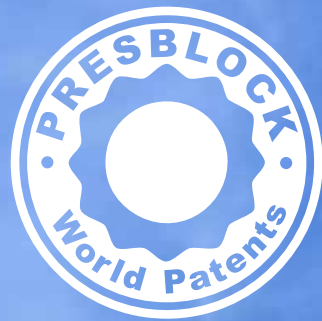


MEDICAL

MEDICAL GAS OUTLETS

DIN 13260-2 | BS 5682:2015 | SS 875 24 30
AFNOR NF S 90-116 / FD S 90-119 | AS 2896
JIS T 7101 | SANS 1409:2014 | UNI 9507 | ENV 737-6
ISO 1808L | SDEGA EN ISO 9170-2 | AIR MOTOR





Our ideas our strength.



A fast information,
order management and
flexibility of production,
are the basis of our
service.

SUMMARY

Gas outlets OR range	5
Base block	6
Plastic box	9
Socket	11
Gas outlets UNI 9507 and AFNOR NFS 90-116	37
Base block	38
Socket	42
Plastic box	45
NIST connectors	47
Anaesthetic Gas Scavenging System (AGSS) and Air Motor	52
Adapters for ambulances	59
Adapters for aircrafts and helicopters	65
Mini Socket for flow-meter	70
Flexible hoses for medical gas	75



GAS OUTLETS OR RANGE

The terminal units of a medical gas pipeline system are devices used to make connections and disconnections in order to provide specific medical gases to medical devices, pulmonary ventilators or other appliances. An incorrect connection puts to hazard the life of patients, therefore the terminal units have been designed following different technical standards so to grant a non-interchangeability among different gases and prevent from any possible mistake. The OR range socket can be fixed to the base block in only one position. The profile of the installed socket is always in the correct position.

ZAMAR VERSION

Materials:

Brass EN 12164 - CuZn39Pb3

ZAMAC

AISI



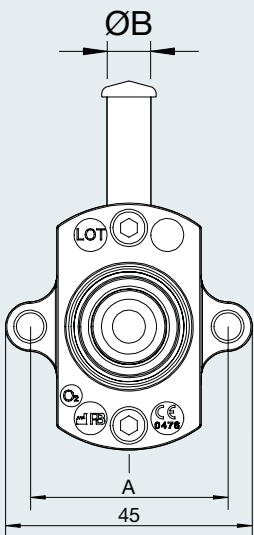
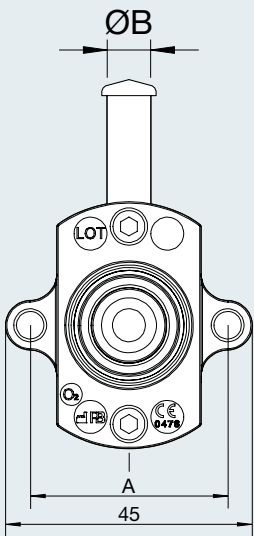
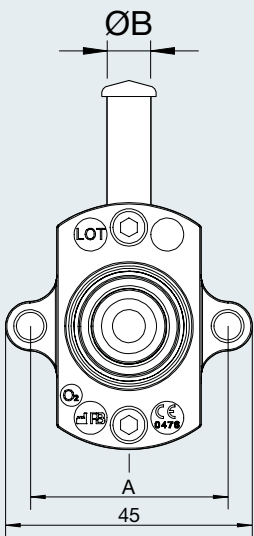
BASE BLOCK OR RANGE

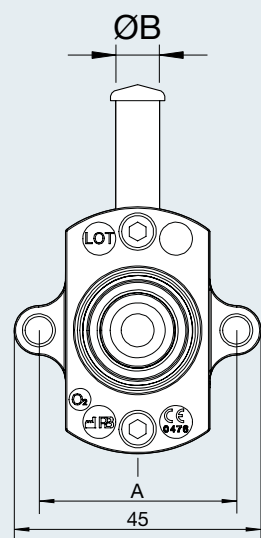
This component is the part of the terminal unit connected to the medical gas pipeline distribution system (suction in case of vacuum). The base blocks are designed complying with the standard EN ISO 9170-1 for design and manufacture requirements. All base blocks, except those for vacuum, are supplied with a maintenance valve to be fitted after the plumbing is completed.

Brass/zamac base block 90° swivel			
P/N	A	Ø B	GAS
ZARMORO-O8T-O	36	8	OXYGEN
ZARMORO-O8T-V	36	8	VACUUM
ZARMORO-O8T-A4	36	8	AIR
ZARMORO-O8T-P	36	8	NITROUS OXIDE
ZARMORO-O8T-A8	36	8	AIR-800
ZARMORO-O8T-C	36	8	CARBON DIOXIDE
C/w plug for test.			

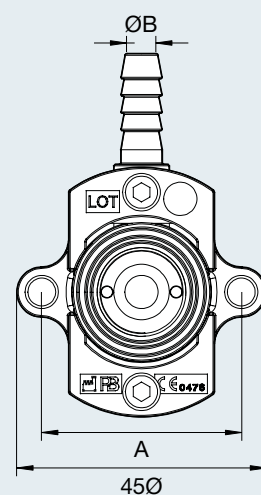
Brass/zamac base block 90° swivel			
P/N	A	Ø B	GAS
ZARMORO-10T-O	36	10	OXYGEN
ZARMORO-10T-V	36	10	VACUUM
ZARMORO-10T-A4	36	10	AIR
ZARMORO-10T-P	36	10	NITROUS OXIDE
ZARMORO-10T-A8	36	10	AIR-800
ZARMORO-10T-C	36	10	CARBON DIOXIDE
C/w plug for test.			

Brass/zamac base block 90° swivel			
P/N	A	Ø B	GAS
ZARMORO-12T-O	36	12	OXYGEN
ZARMORO-12T-V	36	12	VACUUM
ZARMORO-12T-A4	36	12	AIR
ZARMORO-12T-P	36	12	NITROUS OXIDE
ZARMORO-12T-A8	36	12	AIR-800
ZARMORO-12T-C	36	12	CARBON DIOXIDE
C/w plug for test.			



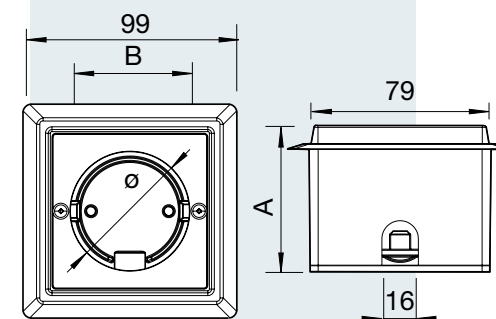


Brass/zamac base block 90° swivel			
P/N	A	Ø B	GAS
ZARMORO-15T-O	36	15	OXYGEN
ZARMORO-15T-V	36	15	VACUUM
ZARMORO-15T-A4	36	15	AIR
ZARMORO-15T-P	36	15	NITROUS OXIDE
ZARMORO-15T-A8	36	15	AIR-800
ZARMORO-15T-C	36	15	CARBON DIOXIDE
C/w plug for test.			

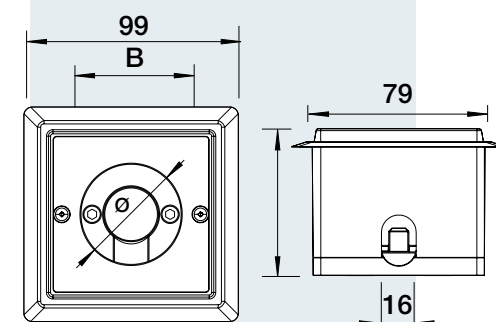


Brass/zamac base block c/w barb end inlet			
CODICE	A	Ø B	GAS
ZARMORO-PG6-O	36	6	OXYGEN
ZARMORO-PG8-V	36	8	VACUUM
ZARMORO-PG6-A4	36	6	AIR
ZARMORO-PG6-P	36	6	NITROUS OXIDE
ZARMORO-PG6-C	36	6	CARBON DIOXIDE
ZARMORO-PG6-A8	36	6	AIR-800

Box without lid for brass/zamac base block suitable for 8mm/10mm copper pipe		
P/N	Ø	SUITABLE FOR
ZBOX-GT-OR / 0A / 1	46	BS, DIN, SS, JIS, ENV



Box without lid for brass/zamac base block suitable for 12mm/15mm copper pipe		
P/N	Ø	SUITABLE FOR
ZBOX-GT-OR / B	46	BS, DIN, SS, JIS, ENV





SOCKETS OR RANGE

The socket is the female part of the terminal unit connected to the base block by a gas specific interface and which contains the gasspecific connecting point. These sockets have been designed in accordance with the following standards:

BS 5682:2015, DIN 13260-2, NF S 90-116, FD S 90-119, SS 875 24 30, JIS T 7101, AS 2896 and ENV 737-6 for the dimensions of linking point to the probe;
EN ISO 9170-1 for design and manufacture requirements.

Materials:

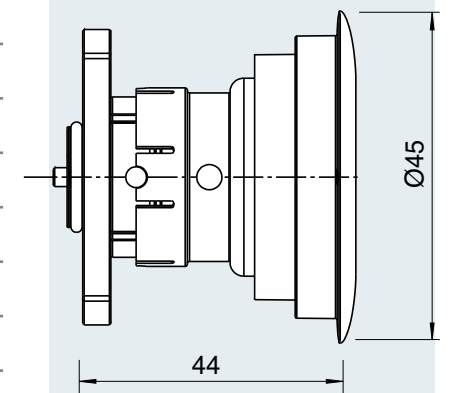
Brass EN 12164 - CuZn39Pb3 nickel plated
EPDM-PEROX
AISI
ABS/POM

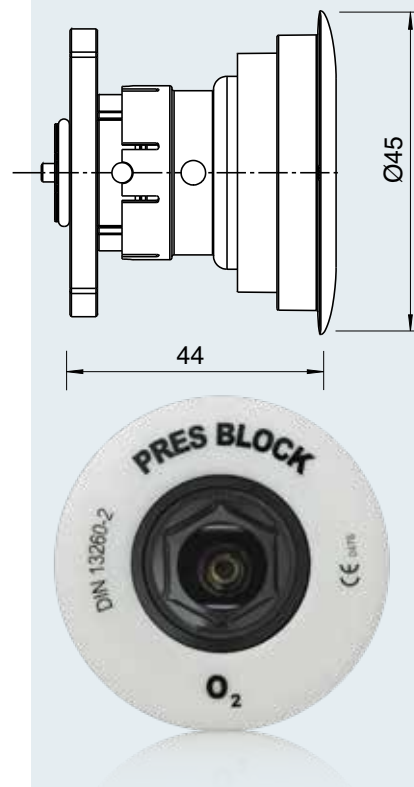
DIN 13260-2

New DIN 13260-2 socket c/w metal sleeve

P/N	GAS
VGTD-OR-O/PB	OXYGEN
VGTD-OR-V/PB	VACUUM
VGTD-OR-A4/PB	AIR
VGTD-OR-P/PB	NITROUS OXIDE
VGTD-OR-A8/PB	AIR-800
VGTD-OR-C/PB	CARBON DIOXIDE
VGTD-OR-N/PB	NITROGEN

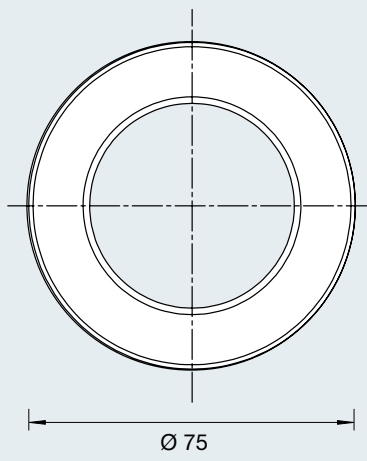
Supplied with releaser sleeve that can be custom made on request.





New Plastic DIN 13260-2 socket full plastic	
P/N	GAS
VGTD-OR-O/PB	OXYGEN
VGTD-OR-V/PB	VACUUM
VGTD-OR-A4/PB	AIR
VGTD-OR-P/PB	NITROUS OXIDE
VGTD-OR-A8/PB	AIR-800
VGTD-OR-C/PB	CARBON DIOXIDE
VGTD-OR-N/PB	NITROGEN

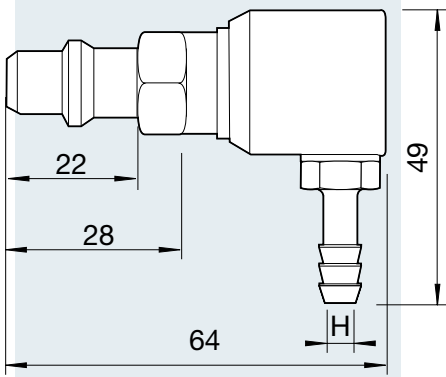
DIN 13260-2 profile cover for pendant and bed head unit / pendant		
P/N	GAS	COLOUR
ZGHD75-O	OXYGEN	WHITE
ZGHD75-V	VACUUM	YELLOW
ZGHD75-A4	AIR	BLACK
ZGHD75-P	NITROUS OXIDE	BLUE
ZGHD75-C	CARBON DIOXIDE	GREY



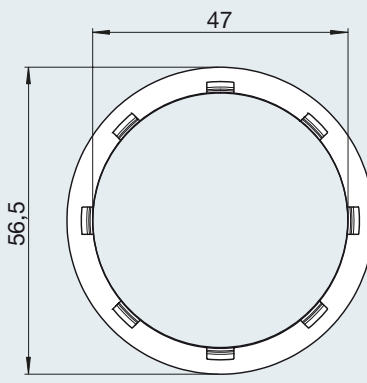
DIN 13260-2 PROBE

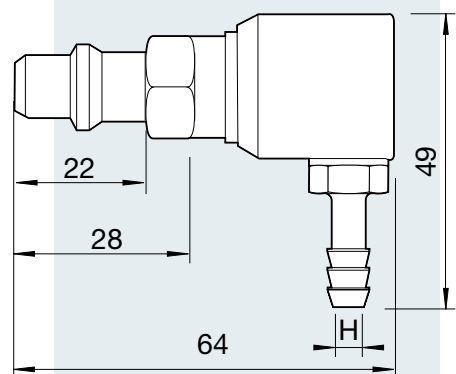
Elbow barb end probe			
P/N	DISTINCTIVE COLOUR	H	GAS
IGTGD-PG6-O	WHITE	6	OXYGEN
IGTGD-PG8-V	YELLOW	8	VACUUM
IGTGD-PG6-A4	BLACK-WHITE	6	AIR
IGTGD-PG6-P	BLUE	6	NITROUS OXIDE
IGTGD-PG6-A8	BLACK	6	AIR-800
IGTGD-PG6-C	GREY	6	CARBON DIOXIDE
IGTGD-PG6-N	BLACK	6	NITROGEN

Supplied with sticky label that can be custom made on request.

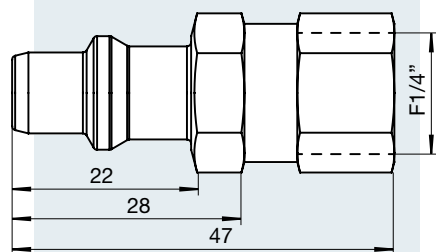


DIN 13260-2 profile cover		
P/N	GAS	COLOUR
PVGT-116	OXYGEN	BLACK
PVGT-116/001	VACUUM	WHITE
PVGT-116/002	AIR	YELLOW
PVGT-116/003	NITROUS OXIDE	BLUE





Elbow barb end probe with check valve			
P/N	DISTINCTIVE COLOUR	H	GAS
IIGTGD-PG6-O	WHITE	6	OXYGEN
IIGTGD-PG6-A4	BLACK-WHITE	6	AIR
IIGTGD-PG6-P	BLUE	6	NITROUS OXIDE
IIGTGD-PG6-C	GREY	6	CARBON DIOXIDE
Supplied with sticky label that can be custom made on request.			

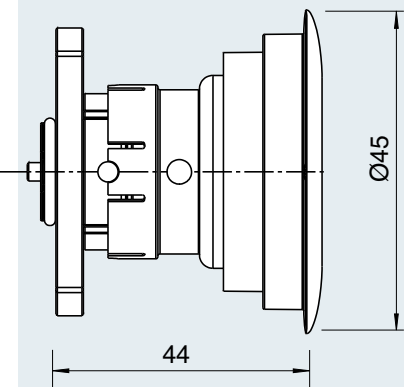
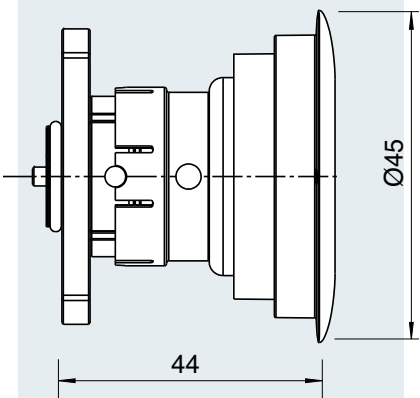


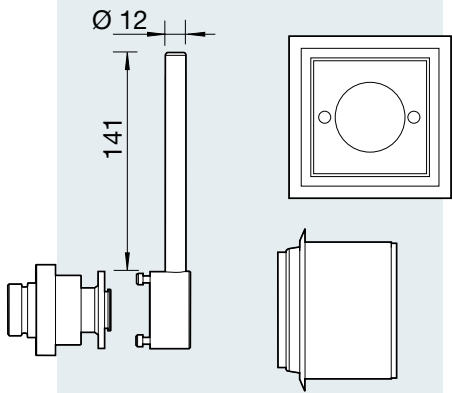
F1/4" probe		
P/N	DISTINCTIVE COLOUR	GAS
IGTD-F1/4-O	WHITE	OXYGEN
IGTD-F1/4-V	YELLOW	VACUUM
IGTD-F1/4-A4	BLACK-WHITE	AIR
IGTD-F1/4-A8	BLACK	AIR-800
IGTD-F1/4-P	BLUE	NITROUS OXIDE
IGTD-F1/4-C	GREY	CARBON DIOXIDE
Supplied with releaser sleeve that can be custom made on request.		

BS 5682:2015

BS 5682:2015 socket	
P/N	GAS
VGTBS-OR-O/PB	OXYGEN
VGTBS-OR-V/PB	VACUUM
VGTBS-OR-A4/PB	AIR
VGTBS-OR-P/PB	NITROUS OXIDE
VGTBS-OR-A8/PB	AIR-800
VGTBS-OR-OP/PB	O ₂ /N ₂ O
Supplied with releaser sleeve that can be custom made on request.	

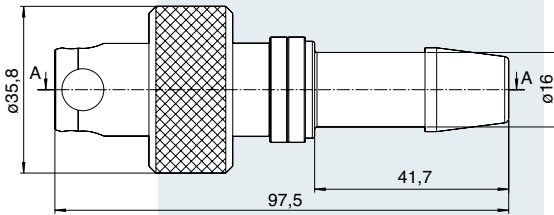
BS 5682:2015 plastic socket	
P/N	GAS
VGTBSP-OR-O/PB	OXYGEN
VGTBSP-OR-V/PB	VACUUM
VGTBSP-OR-A4/PB	AIR
VGTBSP-OR-P/PB	NITROUS OXIDE
VGTBSP-OR-A8/PB	AIR-800
Supplied with releaser sleeve that can be custom made on request.	





AGSS BS 8532:2011 socket

P/N	
VEGS-BS	WITH BOX
VEGS-BS/1	WITHOUT BOX



AGSS BS 8532:2011 probe

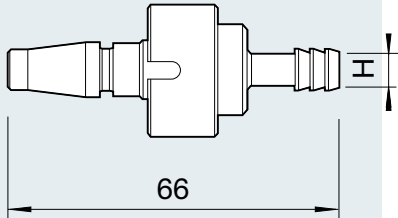
P/N	
IEGBS-PG16/PB	

BS 5682:2015 PROBE

Straight barb end probe

P/N	H	GAS
IGTBS-PG6-O	6,5	OXYGEN
IGTBS-PG8-V	8	VACUUM
IGTBS-PG6-A4	6,5	AIR
IGTBS-PG6-P	6,5	NITROUS OXIDE
IGTBS-PG6-A8	6,5	AIR-800

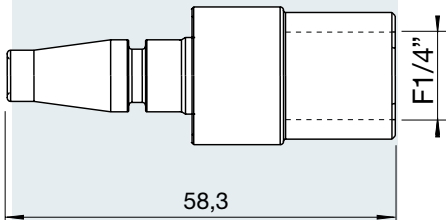
Made of nickel plated brass.



F1/4" probe

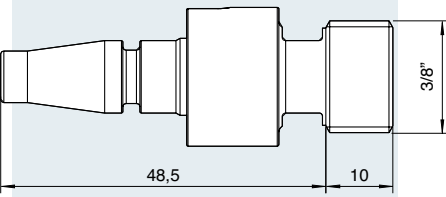
P/N	GAS
IGTBS-F1/4-O	OXYGEN
IGTBS-F1/4-V	VACUUM
IGTBS-F1/4-A4	AIR
IGTBS-F1/4-P	NITROUS OXIDE
IGTBS-F1/4-A8	AIR-800

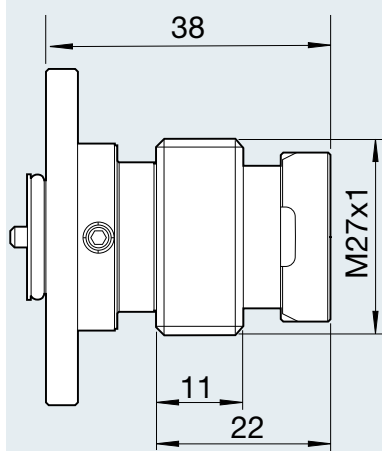
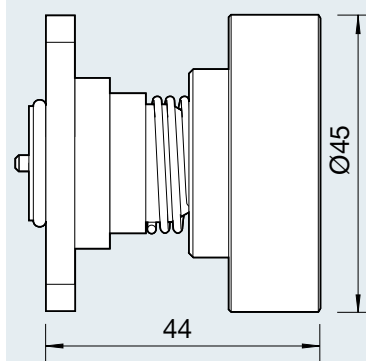
Made of nickel plated brass.



Straight M3/8" probe remote

P/N	GAS
IGTBS-M3/80/PB	OXYGEN
IGTBS-M3/8V/PB	VACUUM
IGTBS-M3/8A4/PB	AIR
IGTBS-M3/8P/PB	NITROUS OXIDE
IGTBS-M3/8A8/PB	AIR-800





SANS 1409:2014

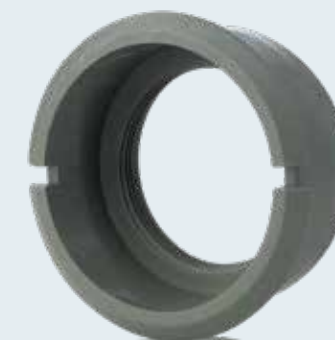
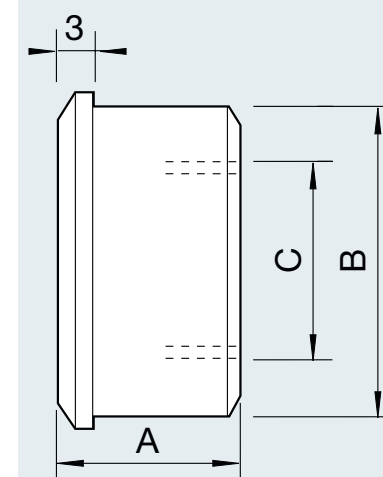
SANS 1409 socket

P/N	GAS
VGTSAM-OR-O	OXYGEN
VGTSAM-OR-V	VACUUM
VGTSAM-OR-A4	AIR
VGTSAM-OR-P	NITROUS OXIDE
VGTSAM-OR-A8	AIR-800
VGTSAM-OR-C	CARBON DIOXIDE
VGTSAM-OR-N	NITROGEN
VGTSAM-OR-OC	O ₂ /CO ₂
VGTSAM-OR-OP	O ₂ /N ₂ O

Supplied with releaser sleeve that can be custom made on request.

Bulkhead nut

P/N	C	A	B	COLOUR
PGTF/1	M27X1	18,7	36,6	GREY
PGTF	M28X1,5	18,7	36,6	BLACK
PGTF/AI	M26X1	18,7	36,6	GREY
PGTF/BH	M28X1,5	18,7	36,6	GREY



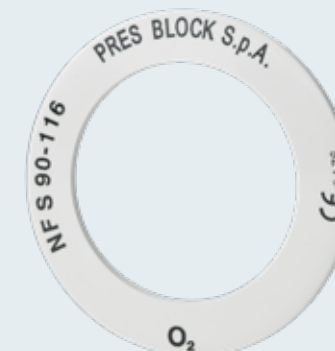
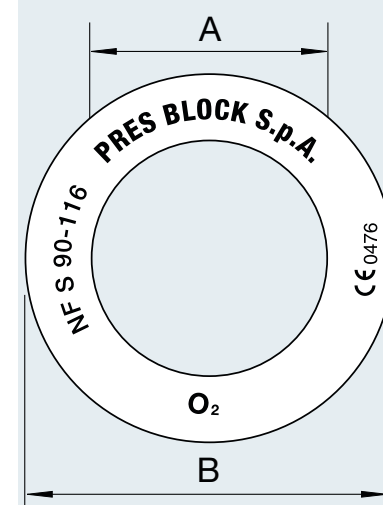
AFNOR NF S 90-116 FD S 90-119

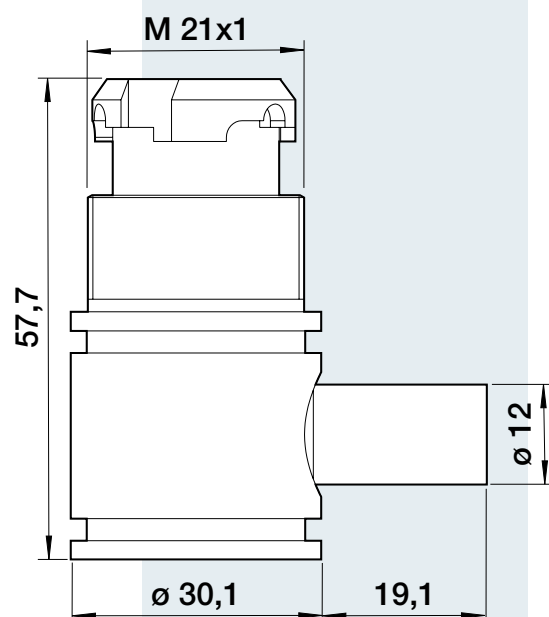
AFNOR socket

P/N	GAS
VGTFM-OR-O	OXYGEN
VGTFM-OR-V	VACUUM
VGTFM-OR-A4	AIR
VGTFM-OR-P	NITROUS OXIDE
VGTFM-OR-C	CARBON DIOXIDE
VGTFM-OR-A8	AIR-800

Gas identification ring

P/N	A	B	COLOUR	GAS
ZGTF-O/PB	38	55	WHITE	OXYGEN
ZGTF-V/PB	38	55	YELLOW	VACUUM
ZGTF-A4/PB	38	55	BLACK/WHITE	AIR
ZGTF-P/PB	38	55	BLUE	NITROUS OXIDE
ZGTF-A8/PB	38	55	WHITE/BLACK	AIR-800
ZGTF-C/PB	38	55	GREY	CARBON DIOXIDE
ZGTFD70-O	38	70	WHITE	OXYGEN
ZGTFD70-V	38	70	YELLOW	VACUUM
ZGTFD70-A4	38	70	BLACK/WHITE	AIR
ZGTFD70-P	38	70	BLUE	NITROUS OXIDE
ZGTFD70-A8	38	70	WHITE/BLACK	AIR-800
ZGTFD70-C	38	70	GREY	CARBON DIOXIDE





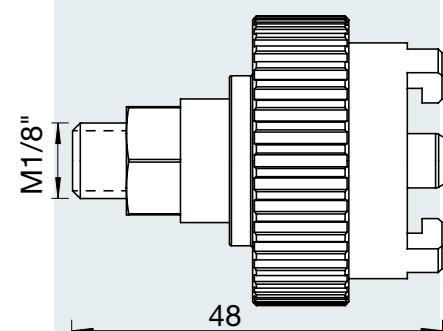
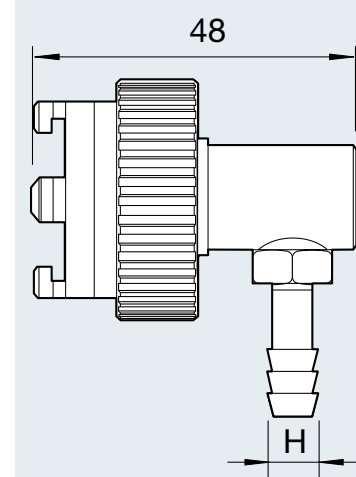
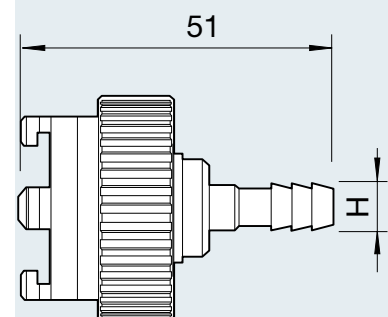
AFNOR MONOBLOCK SOCKET

AFNOR socket	
P/N	GAS
VGTF-MO-O	OXYGEN
VGTF-MO-V	VACUUM
VGTF-MO-A4	AIR
VGTF-MO-P	NITROUS OXIDE
VGTF-MO-C	CARBON DIOXIDE
VGTF-MO-A8	AIR-800





NF S 90-116 AND FD S 90-119 PROBES



Straight barb end probe			
P/N	DISTINCTIVE COLOUR	H	GAS
IGTF-PG6-O	WHITE	6	OXYGEN
IGTF-PG8-V	YELLOW	8	VACUUM
IGTF-PG6-A4	BLACK-WHITE	6	AIR
IGTF-PG6-P	BLUE	6	NITROUS OXIDE
IGTF-PG6-A8	WHITE-BLACK	6	AIR-800
IGTF-PG6-C	GREY	6	CARBON DIOXIDE

Supplied with sleeve that can be custom made on request.

Elbow barb end probe			
P/N	DISTINCTIVE COLOUR	H	GAS
IGTGF-PG6-O	WHITE	6	OXYGEN
IGTGF-PG8-V	YELLOW	8	VACUUM
IGTGF-PG6-A4	BLACK-WHITE	6	AIR
IGTGF-PG6-P	BLUE	6	NITROUS OXIDE
IGTGF-PG6-A8	WHITE-BLACK	6	AIR-800
IGTGF-PG6-C	GREY	6	CARBON DIOXIDE

Supplied with sleeve that can be custom made on request.

M1/8" probe		
P/N	DISTINCTIVE COLOUR	GAS
IGTF-M1/8-O	WHITE	OXYGEN
IGTF-M1/8-V	YELLOW	VACUUM
IGTF-M1/8-A4	BLACK-WHITE	AIR
IGTF-M1/8-P	BLUE	NITROUS OXIDE
IGTF-M1/8-A8	WHITE-BLACK	AIR-800

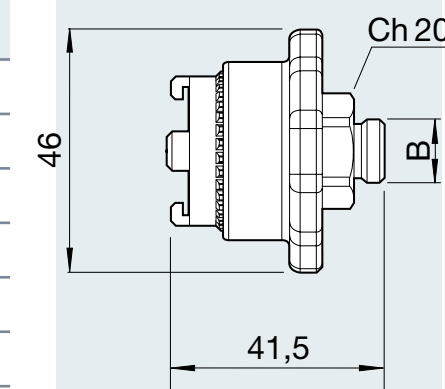
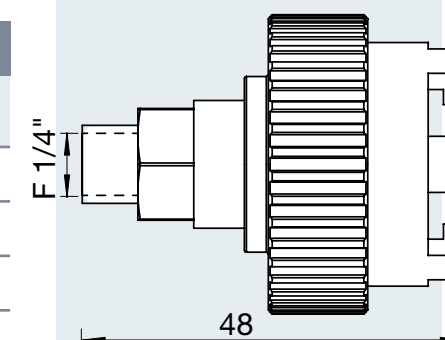
Supplied with sleeve that can be custom made on request.

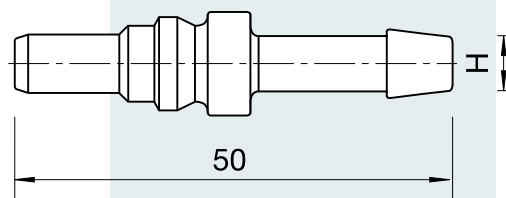
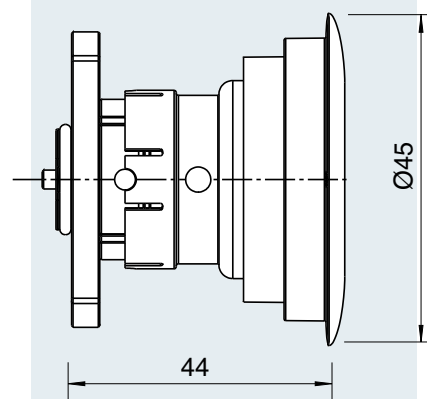
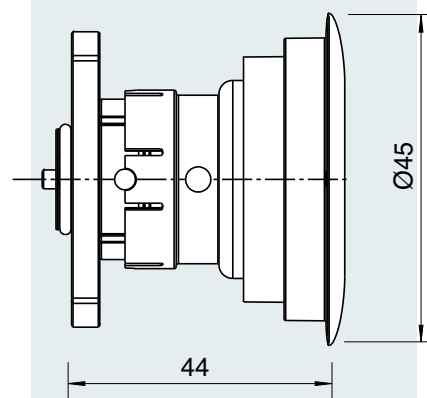
F1/4" probe		
P/N	DISTINCTIVE COLOUR	GAS
IGTF-F1/4-O	WHITE	OXYGEN
IGTF-F1/4-V	YELLOW	VACUUM
IGTF-F1/4-A4	BLACK-WHITE	AIR
IGTF-F1/4-P	BLUE	NITROUS OXIDE
IGTF-F1/4-A8	WHITE-BLACK	AIR-800
IGTF-F1/4-C	GREY	CARBON DIOXIDE

Supplied with sleeve that can be custom made on request.

Straight swivel male threaded probe			
P/N	B	DISTINCTIVE COLOUR	GAS
IGTF-OR-M12-O	M12X1	WHITE	OXYGEN
IGTF-OR-M12-V	M12X1	YELLOW	VACUUM
IGTF-OR-M12-A4	M12X1	WHITE-BLACK	AIR
IGTF-OR-M12-P	M12X1	BLUE	NITROUS OXIDE
IGTF-OR-M12-C	M12X1	GREY	CARBON DIOXIDE
IGTF-OR-M1/8-O	1/8"	WHITE	OXYGEN
IGTF-OR-M1/8-V	1/8"	YELLOW	VACUUM
IGTF-OR-M1/8-A4	1/8"	WHITE-BLACK	AIR
IGTF-OR-M1/4-O	1/4"	WHITE	OXYGEN
IGTF-OR-M1/4-V	1/4"	YELLOW	VACUUM

Supplied with sleeve that can be custom made on request.





SS 875 24 30

SS 875 24 30 socket

P/N	GAS
VGTA-OR-O/PB	OXYGEN
VGTA-OR-V/PB	VACUUM
VGTA-OR-A4/PB	AIR
VGTA-OR-P/PB	NITROUS OXIDE
VGTA-OR-A8/PB	AIR-800
VGTA-OR-C/PB	CARBON DIOXIDE

Supplied with releaser sleeve that can be custom made on request.

SS 875 24 30 horizontal socket for flow meter

P/N	GAS
VGTAHO-OR-O/PB	OXYGEN
VGTAHO-OR-V/PB	VACUUM
VGTAHO-OR-A4/PB	AIR
VGTAHO-OR-P/PB	NITROUS OXIDE
VGTAHO-OR-C/PB	CARBON DIOXIDE
VGTAHO-OR-A8/PB	AIR-800
VGTAHO-OR-N/PB	NITROGEN

Supplied with releaser sleeve that can be custom made on request.

SS 875 24 30 PROBE

Straight barb end probe

P/N	H	GAS
IGTA-PG6-O	6	OXYGEN
IGTA-PG10-V	10	VACUUM
IGTA-PG8-A4	8	AIR
IGTA-PG6-P	6	NITROUS OXIDE
IGTA-PG8-A8	8	AIR-800
IGTA-PG6-C	6	CARBON DIOXIDE

ENV 737-6

ENV 737-6 socket

P/N	GAS
VGTEM-OR-O	OXYGEN
VGTEM-OR-V	VACUUM
VGTEM-OR-A4	AIR
VGTEM-OR-P	NITROUS OXIDE
VGTEM-OR-C	CARBON DIOXIDE
VGTEM-OR-A8	AIR-800

Supplied with releaser sleeve that can be custom made on request.

ENV 737-6 PROBE

Elbow barb end probe

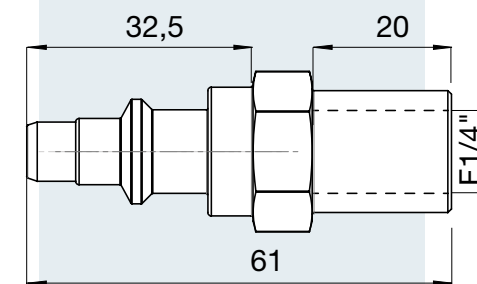
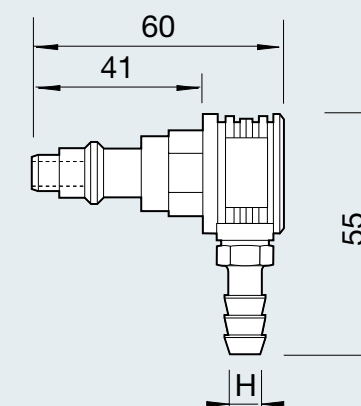
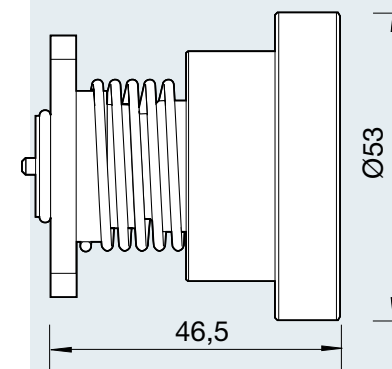
P/N	DISTINCTIVE COLOUR	H	GAS
IGTGE-PG6-O	WHITE	6	OXYGEN
IGTGE-PG8-V	YELLOW	8	VACUUM
IGTGE-PG6-A4	BLACK-WHITE	6	AIR
IGTGE-PG6-P	BLUE	6	NITROUS OXIDE
IGTGE-PG6-A8	WHITE-BLACK	6	AIR-800
IGTGE-PG6-C	GREY	6	CARBON DIOXIDE

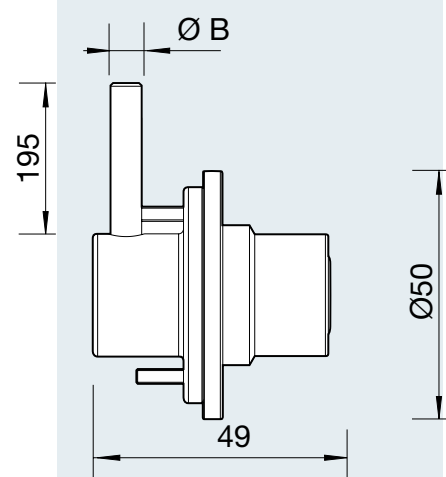
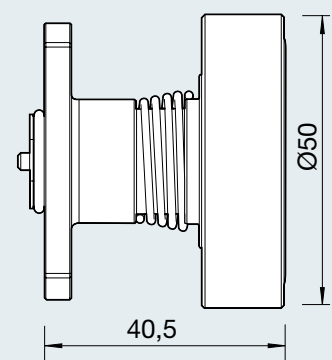
Supplied with sleeve that can be custom made on request.

F1/4" probe

P/N	DISTINCTIVE COLOUR	GAS
IGTE-F1/4-O	WHITE	OXYGEN
IGTE-F1/4-V	YELLOW	VACUUM
IGTE-F1/4-A4	BLACK-WHITE	AIR
IGTE-F1/4-P	BLUE	NITROUS OXIDE
IGTE-F1/4-A8	WHITE-BLACK	AIR-800
IGTE-F1/4-C	GREY	CARBON DIOXIDE

Supplied with sleeve that can be custom made on request.





JIS T 7101

JIS T 7101 socket

P/N	GAS
VG TJSM-OR-O	OXYGEN
VG TJSM-OR-V	VACUUM
VG TJSM-OR-A4	AIR
VG TJSM-OR-P	NITROUS OXIDE
VG TJSM-OR-C	CARBON DIOXIDE

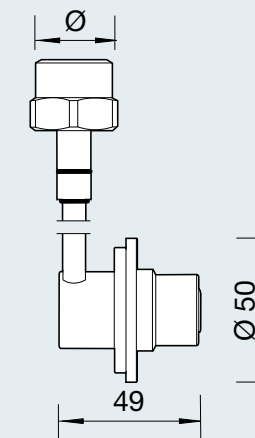
AS 2896

AS 2896 outlet

P/N	Ø B	GAS
VG TAS-O	1/4"	OXYGEN
VG TAS-V	5/16"	VACUUM
VG TAS-A4	1/4"	AIR
VG TAS-P	1/4"	NITROUS OXIDE
VG TAS-A8	1/4"	AIR-800
VG TAS-C	1/4"	CARBON DIOXIDE

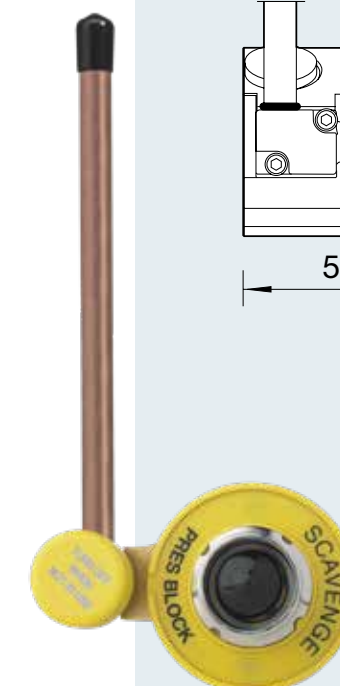
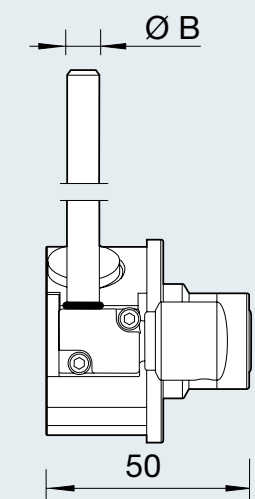
AS 2896 outlet c/w NIST connector

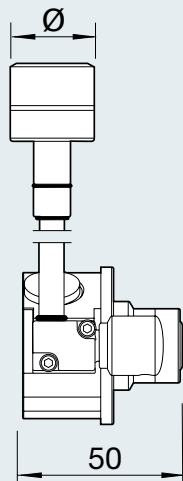
P/N	Ø FEMALE THREAD	GAS
VG TAS-O-MNIST	M22X1,5	OXYGEN
VG TAS-V-MNIST	M22X1,5	VACUUM
VG TAS-A4-MNIST	M22X1,5	AIR
VG TAS-P-MNIST	M22X1,5	NITROUS OXIDE
VG TAS-A8-MNIST	M22X1,5	AIR-800
VG TAS-C-MNIST	M22X1,5	CARBON DIOXIDE



AS 2896 Anaesthetic Gas Scavenge

P/N	Ø B
VEGS-AS	8





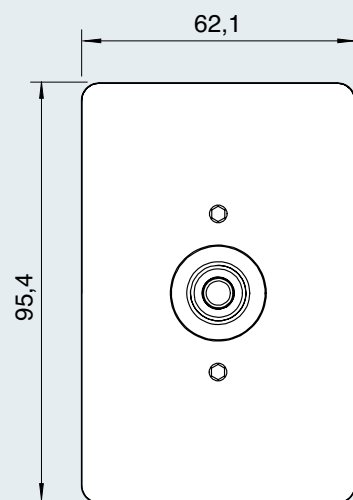
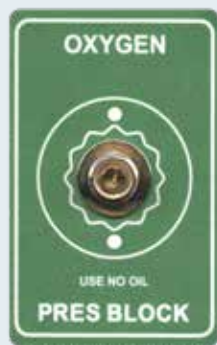
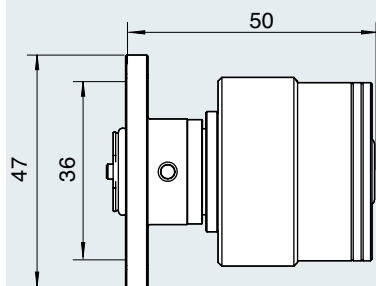
AS 2896 Anaesthetic Gas Scavenge c/w NIST connector

P/N	Ø FEMALE THREAD
VEGS-AS-MNIST	M22X1,5



Carbueros Metalicos socket

P/N	GAS
VGTC-OR-O/PB	OXYGEN
VGTC-OR-V/PB	VACUUM
VGTC-OR-A4/PB	AIR
VGTC-OR-P/PB	NITROUS OXIDE
VGTC-OR-A8/PB	AIR-800
VGTC-OR-C/PB	CARBON DIOXIDE

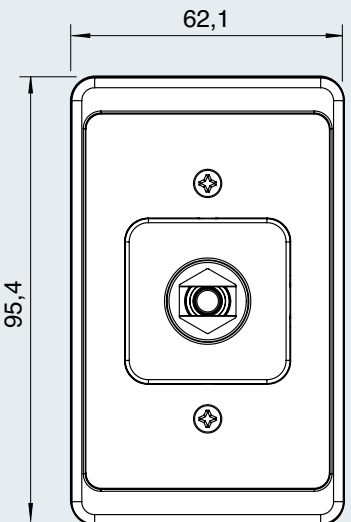


DISS socket

P/N	GAS
VGTH-OR-O/PB	OXYGEN
VGTH-OR-V/PB	VACUUM
VGTH-OR-A4/PB	AIR
VGTH-OR-P/PB	NITROUS OXIDE
VGTH-OR-A8/PB	AIR-800
VGTH-OR-C/PB	CARBON DIOXIDE

PURITAN BENNET socket

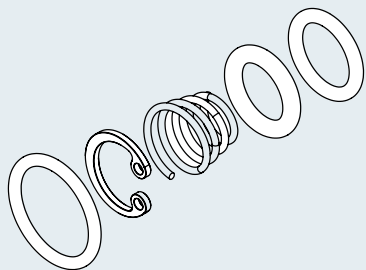
P/N	GAS
VGTP-OR-O/PB	OXYGEN
VGTP-OR-V/PB	VACUUM
VGTP-OR-A4/PB	AIR
VGTP-OR-P/PB	NITROUS OXIDE
VGTP-OR-A8/PB	AIR-800
VGTP-OR-C/PB	CARBON DIOXIDE



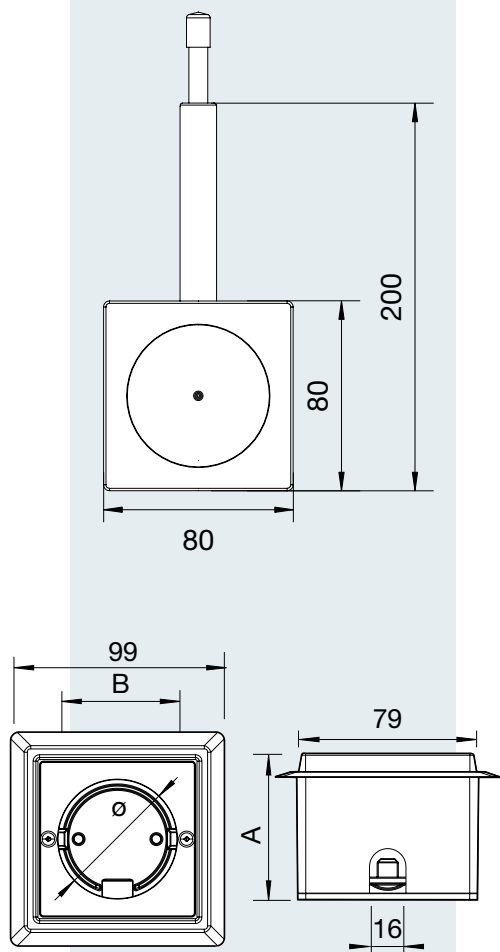
SPARE PART

Spare part kif for socket OR series

P/N	STANDARD	GAS
VGTD-OR-RIC	DIN	OXYGEN, AIR, NITROUS OXIDE, CARBON DIOXIDE
VGTD-OR-V-RIC	DIN	VACUUM
VGTBS-OR-RIC	BS	ALL
VGTA-OR-RIC	SS	ALL
VGTA-OR-V-RIC	SS	VACUUM
VGTF-OR-RIC	AFNOR	ALL
VGTF-OR-V-RIC	AFNOR	VACUUM



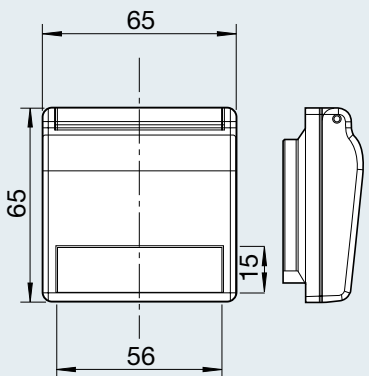
PLASTIC BOXES OR RANGE



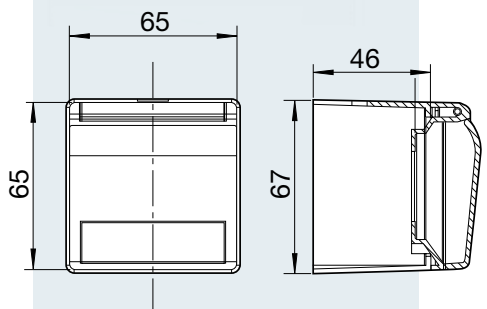
Plastic box for German normative c/w base block 8mm copper pipe			
P/N	A	B	PROFILE
ZBOX-GT-RG-O	80	220	OXYGEN
ZBOX-GT-RG-V	80	220	VACUUM
ZBOX-GT-RG-A4	80	220	AIR
ZBOX-GT-RG-P	80	220	NITROUS OXIDE
ZBOX-GT-RG-C	80	220	AIR-800
ZBOX-GT-RG-A8	80	220	NITROGEN

Box without lid for copper pipe base block			
P/N	A	B	PROFILE
ZBOX-GT-OR	56,8	46,2	suitable for DIN 13260-2 and SS 875 24 30
ZBOX-GT-OR/01	56,8	52,5	suitable for BS 5682:2015 and JIS T 7101
ZBOX-GT-OR/02	58,8	55	suitable for ENV 737-6
BOXGTC	56,8	40,2	suitable for CARBUROS METALICOS
Suitable to be either flush-mounted or wall-mounted.			

Lid for BHU Afnor outlet	
P/N	
BOXGTF	C/W LOCKING NUT
BOXGTF-1	WITHOUT C/W LOCKING NUT

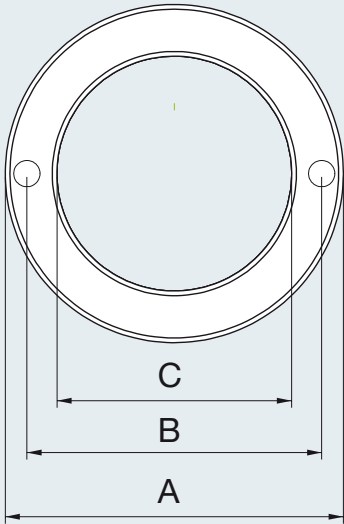


Box c/w lid for AFNOR outlet	
P/N	
ZBOXGTF	C/W LOCKING NUT
ZBOXGTF/1	WITHOUT C/W LOCKING NUT



GAS

O₂



Gas identification label for AFNOR LID	
P/N	GAS
BOXGTF/O	OXYGEN
BOXGTF/V	VACUUM
BOXGTF/A4	AIR
BOXGTF/P	NITROUS OXIDE
BOXGTF/A8	AIR-800
BOXGTF/C	CARBON DIOXIDE
BOXGTF/N	NITROGEN

Locking nut for AL socket			
P/N	A	B	C
VGTF-O-4/TM	36	31,4	M26X1
VGTF-O-4/MD1	36	30,5	M27X1
NVGTF-PP-M28-1	37.5	32,85	M28X1.5



GAS OUTLETS UNI 9507

The terminal units of a medical gas pipeline system are devices used to make connections and disconnections in order to provide specific medical gases to medical devices, pulmonary ventilators or other appliances. An incorrect connection puts to hazard the life of patients, therefore the terminal units have been designed following different technical standards that ensure the accordance to the European directive 93/42/EEC so to grant a non-interchangeability among different gases and prevent from any possible mistake.



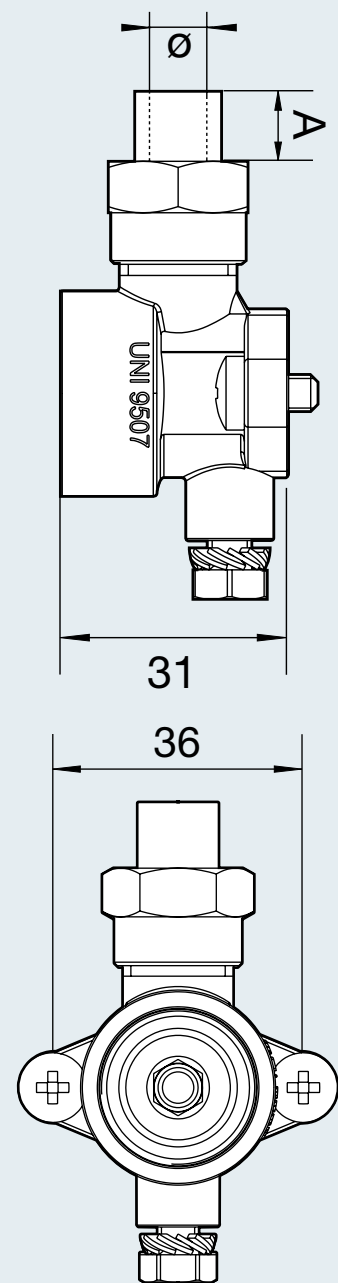
BASE BLOCK UNI 9507

This component is the part of the terminal unit connected to the medical gas pipeline distribution system (suction in case of vacuum). The base blocks are designed in accordance with the standard EN ISO 9170-1 for design and manufacture requirements. All base blocks, except those for vacuum, are supplied with a maintenance valve to be fitted after the plumbing is completed.

Materials:

Brass EN 12164 - CuZn39Pb3
EPDM-PEROX
AISI



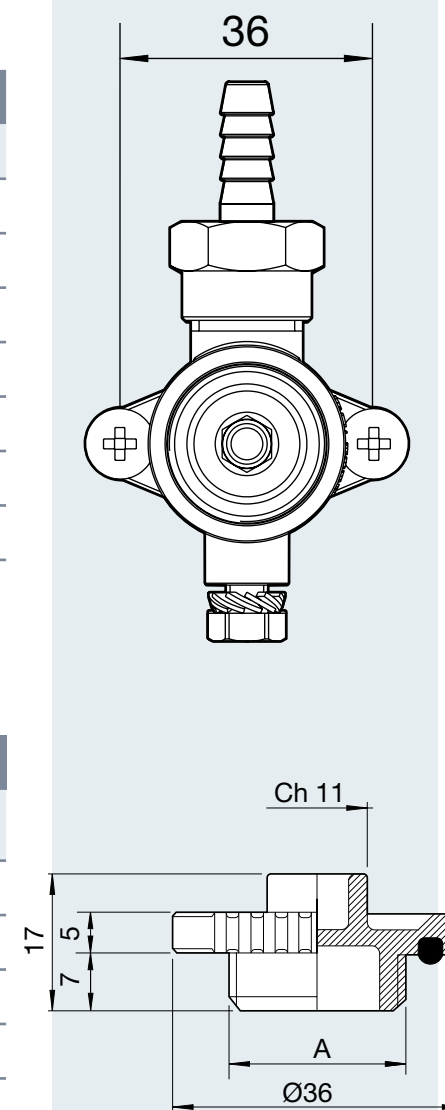


Base block c/w connector to weld			
P/N	GAS	A	Ø
ZARM60-O/PB	OXYGEN	9,5	10
ZARM60-V/PB	VACUUM	9,5	10
ZARM60-A4/PB	AIR	9,5	10
ZARM45-P/PB	NITROUS OXIDE	9,5	10
ZARM60-A8/PB	AIR-800	9,5	10
ZARM60-C/PB	CARBON DIOXIDE	9,5	10
ZARM60-N/PB	NITROGEN	9,5	10

Base block c/w connector to weld			
P/N	GAS	A	Ø
ZARM60-O/PB1	OXYGEN	20,5	10
ZARM60-V/PB1	VACUUM	20,5	10
ZARM60-A4/PB1	AIR	20,5	10
ZARM45-P/PB1	NITROUS OXIDE	20,5	10
ZARM60-A8/PB1	AIR-800	20,5	10
ZARM60-C/PB1	CARBON DIOXIDE	20,5	10
ZARM60-N/PB1	NITROGEN	20,5	10

Base block c/w barb end		
P/N	GAS	Ø
ZARM60-O-PG6/PB	OXYGEN	6
ZARM60-V-PG8/PB	VACUUM	8
ZARM60-A4-PG6/PB	AIR	6
ZARM45-P-PG6/PB	NITROUS OXIDE	6
ZARM60-A8-PG6/PB	AIR-800	6
ZARM60-C-PG6/PB	CARBON DIOXIDE	6
ZARM60-N-PG6/PB	NITROGEN	6

Hexagonal head plug for base block			
P/N	A	DISTINCTIVE COLOUR	GAS
AGT-O/TP1	M22X1,5D	WHITE	OXYGEN
AGT-V/TP1	M24X1,5D	YELLOW	VACUUM
AGT-A4/TP1	M20X1,5S	BLACK	AIR
AGT-P/TP1	M16X1,5D	BLUE	NITROUS OXIDE
AGT-A8/TP1	M18X1,5D	BLACK	AIR-800
AGT-C/TP1	M20X1,5D	GREY	CARBON DIOXIDE
c/w O-ring.			





SOCKETS UNI 9507

The socket is the female part of the terminal unit connected to the base block by a gas specific interface and which contains the gasspecific connecting point. These sockets have been designed in accordance with the following standards:

UNI 9507;

EN ISO 9170-1 for design and manufacture requirements.

Materials:

Brass EN 12164 - CuZn39Pb3 nickel plated

EPDM-PEROX

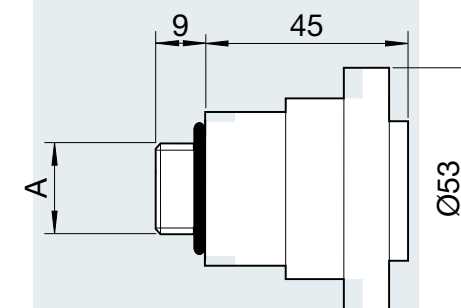
AISI

ABS/POM

New UNI 9507 socket

P/N	A	DISTINCTIVE COLOUR	
VGT60M-O/PB	M22X1,5D	WHITE	OXYGEN
VGT60M-V/PB	M24X1,5D	YELLOW	VACUUM
VGT60M-A4/PB	M20X1,5S	BLACK-WHITE	AIR
VGT45M-P/PB	M16X1,5D	BLUE	NITROUS OXIDE
VGT60M-A8/PB	M18X1,5D	WHITE-BLACK	AIR-800
VGT60M-C/PB	M20X1,5D	GREY	CARBON DIOXIDE

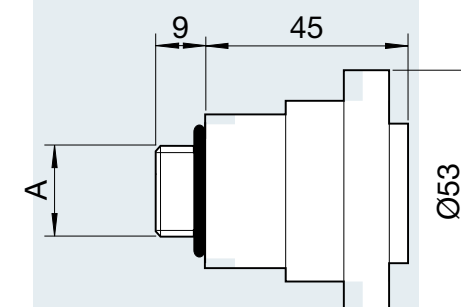
Supplied with sleeve that can be custom made on request.



UNI 9507 socket c/w threaded inlet

P/N	A	DISTINCTIVE COLOUR	GAS
VGTX60-O-M1/4	1/4	WHITE	OXYGEN
VGTX60-O-M3/8	3/8	WHITE	OXYGEN

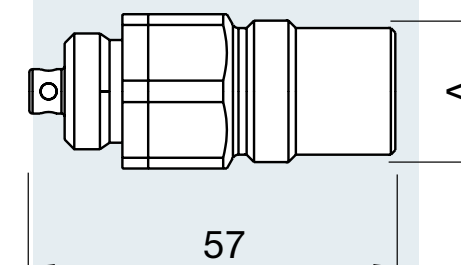
Supplied with sleeve that can be custom made on request.

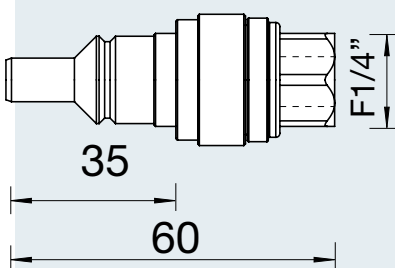
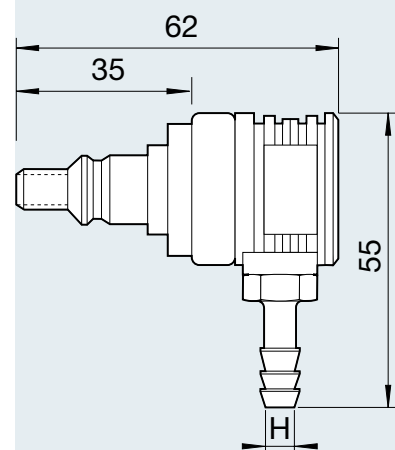


NIST socket c/w threaded inlet

P/N	A	GAS
VGTN-O	M22 X 1.5	OXYGEN
VGTN-C	M22 X 1.5	CARBON DIOXIDE
VGTN-A8	M22 X 1.5	AIR-800
VGTN-A4	M22 X 1.5	AIR

Supplied with sleeve that can be custom made on request.





UNI 9507 PROBES

Elbow barb end probe

P/N	DISTINCTIVE COLOUR	H	GAS
IGTG60-PG6-O	WHITE	6	OXYGEN
IGTG60-PG8-V	YELLOW	8	VACUUM
IGTG60-PG6-A4	BLACK-WHITE	6	AIR
IGTG45-PG6-P	BLUE	6	NITROUS OXIDE
IGTG60-PG6-A8	WHITE-BLACK	6	AIR-800
IGTG60-PG6-C	GREY	6	CARBON DIOXIDE

Supplied with sleeve that can be custom made on request.

F1/4" probe

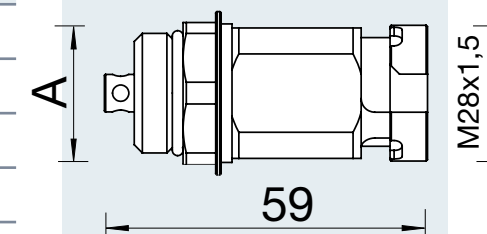
P/N	DISTINCTIVE COLOUR	H	GAS
IGT60-F1/4-O	WHITE	1/4"	OXYGEN
IGT60-F1/4-V	YELLOW	1/4"	VACUUM
IGT60-F1/4-A4	BLACK-WHITE	1/4"	AIR
IGT45-F1/4-P	BLUE	1/4"	NITROUS OXIDE
IGT60-F1/4-A8	WHITE-BLACK	1/4"	AIR-800
IGT60-F1/4-C	GREY	1/4"	CARBON DIOXIDE

Supplied with sleeve that can be custom made on request.

AFNOR NSF 90-116

AFNOR NSF 90-116 socket c/w UNI thread inlet

P/N	A	DISTINCTIVE COLOUR	GAS
VGTF-O	M22X1,5D	WHITE	OXYGEN
VGTF-V	M24X1,5D	YELLOW	VACUUM
VGTF-A4	M20X1,5S	BLACK-WHITE	AIR
VGTF-P	M16X1,5D	BLUE	NITROUS OXIDE
VGTF-A8	M18X1,5D	WHITE-BLACK	AIR-800
VGTF-C	M20X1,5D	GREY	CARBON DIOXIDE



UNI 9507 AND AFNOR NFS 90-116 BOX

Box

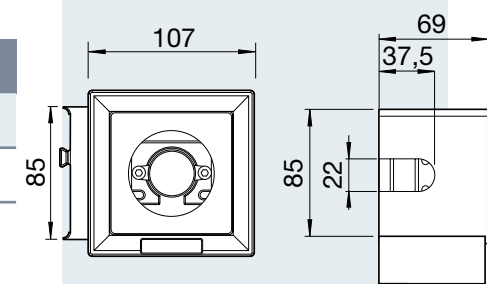
P/N

BOX-GT

Suitable to be either flush-mounted or surface-mounted

Supplied with:

- service cap;
- components designed to link the boxes to form a series.





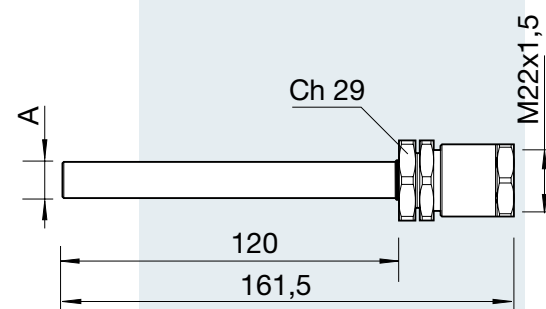
NIST CONNECTORS (NIST)

Range of male and female components intended to maintain gas-specificity by allocation of a set of different diameters and screw thread to mating components to each gas. These connectors are suitable for medical gases when the pressure range is 300 kPa - 1400 kPa and for vacuum when the pressure range is 10 kPa - 100 kPa. These components are designed in accordance with the standard UNI EN ISO 18082

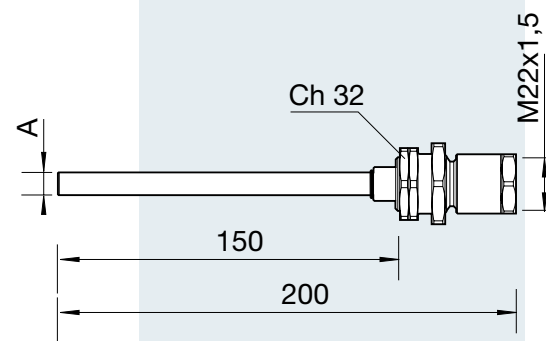


Materials:

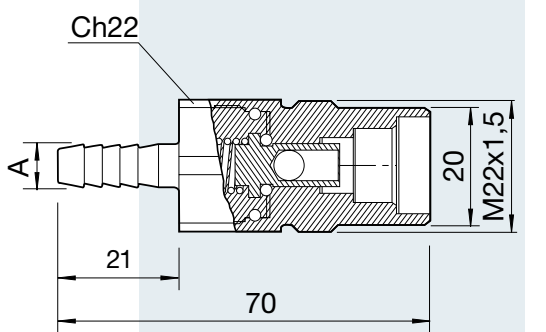
Brass EN 12164 - CuZn39Pb3 nickel plated
EPDM-PEROX
AISI



1st fix Nist connector c/w copper pipe welded		
P/N	A	GAS
VGTN-PL-O-T1/2	1/2"	OXYGEN
VGTN-PL-A4-T1/2	1/2"	AIR
VGTN-PL-V-T1/2	1/2"	VACUUM
VGTN-PL-P-T1/2	1/2"	NITROUS OXIDE
VGTN-PL-C-T1/2	1/2"	CARBON DIOXIDE
VGTN-PL-A8-T1/2	1/2"	AIR-800
PL = free flow.		



1st fix Nist connector c/w check valve and copper pipe welded		
P/N	A	GAS
VGTN-O-T10	10	OXYGEN
VGTN-A4-T10	10	AIR
VGTN-V-T12	12	VACUUM
VGTN-P-T10	10	NITROUS OXIDE
VGTN-C-T10	10	CARBON DIOXIDE
VGTN-A8-T10	10	AIR-800
VGTN-AGSS-T15*	15	SDEGA
*No check valve.		



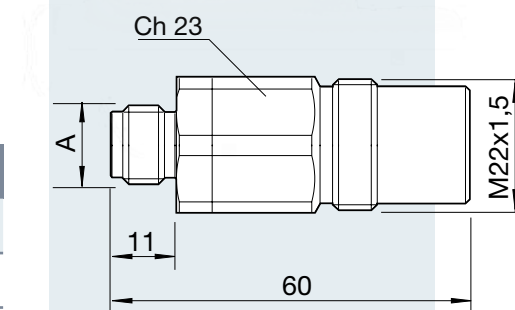
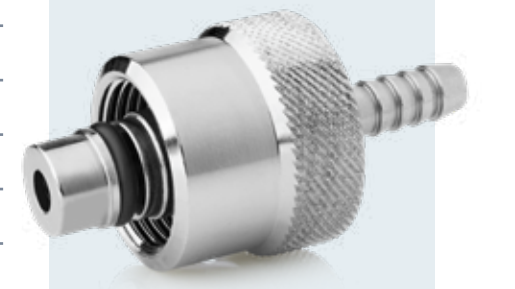
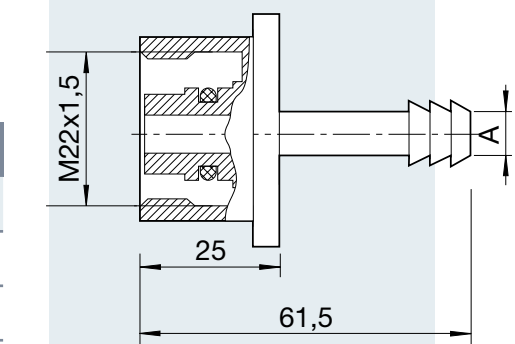
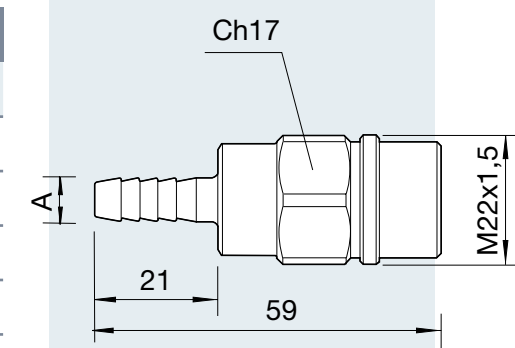
1st fix Nist connector c/w hosetail & check valve		
P/N	A	GAS
VGTN-O-PG6	6	OXYGEN
VGTN-A4-PG6	6	AIR
VGTN-V-PG8	8	VACUUM
VGTN-P-PG6	6	NITROUS OXIDE
VGTN-C-PG6	6	CARBON DIOXIDE
VGTN-A8-PG6	6	AIR-800



1st fix Nist connector c/w hosetail		
P/N	A	GAS
VGTN-PL-O-PG6	6	OXYGEN
VGTN-PL-A4-PG6	6	AIR
VGTN-PL-V-PG8	8	VACUUM
VGTN-PL-P-PG6	6	NITROUS OXIDE
VGTN-PL-A8-PG6	6	AIR-800
VGTN-PL-C-PG6	6	CARBON DIOXIDE
PL = free flow.		

NIST straight barb end probe		
P/N	A	GAS
IGTN-PG6-O	6	OXYGEN
IGTN-PG8-V	8	VACUUM
IGTN-PG6-A4	6	AIR
IGTN-PG6-P	6	NITROUS OXIDE
IGTN-PG6-C	6	CARBON DIOXIDE
IGTN-PG6-A8	6	AIR-800
IGTN-PG6-OA	6	AIR/OXYGEN
IGTN-AGSS-PG12	12	SDEGA

1st fix Nist connector c/w M1/4" thread		
P/N	A	GAS
VGTN-O-M1/4	1/4"	OXYGEN
VGTN-V-M1/4*	1/4"	VACUUM
VGTN-A4-1/4	1/4"	AIR
* Free flow.		





ANAESTHETIC GAS SCAVENGING SYSTEM (AGSS) AND AIR MOTOR

They are the part of system to which the operator makes connection and disconnection for exhausting the medical gases coming from anaesthetic and breathing systems. To grant the gas-specificity and prevent any mistake.



EN ISO 9170-2 AGSS SOCKETS

These are the female parts of a terminal unit attached to the base block by a gas-specific interface which contain the gas-specific connection point.

Materials:

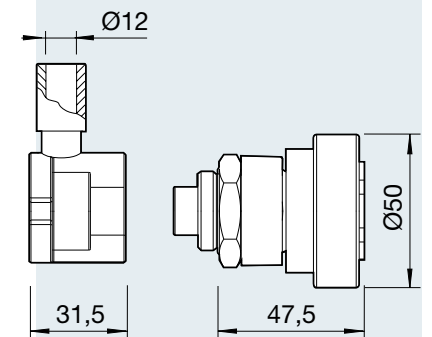
Brass EN 12164 - CuZn39Pb3
Aluminium series 2000 or 6000
Steel
EPDM-PEROX
AISI
PA/POM

AGSS type 1L outlet for centralized system

P/N	DISTINCTIVE COLOUR
-----	--------------------

VEGS120/EN1	RED MAGENTA
-------------	-------------

Supplied with metal sleeve that can be custom made on request.

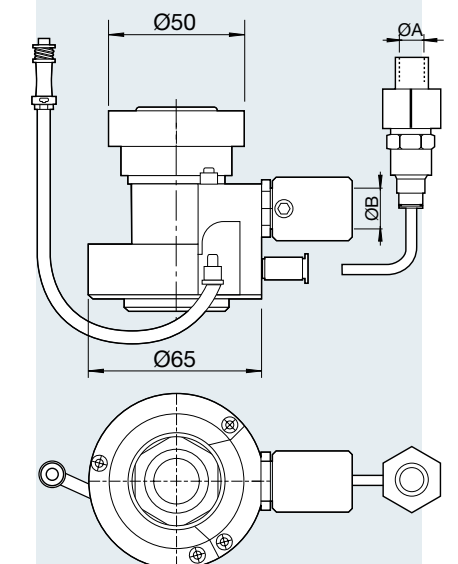


AGSS type 1L active

P/N	DISTINCTIVE COLOUR	ØA	ØB
VEGA120/EN1	RED MAGENTA	10 (SUPPLY)	16 (EVACUATION)

Supplied with:

- adjusting screw for setting following the standard EN ISO 7396-2.
- green suction indicator.
- sleeve that can be custom made on request.
- manifold for connecting the exhaust copper pipe.

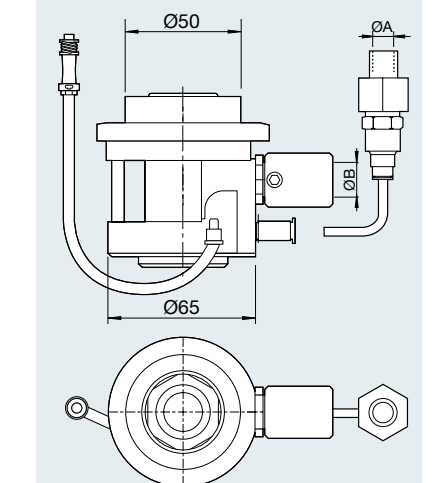


AGSS type 1L active c/w bulkhead plate

P/N	DISTINCTIVE COLOUR	ØA	ØB
VEGA120/EN2	RED MAGENTA	10 (SUPPLY)	16 (EVACUATION)

Supplied with:

- adjusting screw for setting following the standard EN ISO 7396-2.
- green suction indicator.
- sleeve that can be custom made on request.
- manifold for connecting the exhaust copper pipe.

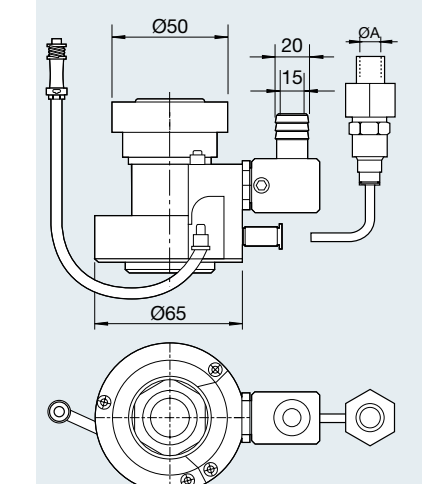


AGSS type 1L active for ceiling pendants

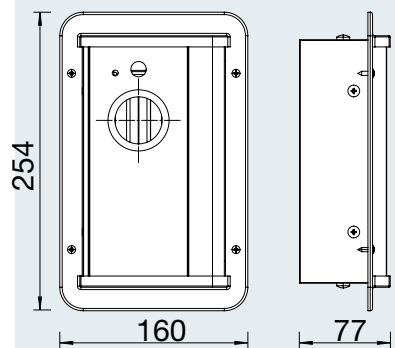
P/N	DISTINCTIVE COLOUR	ØA
VEGA120/EN3	RED MAGENTA	10 (SUPPLY)

Supplied with:

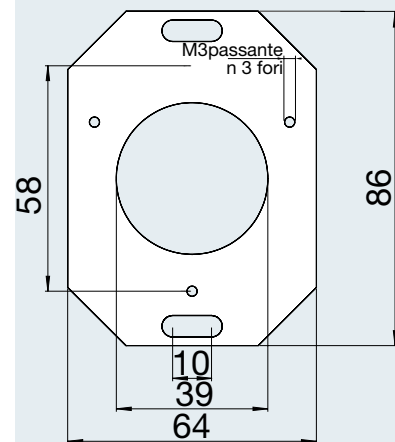
- adjusting screw for setting following the standard EN ISO 7396-2.
- green suction indicator.
- sleeve that can be custom made on request.
- adapter for connecting the exhaust copper pipe or flexible hose.



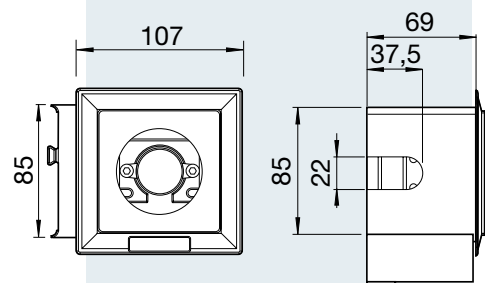
AGSS 1L TYPE ALUMINIUM BOX



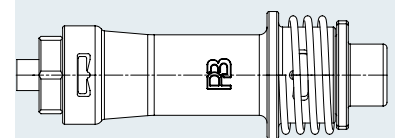
Box for AGSS active outlet		
P/N	DISTINCTIVE COLOUR	RAL
BOX-AGSS	RED	3003
BOX-AGSS/001	VERDE	6019
BOX-AGSS/002	BLUE	5015
BOX-AGSS/003	GREY	7035
BOX-AGSS/004	BEIGE	1013



Back plate for AGSS	
P/N	
VEG120-M3	



Box without lid for AGSS outlets (centralized system)	
P/N	
BOX-GTS	
Suitable to be either flush-mounted or surface-mounted	
Supplied with:	
- service cap;	
- components designed to link the boxes to form a series.	



AGSS indicator	
P/N	
LINDRR4	

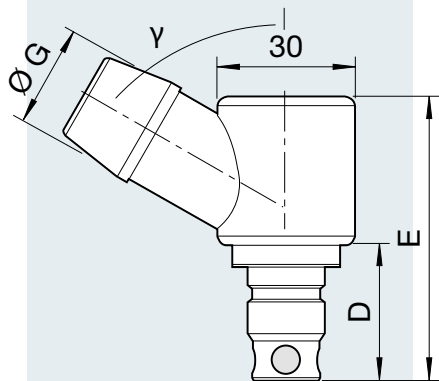


EN ISO 91790-2 AGSS PROBES

These are the male non-interchangeable parts to be connected to the outlets.

Materials:
Aluminium series 2000 or 6000 anodized
AISI
PA/POM

60° Barb end type 1L					
P/N	DISTINCTIVE COLOUR	D	ØG	E	γ
IEGG120-PG22/EN	RED MAGENTA	30	22	63	60°
IEGP120-PG22/EN	RED MAGENTA	30	22	63	90°





AIR MOTOR ENV 737-6

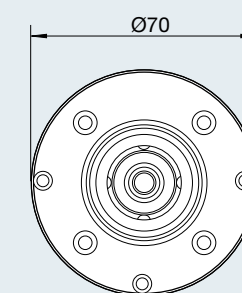
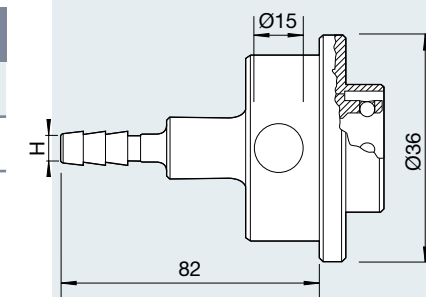
This terminal unit integrates a medical tool drive outlet with a gas scavenging terminal unit.

Materials:

Brass EN 12164 - CuZn39Pb3 nickel plated
Steel
EPDM-PEROX
Anodized Aluminium

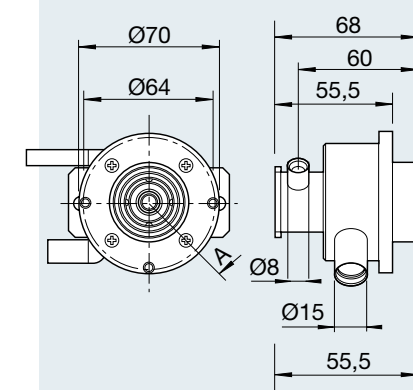
ENV 737-6 outlet for ceiling pendants

P/N	H
VAM737-PG6	9



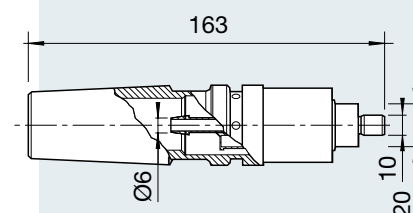
ENV 737-6 outlet c/w copper pipes

P/N	H
VAM737-TL	



ENV 737-6 barb end probe

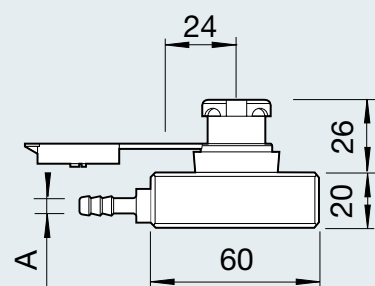
P/N	H
IAM737-PG6	9



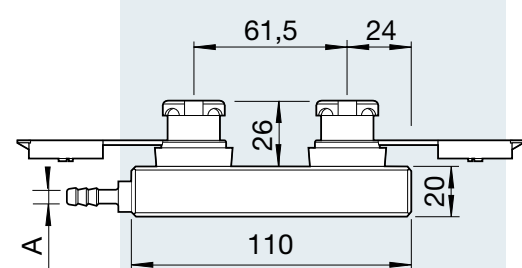


ADAPTERS FOR AMBULANCES

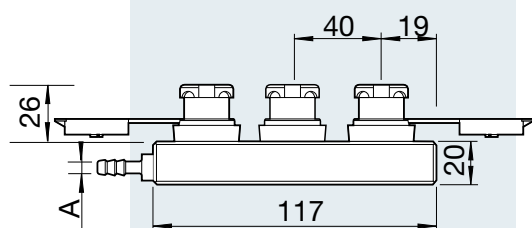
Materials:
Brass EN 12164 - CuZn39Pb3
EPDM-PEROX
AISI
ABS/POM
Aluminium



Adapter with one AFNOR NF S 90-116 socket and barb end inlet		
P/N	A	GAS
AGTF-1V-PG6-V	6	VACUUM
AGTF-1V-PG6-O	6	OXYGEN

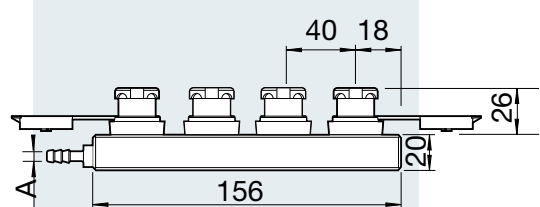


Adapter with two AFNOR NF S 90-116 sockets and barb end inlet		
P/N	A	GAS
AGTF-2V-PG6-O	6	OXYGEN
AGTF-2V-PG6-V	6	VACUUM
AGTF-2V-PG6-A4	6	AIR

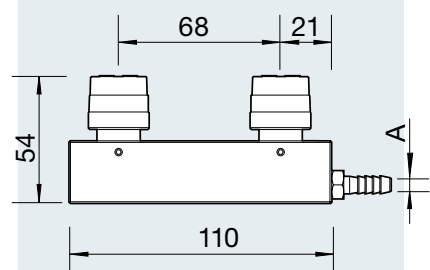
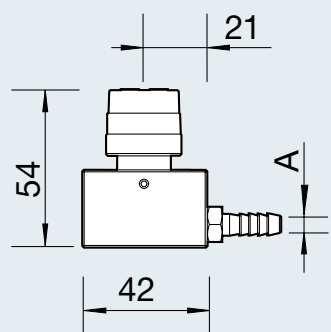


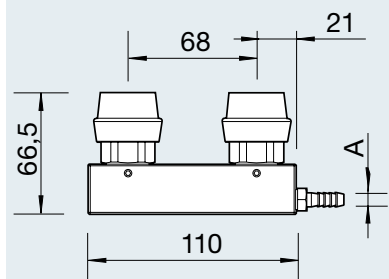
Adapter with three AFNOR NF S 90-116 sockets and barb end inlet		
P/N	A	GAS
AGTF-3V-PG6-O	6	OXYGEN

Adapter with four AFNOR NF S 90-116 sockets and barb end inlet		
P/N	A	GAS
AGTF-4V-PG6-O	6	OXYGEN



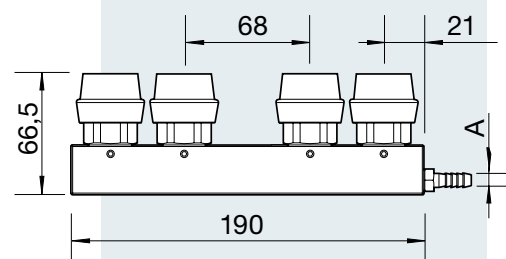
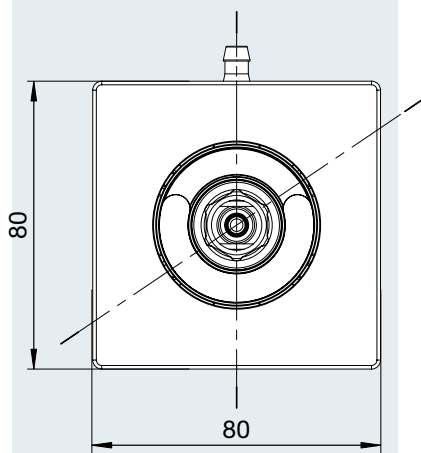
Adapter with one SS 875 24 30 socket and barb end inlet		
P/N	A	GAS
AGTA-1V-O	6	OXYGEN





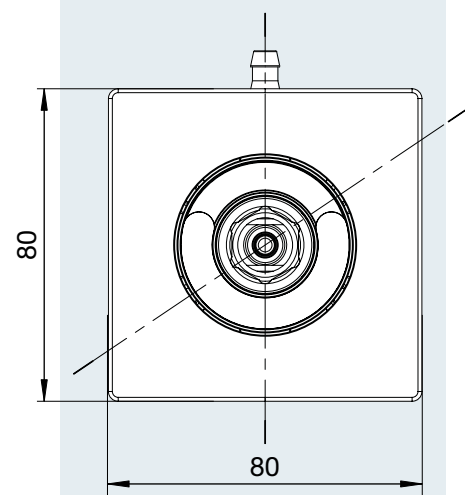
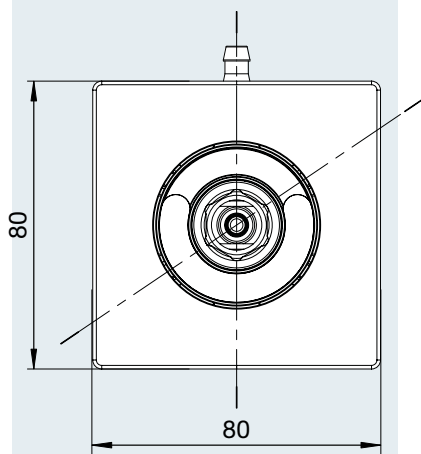
Adapter with two DIN 13260-2 sockets and barb end inlet		
P/N	A	GAS
AGTD-2V-O	6	OXYGEN
AGTD-2V-A4	6	AIR

Adapter with one BS socket and plastic box c/w barb end inlet	
P/N	GAS
ZBOX-GVBS-O	OXYGEN
ZBOX-GVBS-A4	AIR



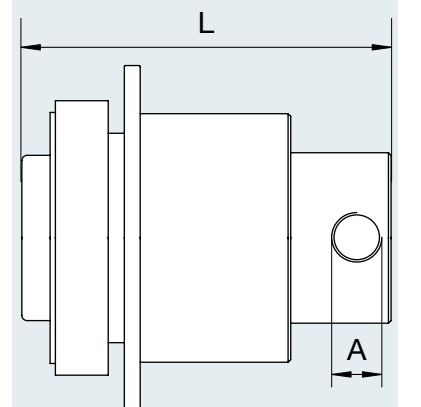
Adapter with four DIN 13260-2 sockets and barb end inlet		
P/N	A	GAS
AGTD-4V-O	6	OXYGEN
AGTD-4V-A4	6	AIR

Adapter with one SS socket and plastic box c/w barb end inlet	
P/N	GAS
ZBOX-GVA-O	OXYGEN
ZBOX-GVA-A4	AIR



Adapter with one DIN 13260-2 socket and plastic box c/w barb end inlet	
P/N	GAS
ZBOX-GV-O	OXYGEN
ZBOX-GV-A4	AIR

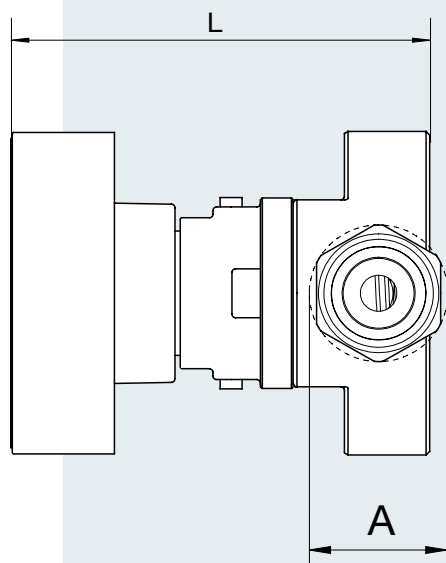
Adapter c/w UNI 9507 socket F1/8" thread inlet			
P/N	A	L	GAS
AGT-F1/8-O	1/8"	70	OXYGEN
AGT-F1/8-V	1/8"	70	VACUUM
AGT-F1/8-A4	1/8"	70	AIR
AGT-F1/8-P	1/8"	70	NITROUS OXIDE



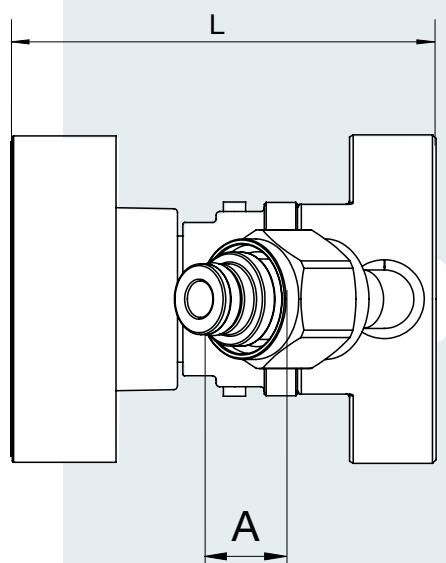


ADAPTERS FOR AIRCRAFTS AND HELICOPTERS

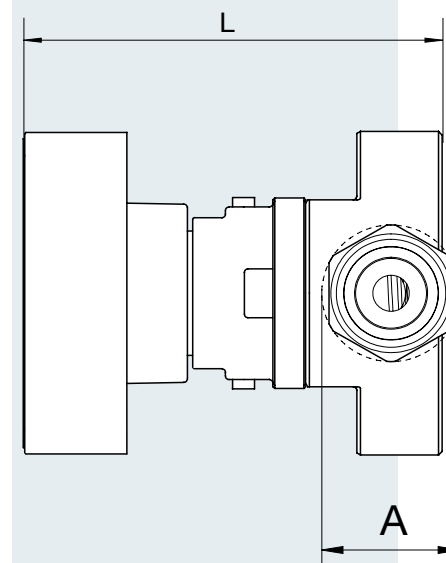
Materials:
Brass EN 12164 - CuZn39Pb3
EPDM-PEROX
AISI
ABS/POM
Aluminium



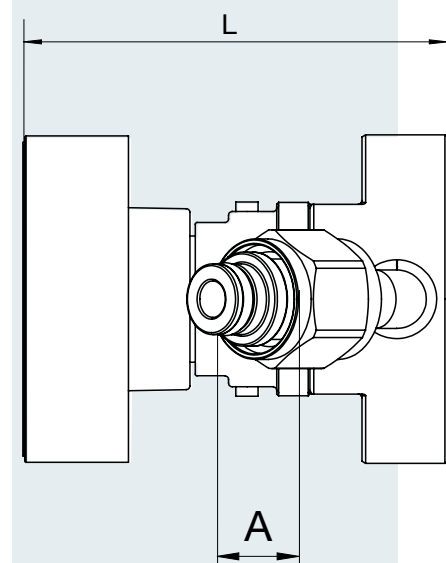
Adapter c/w SS 8752430 socket and 90° inlet F9/16" UNF			
P/N	A	L	GAS
AGTA-F9/16-O	9/16"	57,4	OXYGEN



Adapter c/w SS 8752430 socket and 45° inlet F9/16" UNF			
P/N	A	L	GAS
AGTA-F9/16-O/1	9/16"	57,4	OXYGEN



Adapter c/w BS 5682:2015 socket and 90° inlet F9/16" UNF			
P/N	A	L	GAS
AGTB-F9/16-O	9/16"	57,4	OXYGEN



Adapter c/w BS 5682:2015 socket and 45° inlet F9/16" UNF			
P/N	A	L	GAS
AGTB-F9/16-O/1	9/16"	57,4	OXYGEN





MINI SOCKET FOR FLOW-METER

DIN mini socket male threaded

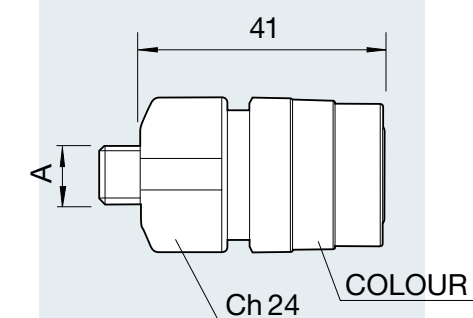
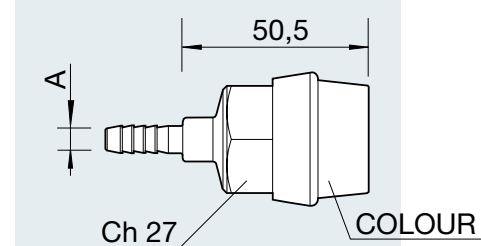
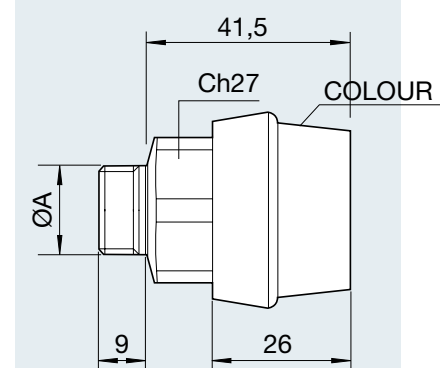
P/N	ØA	GAS	COLOUR
VGTD-O-M1/4	1/4"	OXYGEN	WHITE
VGTD-O-M1/4/01		OXYGEN	BLACK
VGTD-A4-M1/4	1/4"	AIR	BLACK
VGTD-V-M1/4	1/4"	VACUUM	YELLOW
VGTD-V-M1/4/001		VACUUM	BLACK
VGTD-P-M1/4	1/4"	NITROUS OXIDE	BLUE
VGTD-C-M1/4	1/4"	CARBON DIOXIDE	GREY
VGTD-O-M3/8	3/8"	OXYGEN	WHITE

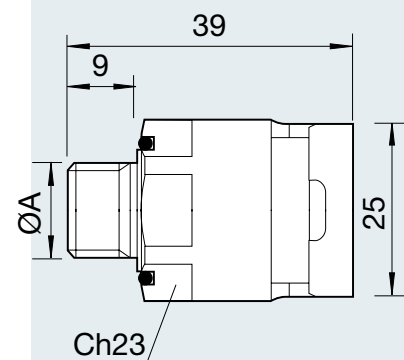
DIN mini socket with barb end

P/N	A	GAS	COLOUR
VGTD-O-PG6	6	OXYGEN	WHITE
VGTD-A4-PG6	6	AIR	BLACK

SS mini socket male threaded

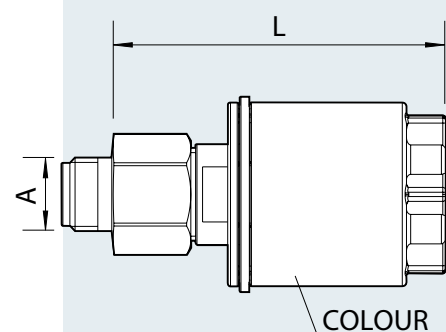
P/N	A	GAS	COLOUR
VGTA-O-M10X1	M10X1	OXYGEN	WHITE
VGTA-A4-M10X1	M10X1	AIR	BLACK
VGTA-P-M10X1	M10X1	NITROUS OXIDE	BLUE
VGTA-C-M10X1	M10X1	CARBON DIOXIDE	GREY
VGTA-O-M1/4	1/4"	OXYGEN	WHITE
VGTA-O-M1/4/001	1/4"	OXYGEN	BLACK
VGTA-A4-M1/4	1/4"	AIR	BLACK
VGTA-V-M1/4	1/4"	VACUUM	YELLOW





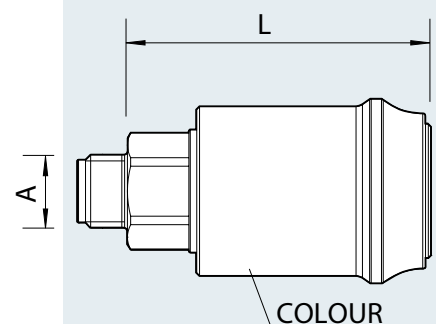
AFNOR mini socket male threaded

P/N	B	ØA	GAS
VGTF-O-M1/4	6,5	1/4"	OXYGEN
VGTF-A4-M1/4	6,5	1/4"	AIR
VGTF-O-M3/8	10	3/8"	OXYGEN
VGTF-A4-M3/8	10	3/8"	AIR
VGTF-V-M3/8	10	3/8"	VACUUM



BS mini socket male threaded

P/N	A	L	GAS	COLOUR
VGTTBS-O-M1/4/V	1/4"	60	OXYGEN	WHITE
VGTTBS-O-M1/4/V/1	1/4"	60	OXYGEN	BLACK



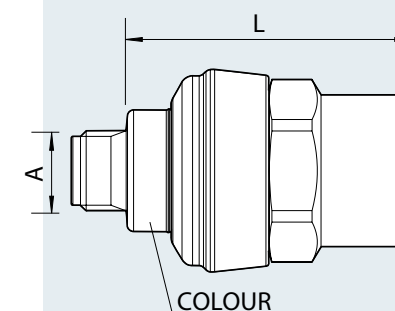
JIS mini socket male threaded

P/N	A	L	GAS	COLOUR
VGTTJS-O-M1/4	1/4"	54,5	OXYGEN	WHITE
VGTTJS-O-M1/4/01	1/4"	54,5	OXYGEN	BLACK



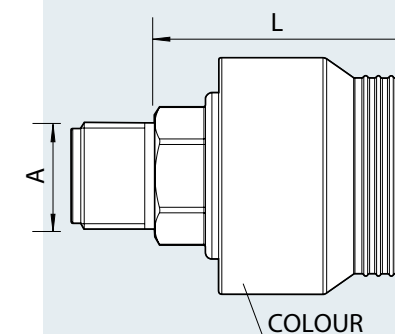
AS mini socket male threaded

P/N	A	L	GAS	COLOUR
VGTTAS-O-M1/4	1/4"	47	OXYGEN	WHITE
VGTTAS-O-M1/4/01	1/4"	47	OXYGEN	BLACK



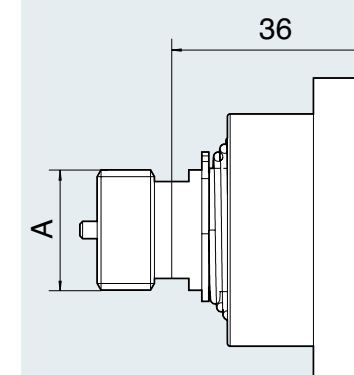
UNI mini socket male threaded

P/N	A	L	GAS	COLOUR
VGTTI60-O-M1/4	1/4"	56	OXYGEN	WHITE
VGTTI60-O-M3/8	3/8"	41	OXYGEN	BLACK
VGTTI60-O-M1/4/1	1/4"	56	OXYGEN	BLACK



ENV737 mini socket male threaded

P/N	A	GAS
VGTE-O-M1/2	1/2"	OXYGEN
VGTE-V-M1/2	1/2"	VACUUM
VGTE-A4-M1/2	1/2"	AIR
VGTE-P-M1/2	1/2"	NITROUS OXIDE



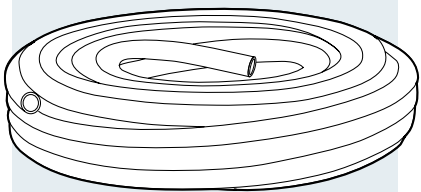
FLEXIBLE HOSES FOR MEDICAL GAS



Flexible hose for EN ISO 5359 assemblies

P/N	DISTINCTIVE COLOUR	GAS
NTPB6X12-O	WHITE	OXYGEN
NTPB8X14-V	YELLOW	VACUUM
NTPB6X12-A4	WHITE-BLACK	AIR
NTPB6X12-P	BLUE	NITROUS OXIDE
NTPB6X12-C	GREY	CARBON DIOXIDE
NTPB6X12-A8	WHITE-BLACK	AIR - 800
NTPB6X12-OA	WHITE-BLACK	OXYGEN - AIR
NTPB6X12-NC	BLACK	-

50 meters coil. Without DEHP.



NOTE:

This image shows a full page of blank graph paper. The grid consists of small, uniform squares formed by thin, light gray lines. There are no margins, text, or other markings on the page.

NOTE:

This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.

PRESBLOCK

www.presblock.com

Pres Block S.p.A.

Via Alpignano, 151 - 155
10040 Caselette (TO) Italia
tel +39 011.9688055
fax +39 011.9688668