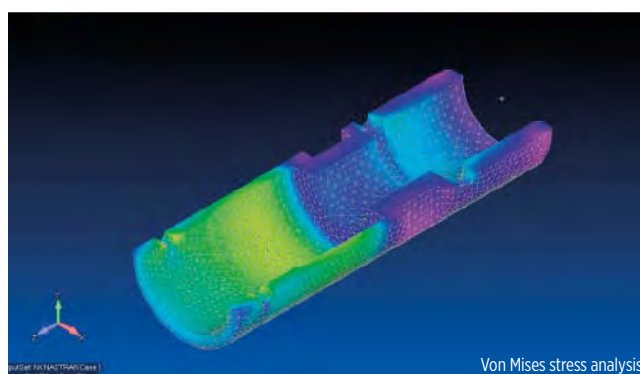
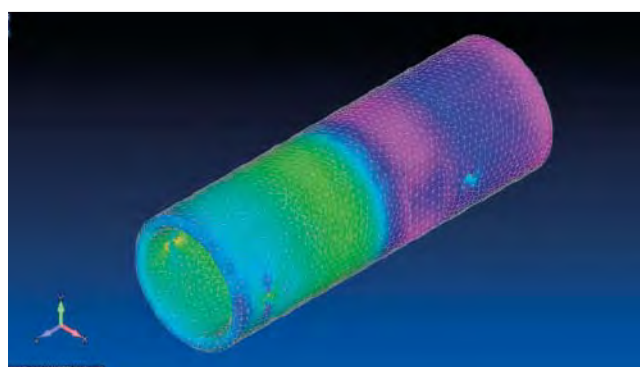
3D measuring machine



MODULA automatic vertical storage



Test equipment



Von Mises stress analysis

MATERIALS



INOX MECC extends on a 6000 square meters area exclusively dedicated to the supply of raw materials. The objective is to offer our customers immediate availability of raw materials in order for the manufacturing process to be scheduled the very moment the order is received.

INOX MECC colour and bar-coding system is organized to efficiently optimize warehouse management and to ensure the actual identity of all the raw materials in stock: all the bars, billets, sheets and tubes in our warehouse are identified by the mill and heat number.

The code indicating each casting batch is univocally paired with the individual casting number of the material, the manufacturer and the certificate of origin. This way, when materials are brought inside or taken outside our facilities, a PMI (Positive Material Identification) Control is carried out utilizing x-ray technology, which is the only way to effectively detect any identification or blend error. The company is equipped with three PMI instruments, two at the raw material warehouse check-in and one at the Quality Control Department check-out.

The wide range of available materials include standard stocks such as AISI 410, 316 and 304 steels, as well as more special metals and alloys such as duplex, superduplex, titanium, nickel alloys (Inconel 625, Inconel 718) and hastelloy. Each material is 100% certified by a warranty of traceability indicating the casting batch and PMI (Positive Material Identification) for delivery and pick-up admission.





DESCRIPTION	MATERIAL	UNS
Stainless steel	17-4-PH	S17400
Heat-resisting steel	1.0460 (C22.8)	-
	1.4122	-
	AISI 410 CL.2 (standard)	S41000
	AISI 410 CL.3	S41000
	AISI 410 HB 260/290	S41000
	AISI 410-H	-
	AISI 416	S41600
	AISI 420	S42000
	AISI 422 (Gr 616)	S42200
	AISI 430	S43000
	AISI 431	S43100
	F6 NM	S41500
	X10CrMoVNb9	-
	X20CrMoV11	-
Martensitic Stainless steel	18NiCrMo5	-
	K12	-
Case-Hardened Steel	A105N (A106 GR.B)	K03504
	A694 F60 (carbon)	K03014
	LF2 CL.1 (GR.6)	K03011
Carbon and Manganese Steel	ALLOY 926	N08926
	F303 (AISI 303)	S30300
	F304-L (TP304-L)	S30403
	F309-L	S30900
	F310	S31000
	F310 MoLN	S31050
	F316H	S31609
	F316-L (TP316-L)	S31603
	F316-L MO2,5	S31603
	F316-L UREA GRADE	S31603
	F316LN	S31653
	F316Ti	S31635
	F317-L	S31703
	F321 (TP321)	S32100
	F347	S34700
	F44	S31254
	F904L	N08904
	GR660	S66286
	XM19	S20910
Austenitic Stainless Steel		

High-Speed Steel	AVP	-
	C30	-
	C40	-
Carbon Steel	C43	-
	C45	-
Iron/Austenitic Stainless Steel (duplex)	F51	S31803
Iron/Austenitic Stainless Steel (super duplex)	F53	S32750
	F55	S32760
Ferritic Stainless Steel	XM34	S18200
	AISI 4130	G41300
	AISI 4140 (42CD4)	G41400
	F1	K12822
	F11 (P11)	K11572
Alloy Steel	F22 CL.3 (B22-P22)	K21590
	F5 (P5)	K41545
	F9 (P9)	K90941
	F91 (P91)	K90901
	ALLOY 20	N08020
	ALLOY 28	N08028
	HASTELLOY B	N10001
	HASTELLOY C276	N10276
	HASTELLOY C4	N06455
Nickel Alloy	INCOLOY 800	N08800
	INCOLOY 825	N08825
	INCONEL 600	N06600
	INCONEL 625	N06625
	INCONEL 718 API 6A (ALLOY 718)	N07718
Nickel and Copper Alloy	MONEL 400	N04400
	MONEL K500	N05500
Aluminium	ALUMINIUM	-
	B148-C95400	C95400
Aluminium Bronze	B148-C95800	C95800
	B62	C83600
Titanium	B348 gr 2	R50400
	B348 gr 5	R56400
Cast Iron for general use	CAST IRON	-
Malleable Cast Iron	CAST IRON F25530	F25530
Ni-resis Austenitic Spheroidal Cast Iron	CAST IRON NiRe	-
	D2 NiCr202	-



PRODUCTS



INOX MECC, world leader in the manufacturing of stems, disks and seats also offers its customers a wide range of Valve Fittings & Injection Grease Fittings built according to the company or customer specifications. Thanks to our Technical Department we are able to adapt our products to the customers' needs.

INOX MECC can manufacture the entire range of products here listed from any raw material requested by the customer, offering the following services:

- Functional inspection using hydraulic and pneumatic test benches in accordance with API 598 specifications or other international/customer standards.
- Certificate of hydraulic/pneumatic inspection
- Traceability of the material by lot identification (heat code/ bar code), rating pressure markings and any other markings required by the customer.
- Supply of raw material certificates of origin and additional tests (PT, UT, MT), 3.2, etc and for our customers online access to download certificates, additional testings and general documents (invoices, delivery notes, etc..)
- Protective surface treatments such as galvanization, phosphatization, ENP and others upon customer request.

PRODUCTS

Single & Double check valves
Soft seat check valves
Lock seal fittings
Grease fittings
Bleeder & Bleeder Bonnet
Relief Valves (adjustable and automatic)
Drain Valves
Vent cups
Bullplugs
Pressure Relief Tools
Plugs & other fittings

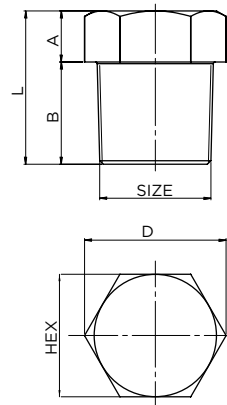
PRODUCT VARIATIONS

Hydro or gas services
Metal-to-metal or soft seal
With or without external O-Ring
With or without vent cup
Internal or external hex bolts
Spherical, disc or conical wedge
Standard or long pattern (extended body)

notes: other products
or different fittings designs are available on request
all measures in data sheets are in millimeters

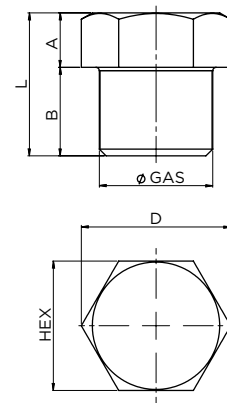


Cavity Plug NPT



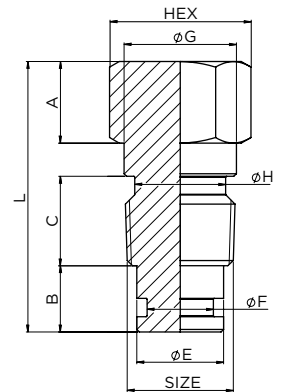
CODE	Size	L	A	B	D	Hex
IM P018	1/8" NPT	16	6	10	12.7	11
IM P014	1/4" NPT	17	6	11	18.5	16
IM P038	3/8" NPT	21	8	13	20.8	18
IM P012	1/2" NPT	22	8	14	25.3	22
IM P034	3/4" NPT	26	10	16	31	27
IM P100	1" NPT	29	10	19	41.5	36
IM P114	1 1/4" NPT	35	14	21	53	46
IM P112	1 1/2" NPT	37	16	21	57.6	50
IM P200	2" NPT	40	18	22	75	65

Cavity Plug Gas



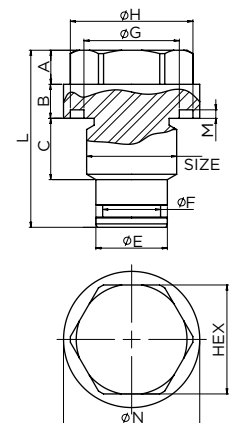
CODE	Size	L	A	B	D	Hex
IM PG018	1/8" GAS	16	6	10	12.7	11
IM PG014	1/4" GAS	17	6	11	18.5	16
IM PG038	3/8" GAS	21	8	13	20.8	18
IM PG012	1/2" GAS	22	8	14	25.3	22
IM PG034	3/4" GAS	26	10	16	31	27
IM PG100	1" GAS	29	10	19	41.5	36
IM PG114	1 1/4" GAS	35	14	21	53	46
IM PG112	1 1/2" GAS	37	16	21	57.6	50
IM PG200	2" GAS	40	18	22	75	65

Cavity Plug NPT with O-Ring



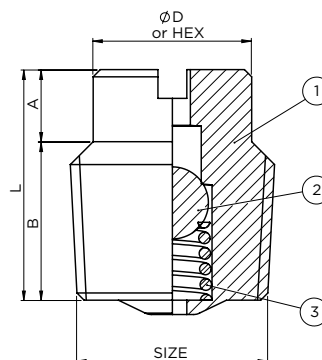
CODE	Size	L	A	B	C	E	F	G	H	Hex
IM P014OR	1/4" NPT	51	16	11.5	15.5	9	7.6	22	17.8	24
IM P038OR	3/8" NPT	52	16	11.5	16.5	13	11.4	22	17.8	24
IM P012OR	1/2" NPT	53	16	13	17.5	17	13	22	17.8	24
IM P034OR	3/4" NPT	58	15	15	19.5	21	17	27	22.8	30
IM P100OR	1" NPT	65	13	18	19	27	22.8	34	29.8	36

Cavity Plug Gas with O-Ring and Graphoil



CODE	Size	L	A	B	C	E	F	G	H	M	N	Hex
IM PG012OR	1/2" NPT	50	10	10	16	16.8	13	22	29	2.5	32	27
IM PG034OR	3/4" NPT	52	10	10	18	21	17	28	36	2.5	40	32
IM PG100OR	1" NPT	55	10	10	21	29	25.3	35	42	2.5	45	36

Single Check Valve

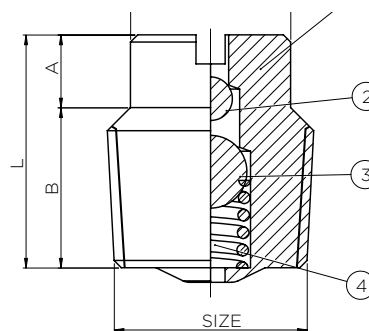


CODE	Size	L	A	B	D	Hex
IM CH018S	1/8" NPT	16	3,5	9,5	8,3	7
IM CH014S	1/4" NPT	16	5	11	11	8
IM CH038S	3/8" NPT	17	5	11,5	14	11
IM CH012S	1/2" NPT	20	5	15	16	13

Components List

Part.	CODE	Description	Q.ty
1	IM CH-//A	Body	1
2	IM B05	Ball D.5	1
3	IM-SP-12.3-5.2a4.8-0.8	Spring	1

Double Check Valve

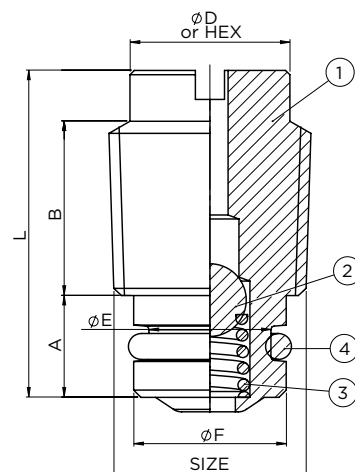


CODE	Size	L	A	B	D	Hex
IM CH018DB	1/8" NPT	16	3,5	9,5	8,3	7
IM CH014DB	1/4" NPT	16	5	11	11	8
IM CH038DB	3/8" NPT	17	5	11,5	14	11
IM CH012DB	1/2" NPT	20	5	15	16	13

Components List

Part.	CODE	Description	Q.ty
1	IM CH//A	Body	1
2	IM B03	Ball D.3	1
2	IM B05	Ball D.5	1
3	IM-SP-12.3-5.2a4.8-0.8	Spring	1

Single Check Valve with O-Ring

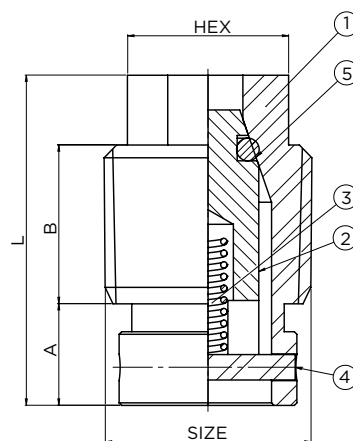


CODE	Size	L	A	B	D	E	F	Hex
IM CH014ORS	1/4" NPT	22,5	7	12	11	8,4	10,5	8
IM CH038ORS	3/8" NPT	22,5	7	12	14	12,4	14,5	11

Components List

Part.	CODE	Description	Q.ty
1	IM CH//SORA	Body	1
2	IM B05	Ball D.5	1
3	IM-SP-12.3-5.2a4.8-0.8	Spring	1
4	IM OR2031 (1/4) IM OR114(3/8)	O-RING	1

Check Valve Soft Seat with O-Ring

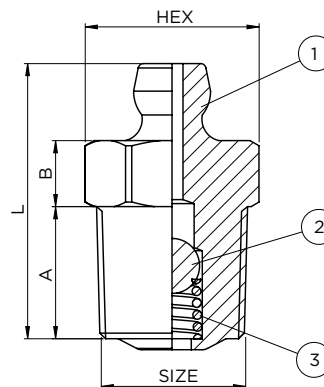


CODE	Size	L	A	B	Hex
IM CH038SS	3/8" NPT	26	8	12,5	11

Components List

Part.	CODE	Description	Q.ty
1	IM CH//SSA	Body	1
2	IM CH//SSB	Shutter	1
3	IM-SP-10x3x0.5	Spring	1
4	IM-SPINA2x13.5	Plug	1
5	IM OR4.5x2	O-RING	1

Grease Injector

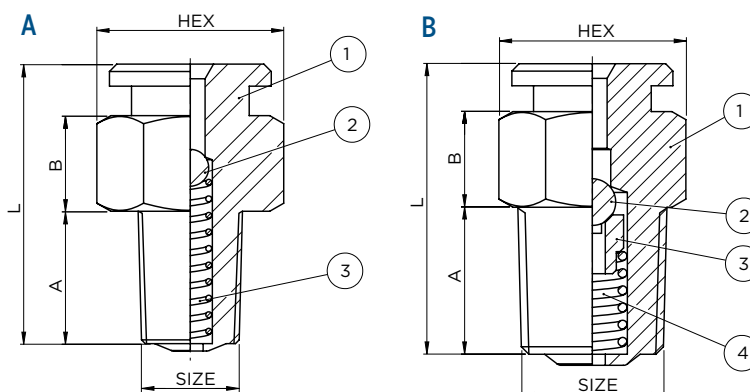


CODE	Size	L	A	B	Hex
IM IN014S	1/4" NPT	25	12	6	14
IM IN038S	3/8" NPT	25	12	6	14

Components List

Part.	CODE	Description	Q.ty
1	IM IN000SA	Body	1
2	IM B05	Ball D.5	1
3	IM-SP-12.3-5.2a4.8-0.8	Spring	1

Grease Fitting



Components List -Type A

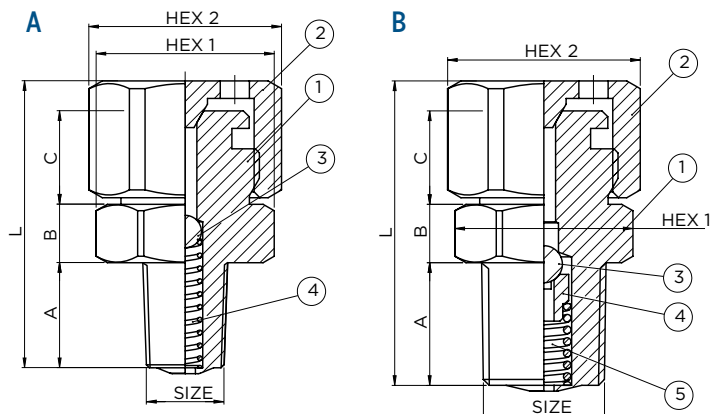
Part.	CODE	Description	Q.ty
1	IM GF000SA	Body	1
2	IM B0732	Ball D.7/32	1
3	IM-SP-28x5x0.8	Spring	1

Components List -Type B

Part.	CODE	Description	Q.ty
1	IM GF000SA	Body	1
2	IM B0140	Ball D. 1/4	1
3	IMBS8.5	Ball Support	1
4	IM-SP-22x9.3x1.3	Spring	1

CODE	Size	Type	L	A	B	Hex
IM GF014S	1/4" NPT	A	38	18	13	22
IM GF038S	3/8" NPT	B	37,5	18	13	22
IM GF012S	1/2" NPT	B	39,5	20	13	22
IM GF034S	3/4" NPT	B	41,5	22	13	30
IM GF100S	1" NPT	B	46,5	27	13	36

Grease Fitting Vent Cup



CODE	Size	Type	L	A	B	C	Hex1	Hex2
IM GF014SVC	1/4" NPT	A	49	18	10	16	27	30
IM GF038SVC	3/8" NPT	B	49	18	10	16	27	30
IM GF012SVC	1/2" NPT	B	52	21	10	16	27	30
IM GF034SVC	3/4" NPT	B	53	22	10	16	30	30
IM GF100SVC	1" NPT	B	58	27	13	16	36	30

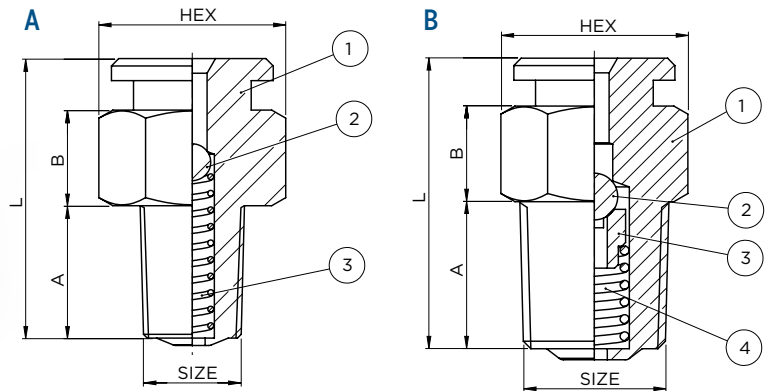
Components List -Type B

Part.	CODE	Description	Q.ty
1	IM GF//SVCA	Body	1
2	IM GFVC30	Vent Cup	1
2	IM B0140	Ball D. 1/4	1
3	IMBS8.5	Ball Support	1
4	IM-SP-22x9.3x1.3	Spring	1

Components List -Type A

Part.	CODE	Description	Q.ty
1	IM GF000SVCA	Body	1
2	IM GF-VC-30	Vent Cup	1
2	IM B0732	Ball D.7/32	1
3	IM-SP-28x5x0.8	Spring	1

Grease Fitting SR

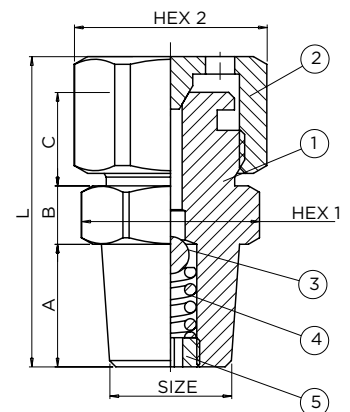


CODE	Size	Type	L	A	B	Hex
IM GF014SSR	1/4" NPT	B	34,5	15	13	22
IM GF038SSR	3/8" NPT	B	37,5	18	13	22
IM GF012SSR	1/2" NPT	B	39,5	20	13	22
IM GF034SSR	3/4" NPT	B	41,5	22	13	30
IM GF100SSR	1" NPT	B	46,5	27	13	36

Components List

Part.	CODE	Description	Q.ty
1	IM GF000SSRA	Body	1
2	IM B0140	Ball D.1/4	1
3	IM-SP-14x8.8x1.7	Spring	1
4	IM-SP-28x5x0.8	Spring Retainer	1

Grease Fitting Vent Cup SR

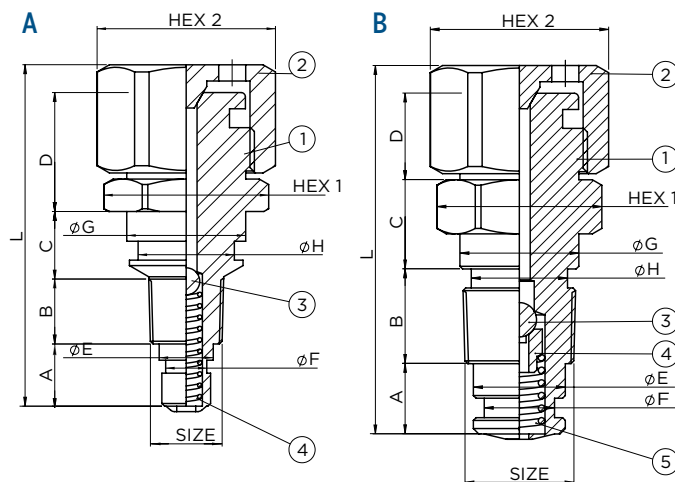


CODE	Size	Type	L	A	B	C	CH1	Hex
IM GF014SVCSR	1/4" NPT	B	46	15	10	16	27	30
IM GF038SVCSR	3/8" NPT	B	49	18	10	16	27	30
IM GF012SVCSR	1/2" NPT	B	52	21	10	16	27	30
IM GF034SVCSR	3/4" NPT	B	53	22	10	16	30	30
IM GF100SVCSR	1" NPT	B	58	27	13	16	36	30

Components List

Part.	CODE	Description	Q.ty
1	IM GF000SVCSRA	Body	1
2	IM GFVC30	Vent Cup	1
2	IM B0140	Ball D. 1/4	1
3	IMBS8.5	Ball Support	1
4	IM-SP-22x9.3x1.3	Spring	1

Grease Fitting Vent Cup with O-Ring



CODE	Size	Type	L	A	B	C	D	E	F	G	H	Hex1	Hex2
IM GF014SVCOR	1/4" NPT	A	63	11.5	12	12.5	22	10	7.6	22	17.8	27	30
IM GF038SVCOR	3/8" NPT	B	64	12	14.5	16.5	26	16	13	22	17.8	27	30
IM GF012SVCOR	1/2" NPT	B	68	13	17.5	16.5	16	17	13	22	17.8	27	30
IM GF034SVCOR	3/4" NPT	B	72	13	19.5	18.5	16	21	17	27	22.8	30	30
IM GF100SVCOR	1" NPT	B	80	14	23	22	16	30	25.3	34.8	30.2	36	30

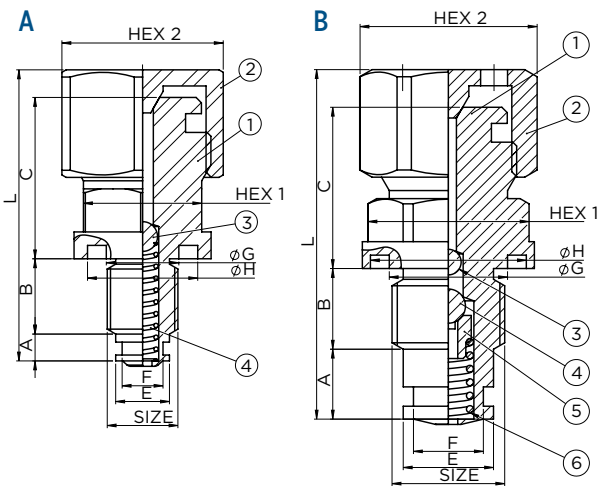
Components List -Type A

	CODE	Description	Q.ty
1	IM GF000SVCORA	Body	1
2	IM GFVC30	Vent Cup	1
3	IM B0732	Ball D.7/32	1
4	IM-SP-28x5x0.9	Spring	1

Components List -Type B

Part.	CODE	Description	Q.ty
1	IM GF000SVCORA	Body	1
2	IM GFVC30	Vent Cup	1
3	IM B0140	Ball D. 1/4	1
4	IMBS8.5	Ball Support	1
5	IM-SP-22x9.3x1.3	Spring	1

Grease Fitting Vent Cup with O-Ring and Graphoil



CODE	Size	Type	L	A	B	C	E	F	G	H	Hex1	Hex2
IM GF014SSHOR	1/4" GAS	A	54	5	14	30	10	7.6	13	20.5	22	30
IM GF038SSHOR	3/8" GAS	B	58	9	14	30	16	13	17	24	27	30
IM GF012SSHOR	1/2" GAS	B	67	13	15	30	16.8	13	22	29	27	30

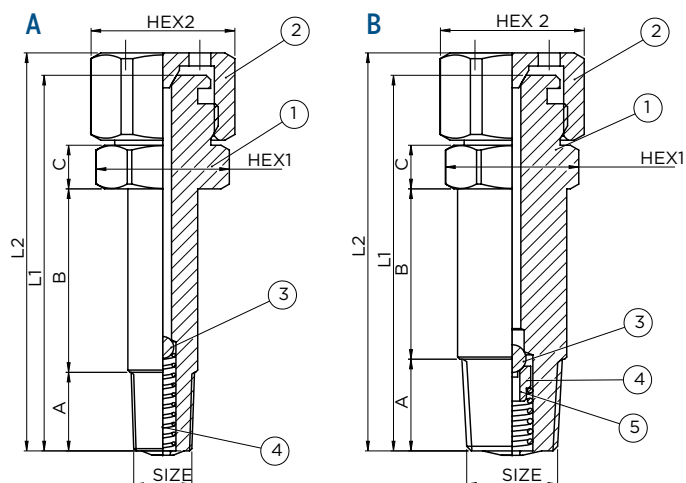
Components List -Type A

Part.	CODE	Description	Q.ty
1	IM GF000SSHORA	Body	1
2	IM GF-VC-30	Vent Cup	1
3	IM B0732	Ball D.7/32	1
4	IM-SP-28x5x0.9	Spring	1

Components List -Type B

Part.	CODE	Description	Q.ty
1	IM GF000SSHORA	Body	1
2	IM GFVC30	Vent Cup	1
3	IM B0316	Ball D. 3/16	1
4	IM B0140	Ball D. 1/4	1
5	IMBS8.5	Ball Support	1
6	IM-SP-22x9.3x1.3	Spring	1

Grease Fitting Vent Cup Long Pattern



CODE	Size	Type	L1	L2	A	B	C	Hex1	Hex2
IM GF018SLPVC	1/8" NPT	A	84	89	11	49	8	24	24
IM GF014SLPVC	1/4" NPT	A	86	91	18	42	10	27	30
IM GF038SLPVC	3/8" NPT	B	86	91	18	42	10	27	30
IM GF012SLPVC	1/2" NPT	B	86	91	21	39	10	27	30
IM GF034SLPVC	3/4" NPT	B	86	91	22	38	10	30	30
IM GF100SLPVC	1" NPT	B	86	91	27	33	10	36	30

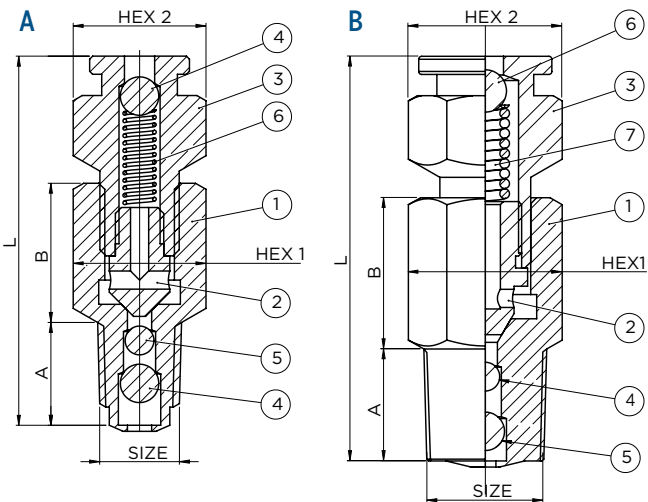
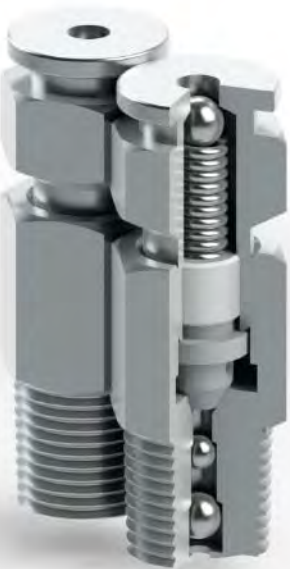
Components List -Type A

Part.	CODE	Description	Q.ty
1	IM GF000SLPVCA	Body	1
2	IM GF-VC-24	Vent Cup	1
3	IM B0732	Ball D.7/32	1
4	IM-SP-28x5x0.8	Spring	1

Components List -Type B

Part.	CODE	Description	Q.ty
1	IM GF//SLPVCA	Body	1
2	IM GFVC30	Vent Cup	1
3	IM B0140	Ball D. 1/4	1
4	IMBS8.5	Ball Support	1
5	IM-SP-22x9.3x1.3	Spring	1

Lock Seal Fitting



CODE	Size	Type	L	A	B	Hex1	Hex2
IM GF014DBLS	1/4" NPT	A	61	17	23	19	19
IM GF038DBLS	3/8" NPT	B	67	18.5	25	22	22
IM GF012DBLS	1/2" NPT	B	67	18.5	25	22	22

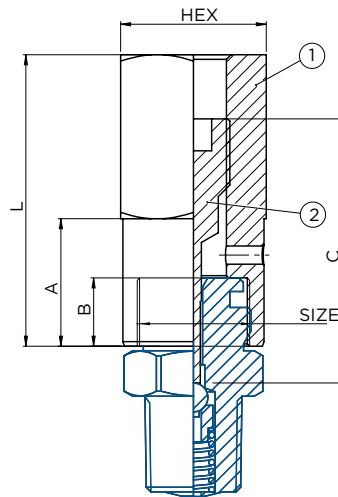
Components List -Type A

Part.	CODE	Description	Q.ty
1	IM GF000DBLSA	Body	1
2	IM GF000DBLSB	Cone	1
3	IM GF000DBLSC	Upper Body	1
4	IM B0316	Ball D.03/16	1
5	IM B0140	Ball D.1/4	2
6	IM-SP-30x5.5x0.6	Spring	1

Components List -Type B

Part.	CODE	Description	Q.ty
1	IM GF000DBLSA	Body	1
2	IM GF000DBLSB	Cone	1
3	IM GF000DBLSC	Upper Body	2
4	IM B0316	Ball D.3/16	1
5	IM B0140	Ball D.1/4	1
6	IM B07	Ball D.7	1
4	IIM-SP-23.5x8x1.6	Spring	1

Grease Fitting



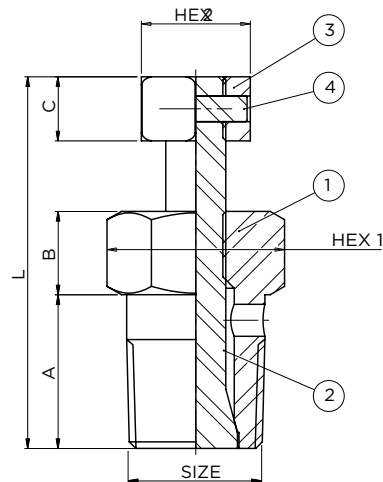
CODE	Size	L	A	B	C	Hex
IM GF114RT	1"-14 UNF	64	28	15	58	32

Components List

Part.	CODE	Description	Q.ty
1	IM GF114RTA	Body	1
2	IM GF114RTP	Piston	1

04 · Pressure Relief Tool

Anti-Blowout Plug



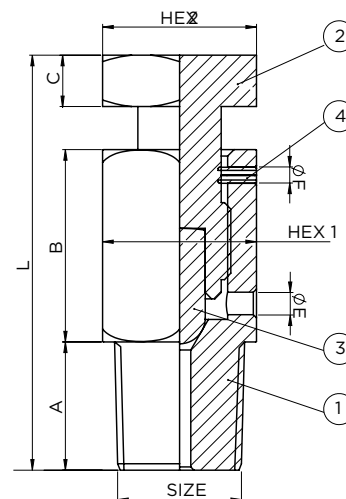
CODE	Size	L	A	B	C	Hex1	Hex2
IM ABWP014	1/4" NPT	50	21	13	10	22	17
IM ABWP038	3/8" NPT	54	19	13	10	22	17
IM ABWP012	1/2" NPT	58	24	13	10	24	17
IM ABWP034	3/4" NPT	63	27	15	11.2	27	19
IM ABWP100	1" NPT	67	29	15	11.2	36	24

Components List

Part.	CODE	Description	Q.ty
1	IM ABWP000A	Body	1
2	IM ABWP000B	Shutter	1
3	IM ABWP000C	Nut	1
4	IM ABWP.PIN	Pin	1

05 · Bleeder Fittings

Bleeder

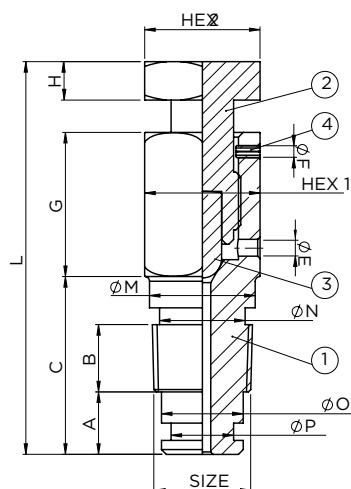


CODE	Size	L	A	B	C	E	F	Hex1	Hex2
IM BL014	1/4" NPT	63	18	30	8	3.5	2.5	24	24
IM BL038	3/8" NPT	63	18	30	8	3.5	2.5	24	24
IM BL012	1/2" NPT	65	20	30	8	3.5	2.5	24	24
IM BL034	3/4" NPT	65	20	30	8	3.5	2.5	30	24
IM BL100	1" NPT	67	22	308	13	3.5	2.5	36	24

Components List

Art.	CODE	Description	Q.ty
1	IM BL000A	Body	1
2	IM BLST	Stringer	1
3	M BL-DISC0818	Stringer	1
4	IM SPINAEL	Elastic Pin	1

Bleeder with O-Ring

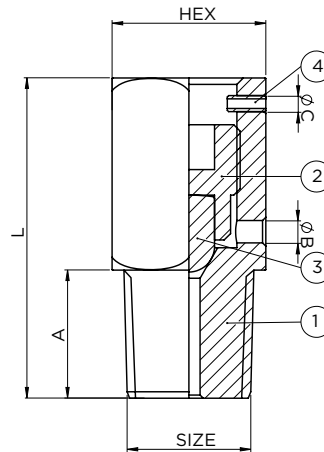


Components List

Part.	CODE	Description	Q.ty
1	IM BL0000RA	Body	1
2	IM BLST	Stringer	1
3	M BL-DISC0818	Stringer	1
4	IM SPINAEL	Elastic Pin	1

CODE	Size	L	A	B	C	E	F	G	H	M	N	O	P	Hex1	Hex2
IM BL014OR	1/4" NPT	81	11.5	12	36	3.5	2.5	30	8	22	17.8	10	7.6	24	24
IM BL038OR	3/8" NPT	81	12	12	36	3.5	2.5	30	8	22	17.8	13	11.4	24	24
IM BL012OR	1/2" NPT	82	13	14	37	3.5	2.5	30	8	22	17.8	17	13	24	24
IM BL034OR	3/4" NPT	86	13	16	41	3.5	2.5	30	8	27	22.8	21	17	30	24
IM BL100OR	1" NPT	92	14	19	47	3.5	2.5	30	8	29	25.3	33.22	27.8	36	24

Bleeder Hex Socket

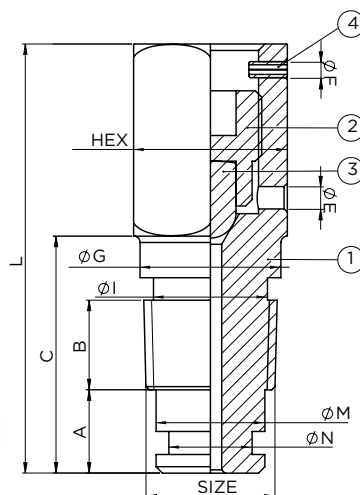


CODE	Size	L	A	B	C	Hex
IM BL014HS	1/4" NPT	48	18	3.5	2.5	24
IM BL038HS	3/8" NPT	48	18	3.5	2.5	24
IM BL012HS	1/2" NPT	50	20	3.5	2.5	24
IM BL034HS	3/4" NPT	50	20	3.5	2.5	30
IM BL100HS	1" NPT	52	22	3.5	2.5	36

Components List

Part.	CODE	Description	Q.ty
1	IM BL000HSA	Body	1
2	IM BLSTHS	Stringer	1
3	M BL-DISC0812	Stringer	1
4	IM SPINAEL	Elastic Pin	1

Bleeder with Hex Socket and O-Ring



Components List

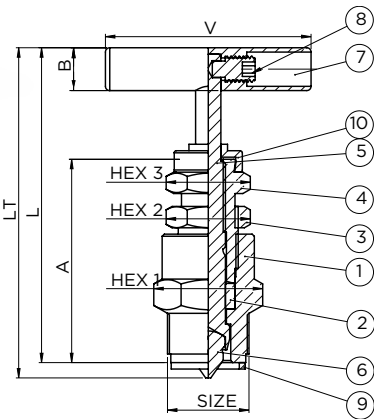
Part.	CODE	Description	Q.ty
1	IM BL000HSORA	Body	1
2	IM BLSTHS	Stringer	1
3	M BL-DISC0812	Stringer	1
4	IM SPINAEL	Elastic Pin	1

CODE	Size	L	A	B	C	E	F	G	I	M	N	Hex
IM BL014HSOR	1/4" NPT	66	11.5	12	36	3.5	2.5	22	17.8	10	7.6	24
IM BL038HSOR	3/8" NPT	66	12	12	36	3.5	2.5	22	17.8	13	11.4	24
IM BL012HSOR	1/2" NPT	67	13	14	37	3.5	2.5	22	17.8	17	13	24
IM BL034HSOR	3/4" NPT	71	13	16	41	3.5	2.5	27	22.8	21	17	24
IM BL100HSOR	1" NPT	77	14	19	47	3.5	2.5	29	25.3	29	25.3	24

Bleeder Needle Bonnet



CODE	Size	LT	L	A	B	V	Hex1	Hex2	Hex3
IM K064BB075F	3/4" 16-UNF	77	73.5	47.5	10	48	22	17	17



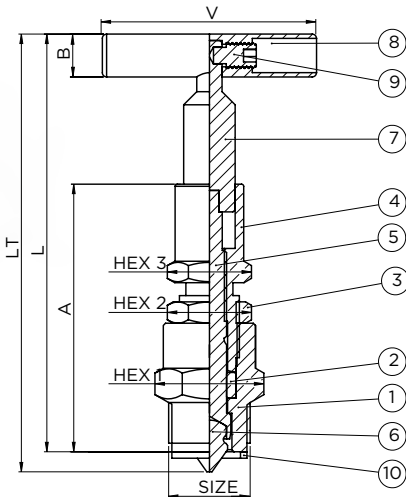
Components List

Art.	CODE	Description	Q.ty
1	IM K064BB075F001	Body	1
2	IM KPR01250080030	Packing	1
3	IM K064BB075F003	Nut	1
4	IM K064BB075F002	Gland Pusher	1
5	IM K064S0064M8	Stem	1
6	IM K064SP010	Rotating tip	1
7	IM KH00480010M6	Handle	1
8	GRANOM6x10UNI592	Locking Screw	1
9	IM KGK01750145ML	Gasket	1
10	IM KBBVDC001	Dust cup	1

Bleeder Antitamper



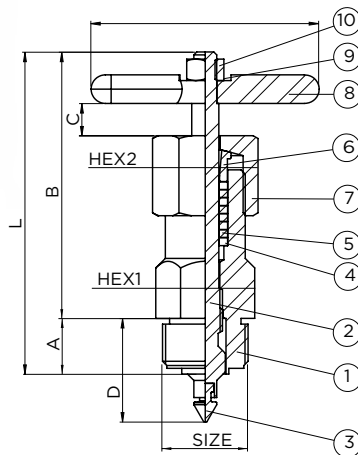
CODE	Size	LT	L	A	B	V	Hex1	Hex2	Hex3
IM K064BT075F	3/4" 16-UNF	102	97.5	62.5	10	48	22	17	17



Components List

Part.	CODE	Description	Q.ty
1	IM K064BB075F001	Body	1
2	IM KPR01250080030	Packing	1
3	IM K064BB075F003	Nut	1
4	IM K064BT075F002	Gland Pusher	1
5	IM K064S0064M8T	Stem	1
6	IM K064SP010	Rotating tip	1
7	IM K064BT075F004	Connector	1
8	IM KH00480010M6	Handle	1
9	GRANOM6x10UNI592	Locking Screw	1
10	IM KGK01750145ML	Gasket	1

Bleeder Bonnet

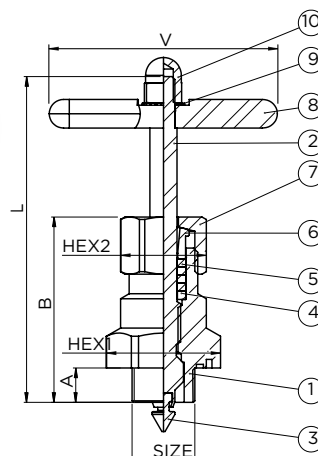


CODE	Size	LT	A	B	C	D	V	Hex1	Hex2
IM BB-M22	M22	109	14	95	11.3	20	80	27	27
IM BB-M28	M28	109	14	95	11.3	20	80	32	32
IM BB-M30	M30	113	19.5	93.5	11.3	36	80	32	32
IM BB-M32	M32	115	20.5	94.5	11.3	36	80	36	32

Components List

Part.	CODE	Description	Q.ty
1	IM BB000A	Body	1
2	IM BB-MST001	Stem	1
3	IM BB-MRT008	Rotating tip	1
4	IM BB-MRI01	Ring	1
5	IM BB-MGPHT5	Graphoil packing	1
6	IM BB-MGLP19	Gland Pusher	1
7	IM BB-MCO002	Cover	1
8	IM VOL	Handle	1
9	IM RNDM8Z	Washer	1
10	IM NUTM8	Nut	1

Bleeder Bonnet With Graphoil Seat Valve Disc Inside Screw



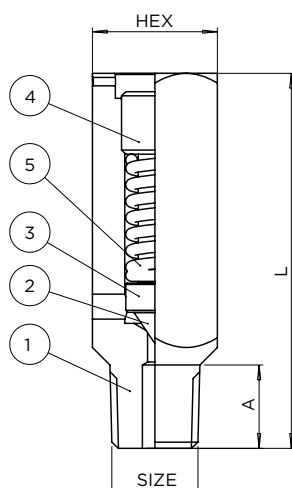
CODE	Size	LT	A	B	V	Hex1	Hex2
IM BBM22GPH	M22	109	12	65	100	36	27

Components List

Part.	CODE	Description	Q.ty
1	IM BB000GPHA	Body	1
2	IM BBMST001L	Stem	1
3	IM BBMRT008	Rotating tip	1
4	IM BBMAN9.815.6ME	Ring	1
5	IM BBMAN9.815.6GPH	Graphoil ring	4
6	IM BBMGLP19	Gland Pusher	1
7	IM BBMCO027	Cover	1
8	IM VOL100	Handle	1
9	IM RNDM8Z	Washer	1
10	IM BNUTM8	Nut	1

*can be supplied with stem extended on request

Relief Valve

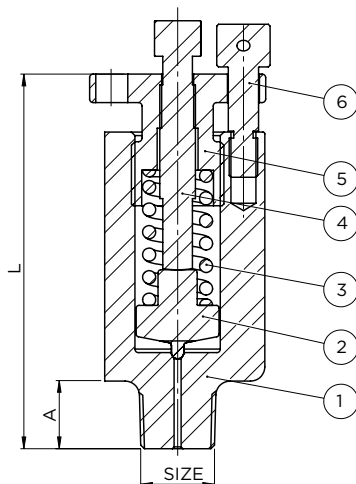


CODE	Size	L	A	Hex
IM RL014	1/4" NPT	85	15	24
IM RL038	3/8" NPT	85	15	24
IM RL012	1/2" NPT	85	19	24
IM RL034	3/4" NPT	90	20	30
IM RL100	1" NPT	90	22	36

Components List

Part.	CODE	Description	Q.ty
1	IM RLM000A	Body	1
2	IM RLM000B	cone	1
3	IM RLM000C	Piston	1
4	IM RLM000D	Stringer	1
5	IM SP30.5x13x2.5	Spring	1

Relief Valve - High Pressure

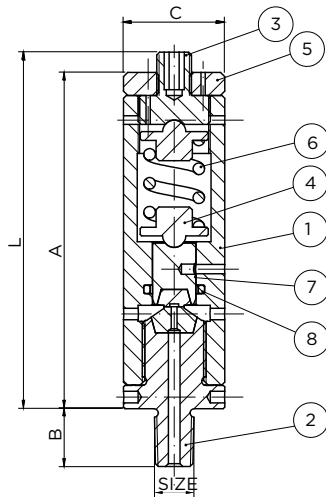


CODE	Size	L	A
IM RL014HP	1/4" NPT	100	14
IM RL038HP	3/8" NPT	100	14
IM RL012HP	1/2" NPT	104	19
IM RL034HP	3/4" NPT	108	22
IM RL100HP	1" NPT	113	27

Components List

Part.	CODE	Description	Q.ty
1	IM RL000HPA	Body	1
2	IM RLHP.DI01	Disc	1
3	IM SP40x19.7x3.7	Spring	1
4	IM RLHP.PTM8	Piston	1
5	IM RLHP.GLM26	Gland	1
6	IM RLHP.SWM8	Screw	1

Safety Relief Valve High Pressure - Metal Seat

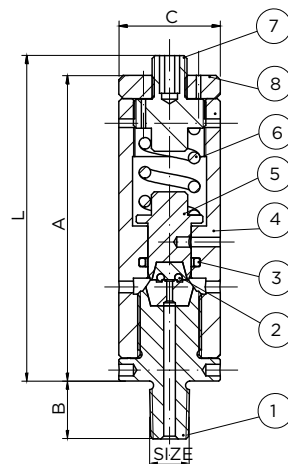


CODE	Size	L	A	B	C
IM 00-10-001-00-C1-50-014	1/4" NPT	123	116	20	32
IM 00-10-001-00-C1-50-038	3/8" NPT	123	116	20	32
IM 00-10-001-00-C1-50-012	1/2" NPT	123	116	24	32
IM 00-10-001-00-C1-50-034	3/4" NPT	123	116	27	35
IM 00-10-001-00-C1-50-100	1" NPT	123	116	27	40

Components List

Part.	CODE	Description	Q.ty
1	IM 10-005-0001-001-A	Body	1
2	IM 10-006-0001-001-A	Metal Seal	1
3	IM 10-003-0001-001-A	Metal Damper	1
4	IM 10-002-0001-001-A	Metal spring guide	2
5	IM 10-001-0001-001-A	Safety nut	1
6	IM 000-172-00-50-001	Spring	1
7	IM 10-004-0002-001-A	Metal Shutter	1
8	IM OR - LRC 121	O-Ring Irc	1

Safety Relief Valve High Pressure - Soft Seat



CODE	Size	L	A	B	C
IM 00-10-002-01-C2-50-014	1/4" NPT	112	105	20	32
IM 00-10-002-01-C2-50-038	3/8" NPT	112	105	20	32
IM 00-10-002-01-C2-50-012	1/2" NPT	112	105	24	32
IM 00-10-002-01-C2-50-034	3/4" NPT	112	105	27	35
IM 00-10-002-01-C2-50-100	1" NPT	112	105	27	40

Components List

Part.	CODE	Description	Q.ty
1	IM 10-00-50-002-002-A	Soft Seal	1
2	IM OR115	O-Ring	1
3	IM OR - LRC 121	O-Ring Irc	1
4	IM 10-006-0002-002-A	Body	1
5	IM 10-004-0001-002-A	Soft Shutter	1
6	IM 000-172-00-50-001	Spring	1
7	IM 10-003-0002-002-A	Soft Damper	1
8	IM 10-001-0001-001-A	Safety nut	1

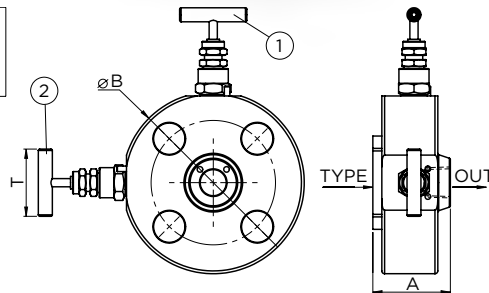
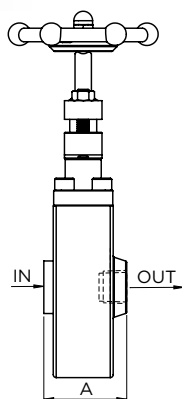
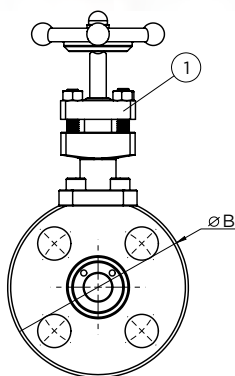
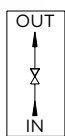
Monoflange Valve



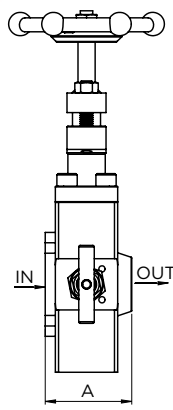
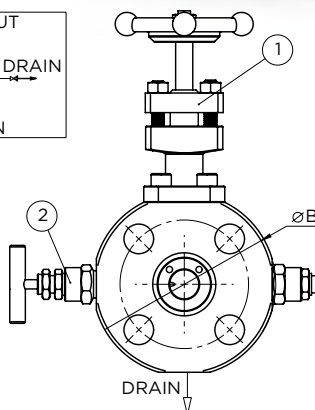
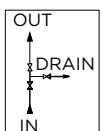
SB
Single
Block



SBB
Single
Block Bleed



DBB
Double
Block Bleed

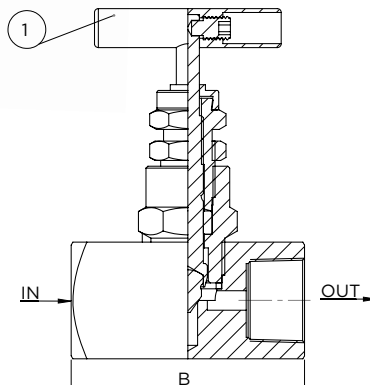
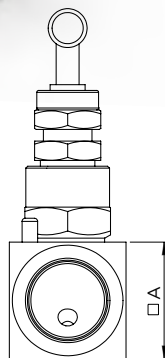


IN		OUT	TYPE		
DN	Raiting		A		B
		NPT	RF	RJ	
1/2"	150*	1/2" std	51	-	88.9
1/2"	300	1/2" std	51	55	95.3
1/2"	600	1/2" std	51	55	95.3
1/2"	900-1500	1/2" std	51	55	120.7
1/2"	2500	1/2" std	51	55	133.4
3/4"	150*	1/2" std	51	-	98.6
3/4"	300	1/2" std	51	55	117.4
3/4"	600	1/2" std	51	55	117.4
3/4"	900-1500	1/2" std	51	55	130.1
3/4"	2500	1/2" std	51	55	139.7
1"	150	1/2" std	51	55	108
1"	300	1/2" std	51	55	124
1"	600	1/2" std	51	55	124
1"	900-1500	1/2" std	51	55	149.4
1"	2500	1/2" std	51	55	158.8

* only RF version

Accessories		
	or	
1	O.S.Y. Bonnet	Bleeder Needle Bonnet 3/4"-16 UNF
2	Bleeder Needle Bonnet 3/4"-16 UNF	-
3	Bleeder Needle Valve 3/4"-16 UNF	Bleeder Antitamper 3/4"-16 UNF

Needle Valve Female-Female - rating 6000 psi

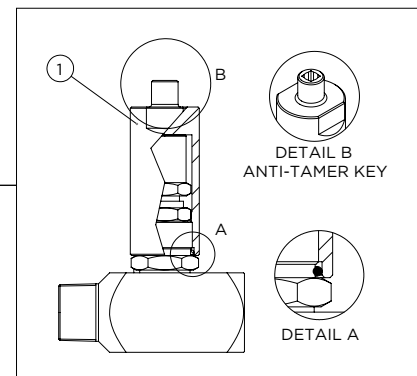


CODE	Size		A	B
	IN	OUT*		
IM S10NF014014	1/4" npt std	1/4" npt std	30	70
IM S10NF038038	3/8" npt std	3/8" npt std	30	70
IM S10NF012012	1/2" npt std	1/2" npt std	30	70
IM S10NF034034	3/4" npt std	3/4" npt std	40	70
IM S10NF100100	1" npt std	1" npt std	40	70

* different threaded outlet available (ex. 3/4" npt -1/2" npt)

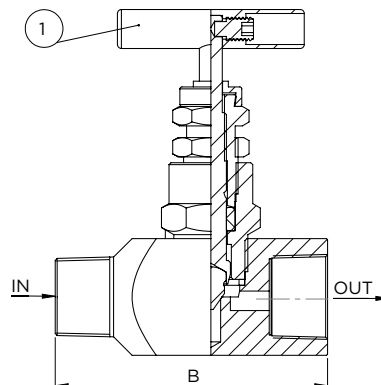
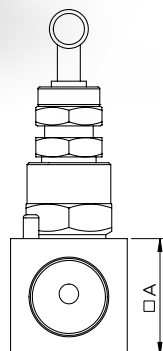
Accessories	
	or

- 1 Bleeder Needle Bonnet 3/4"-16 UNF Antitamper Bonnet 3/4"-16 UNF complete with pressure cap



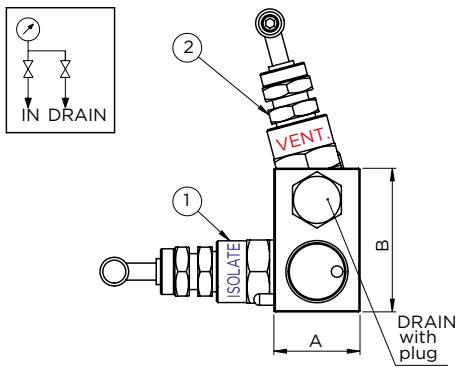
Anti Tamper Bonnet complete with Pressure Cap

Needle Valve Male-Female - rating 6000 psi



CODE	Size		A	B
	IN	OUT		
IM S10NM014014	1/4" npt std	1/4" npt std	30	70
IM S10NM038038	3/8" npt std	3/8" npt std	30	70
IM S10NM012012	1/2" npt std	1/2" npt std	30	70
IM S10NM034034	3/4" npt std	3/4" npt std	40	70
IM S10NM100100	1" npt std	1" npt std	40	70

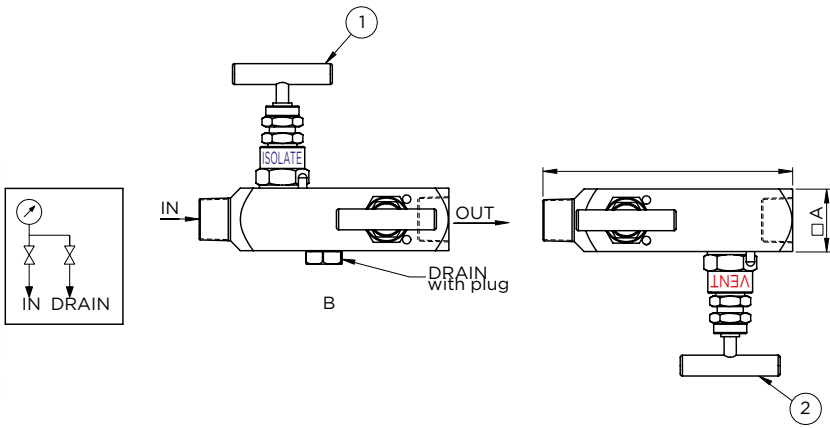
Two Valve Bar Stock Manifold - rating 6000 psi



CODE	Size		A	B	C	DRAIN
	IN	OUT				
IM S102NRAF014014	1/4" npt std	1/4" npt std	30	50	65	1/4" npt
IM S102NRAF038038	3/8" npt std	3/8" npt std	30	50	65	1/4" npt
IM S102NRAF012012	1/2" npt std	1/2" npt std	30	50	65	1/4" npt

Accessories	
1	Bleeder Needle Bonnet 3/4"-16 UNF
1	Bleeder Needle Bonnet Vent 3/4"-16 UNF

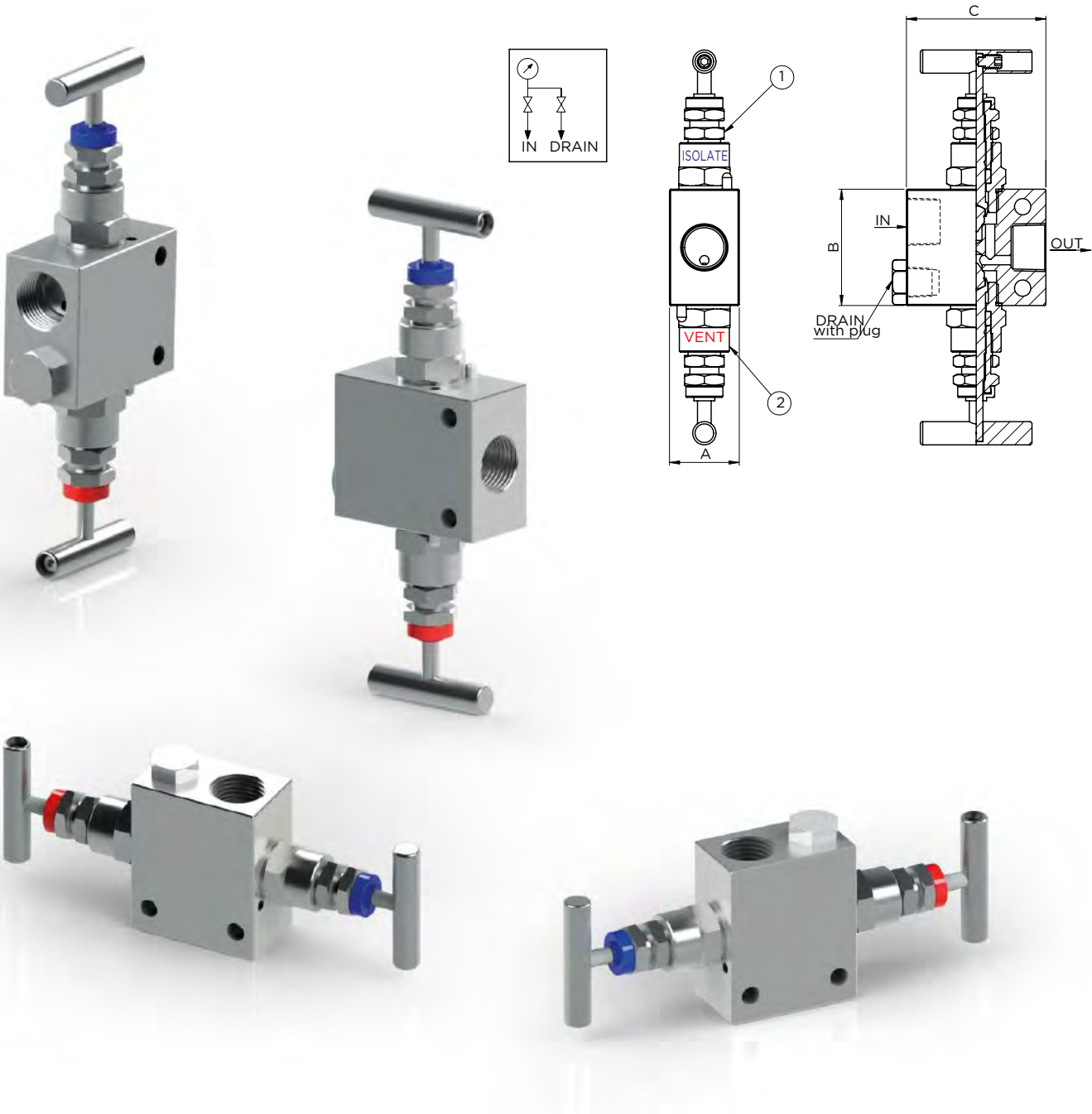
Two Valve Bar Stock Manifold Right Type - rating 6000 psi



CODE	Size		A	B	DRAIN
	IN	OUT			
IM S62NRM014014	1/4" npt std	1/4" npt std	30	120	1/4" npt
IM S62NRM038038	3/8" npt std	3/8" npt std	30	120	1/4" npt
IM S62NRM012012	1/2" npt std	1/2" npt std	30	120	1/4" npt

Accessories	
1	Bleeder Needle Bonnet 3/4"-16 UNF
1	Bleeder Needle Bonnet Vent 3/4"-16 UNF

Two Valve Bar Stock Manifold 180° - rating 6000 psi



CODE	Size		A	B	C	DRAIN
	IN	OUT				
IM S62NRF014014	1/4" npt std	1/4" npt std	30	50	60	1/4" npt
IM S62NRF038038	3/8" npt std	3/8" npt std	30	50	60	1/4" npt
IM S62NRF012012	1/2" npt std	1/2" npt std	30	50	60	1/4" npt

Accessories	
1	Bleeder Needle Bonnet 3/4"-16 UNF
1	Bleeder Needle Bonnet Vent 3/4"-16 UNF



COMPANY	4
QUALITY	6
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PRODUCTS	10
01 · Plugs	12
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03 · Injection Grease Fitting	16
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05 · Bleeder Fittings	23
06 · Bleeder Bonnet	26
07 · Automatical Relief Valves	28
08 · Safety Relief Valves	29
09 · Monoflange Valves	30
10 · Needle Valves	31
11 · Manifold Valves	32



Italy Headquarters

Via Cortenuova s.n.c.
24050 Civate al Piano - Bergamo - Italy
GPS: 45°33'09.0" N - 9°48'57.0" E

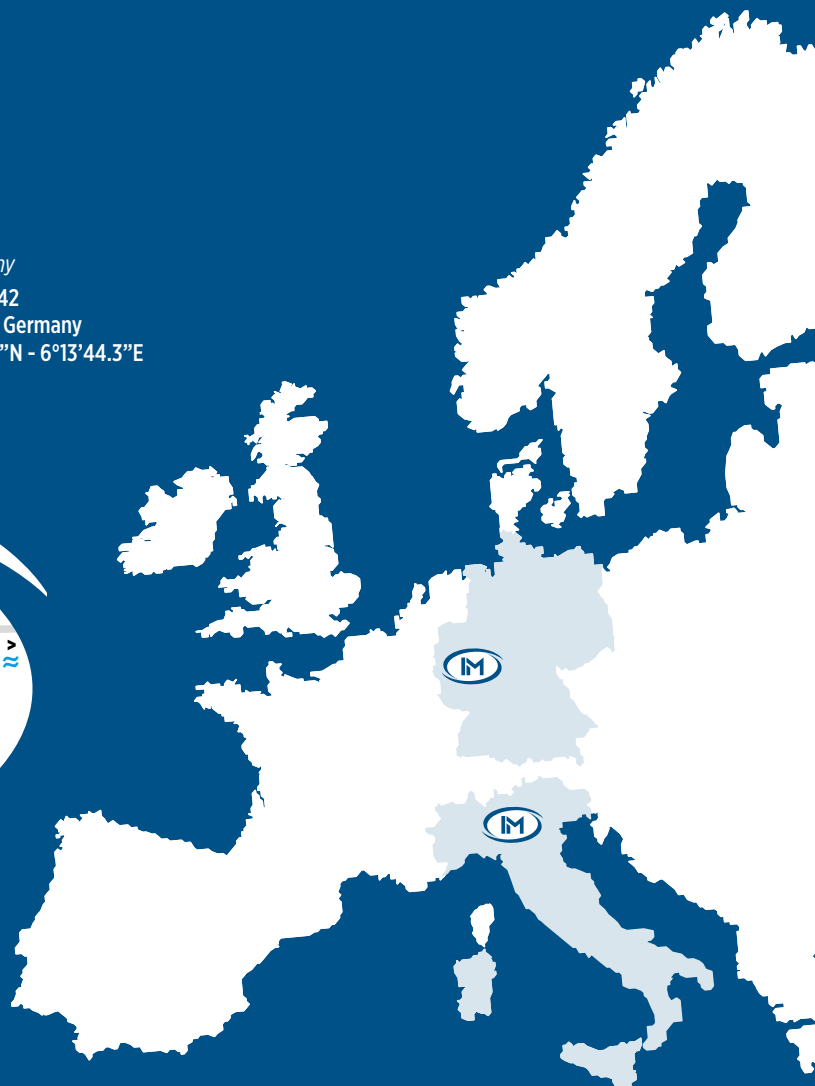
Agent for Germany

Ritzefeldstraße 142
52222 Stolberg - Germany
GPS: 50°46'45.0"N - 6°13'44.3"E

Italy Headquarters location:



-  9 km > A35 highway Calcio exit
12 km > A4 highway Seriate exit
-  25 km > Bergamo, Orio al Serio airport
59 km > Milano, Linate airport
112 km > Milano, Malpensa airport





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