

AP MODULAR PIPING SYSTEM

This product patented by Teseo is the result of years of research and experience in installing thousands of distribution systems made up of aluminium profiles all over the world. AP is suitable for compressed air distribution lines or for main line drops.

The following advantages stand out:

- Easy and quick to assemble, no special tools required, it can be assembled without special skills.
- Its simple section is symmetric and can be used on all the sides. Easy to cut and bend.
- Equipped with numerous accessories which are designed of simple modular elements compatible both with the present HBS system and steel pipes with "Gas" BSP or NPT threads.
- A very competitive price, thanks to the quick mounting, AP is more convenient than a traditional piping system.

EASY TO ASSEMBLE

DEBURRING



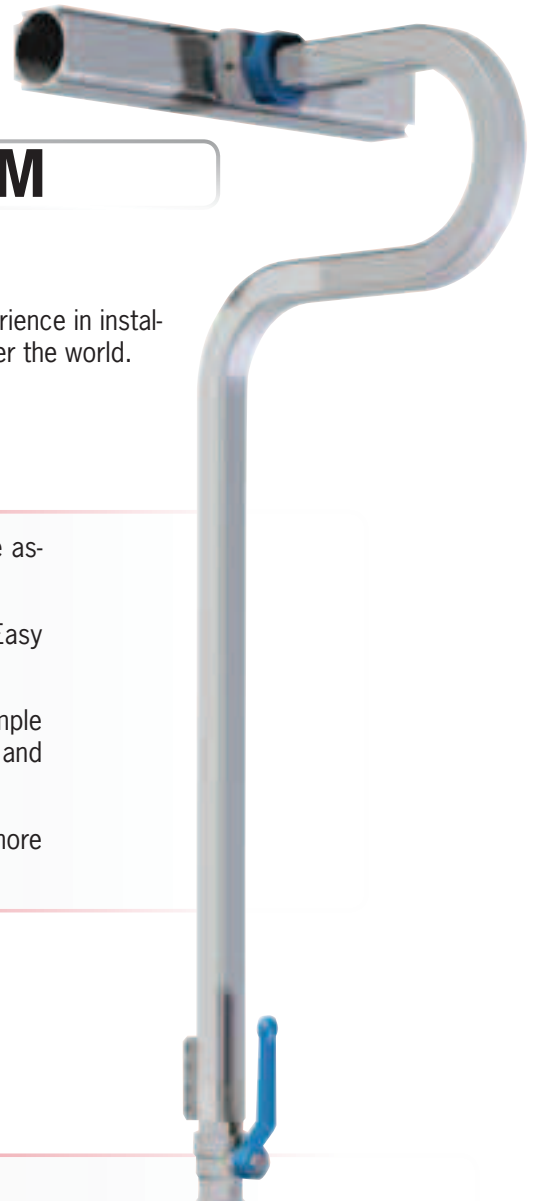
MOUNTING



ASSEMBLING



TIGHTENING



BLUE DESIGN

The new generation of “blue” in **TESEO** is the result of the modification and the improvement of all the Teseo systems. Our continuous research into **Energy Saving** together with a high regard for the **Design** ruled our technical choices. We studied the internal passages and the thicknesses to increase the flow rate.

Double seats for the O-rings and high quality NBR **Blue O-Rings**, manufactured for Teseo, are applied to all the connections for a better sealing.

Ergonomics of the complete system has been improved thanks to optimization of the shapes and weights. Precision manufacturing carried out on many components improves the outer finishing and removes the die-casting defects.

Outlet plates plates have been re designed with new moulds, to improve quality and accuracy. The blocking parts have been analyzed and improved.

The implementation of accessories and components is continuous.

Teseo are sourcing **New certifications** and international confirmation.

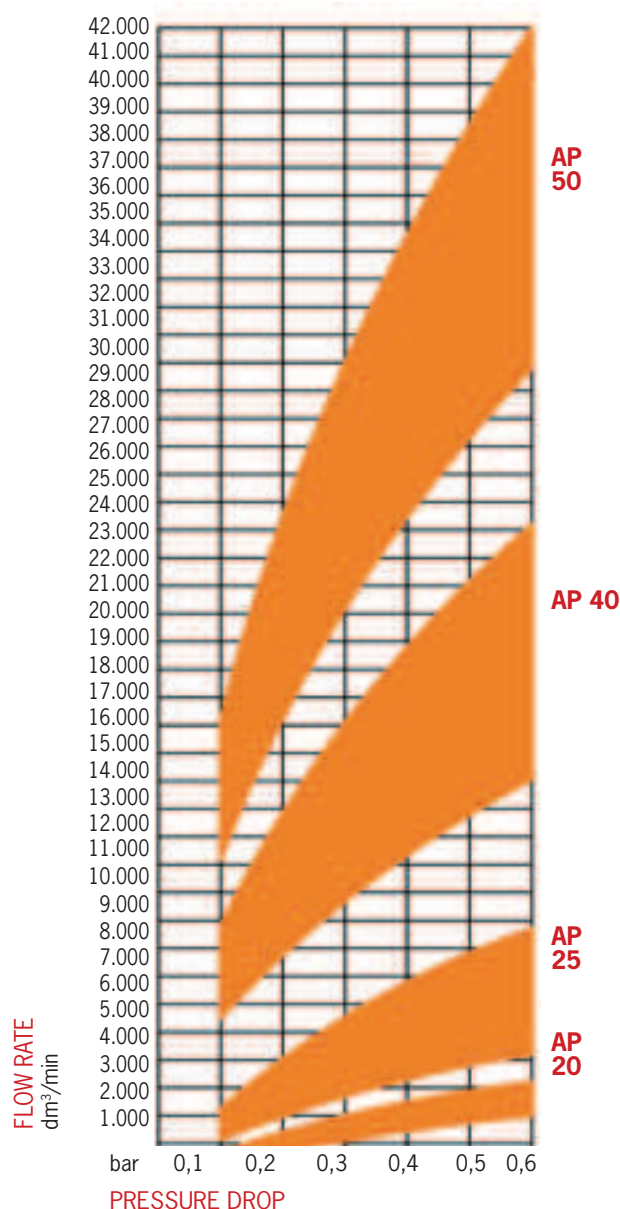


Indicative diagram for the choice of the AP diameter according to compressor installed max power

Compressor power	AP diameter	Indicative flow rate (L 30m - 6 bar - Δp 3%)
kW	mm	NI/min
11	20	1.650
19	25	2.900
67	40	10.000
110	50	16.400



Indicative diagrams of compressed air flow rates and related pressure drops in a line 30 m long (20°C - 1013 mbar). The data used has been provided by the POLYTECHNIC INSTITUTE OF TURIN. See online software (page 9)



AIR PRESSURE 6→12 bar 0,6→1,2 MPa 87→174 psi

TECHNICAL CHARACTERISTICS

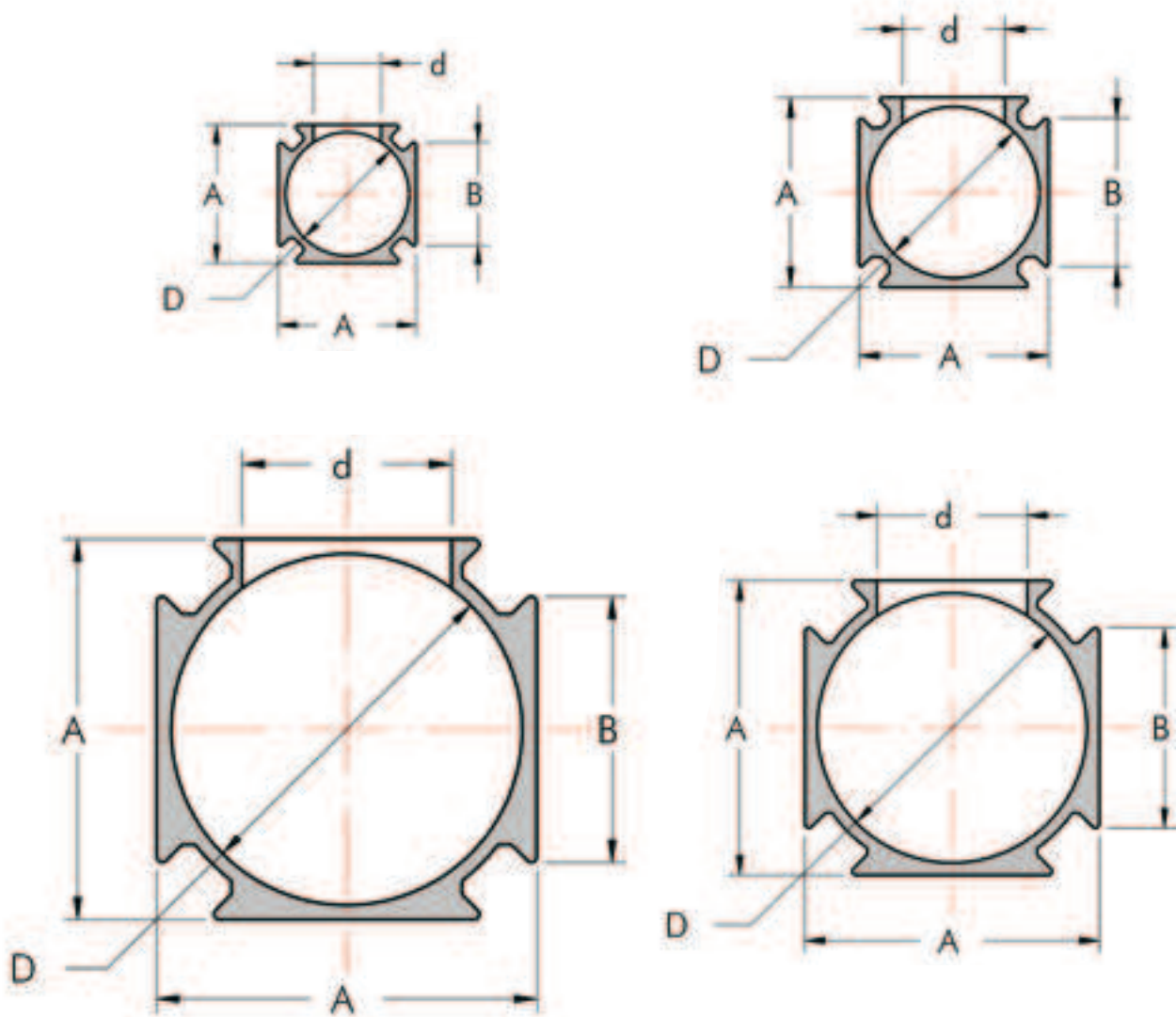
Extruded Aluminium.....	Alloy EN AW 6060 UNI EN 573-3:1996
International designations.....	ANSI 6060 - DIN 1748/1: AlmNsl 0,5 BS 6060
Chemical composition.....	Si: 0,45% - Mg: 0,45% - Fe: 0,3%
Heat treatment.....	Aging T5 o T6
Surface treatment (upon request)	Chemical silver anodization
Specific weight, density	Kg/dm³ 2,71
Electrical conductivity	% IACS 53
Thermal Conductivity	W/m.K 200
Specific heat.....	J/Kg.K 96
Coefficient of expansion.....	mm/m °C 0,024
Tensile strength.....	Kg/mm² 24
Yield strength.....	Kg/mm² 20
Modulus of elasticity.....	Kg/mm² 6.700
Brinell hardness	HB 70÷80
Melting range	°C 600-650
O-ring material	NBR 70
Operating temperature	°C -20/+120
Screw material	Steel Class 8.8
M5 Screw driving torque.....	10 N·m (90 Inch·Lbs) ± 10%
M6 Screw driving torque.....	14 N·m (120 Inch·Lbs) ± 10%
Outlet thread.....	BSP or NPT
Terminal thread	BSP or NPT
Max operating pressure	15 bar - 1,5 MPa - 217 psi
Powering multfluid, max operating pressure.....	25 bar - 2,5 MPa - 362 psi
Failure test pressure.....	80 bar - 8 MPa - 1160 psi

Compatibility with fluids

Compressed air, Vacuum, Argon, Nitrogen, Carbon dioxide, Mineral oil*, Synthetic oil*, Other fluids*

*WARNING!

For further information, please contact Teseo srl technical department.

PROFILES SECTION OVER VIEW

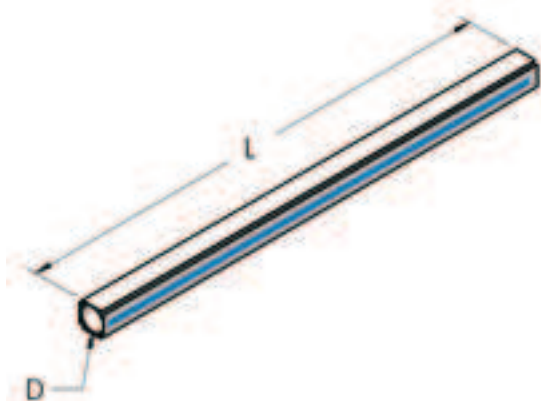
AP


SIZE DIMENSIONS






AP	Dimensions			Max hole	Weight	Moment of inertia		Inner volume
D mm	A mm	B mm	d mm	P g/m	Jx cm ⁴	Jy cm ⁴	V l/m	
20	22,4	16,4	11	360	0,90	0,90	0,32	
25	28	21,5	15	590	2,20	2,20	0,5	
40	45	31	22	1170	11,00	11,00	1,3	
50	55	38	30	1690	23,70	23,70	2	

NATURAL ALUMINIUM EXTRUDED PIPE

POW

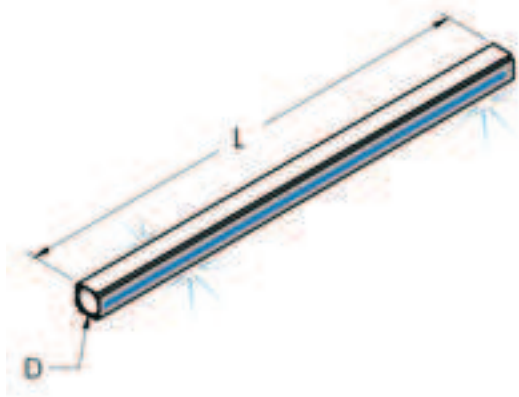







D mm	L m	Part. no.	P kg	 n°	
20	5	800 020 500	1,9	100	
25	5	800 025 500	3	64	
40	5	800 040 500	5,8	36	
50	5	800 050 500	8,4	16	






D mm	L m	Part. no.	P kg	 n°	
20	2,5	800 020 250	0,95	100	
25	2,5	800 025 250	1,5	64	
40	2,5	800 040 250	2,9	36	
50	2,5	800 050 250	4,2	16	

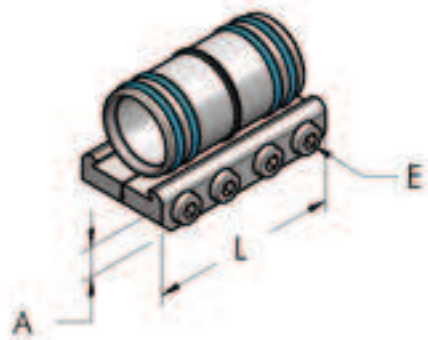
ANODIZED ALUMINIUM EXTRUDED PIPE

POW

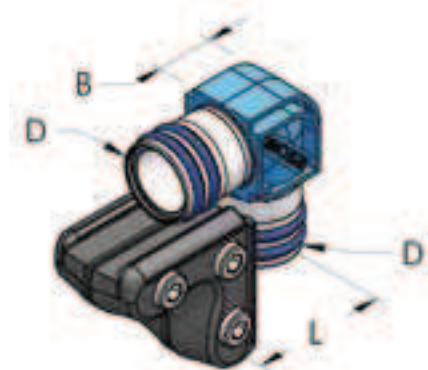




D mm	L m	Part. no.	P kg	 n°	
20	5	801 020 500	1,9	100	
25	5	801 025 500	3	64	
40	5	801 040 500	5,8	36	
50	5	801 050 500	8,4	16	

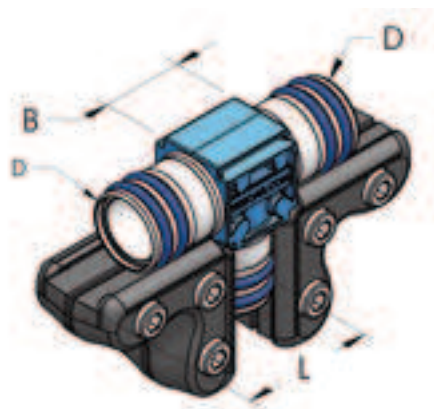
D mm	L m	Part. no.	P kg	 n°	
20	2,5	801 020 250	0,95	100	
25	2,5	801 025 250	1,5	64	
40	2,5	801 040 250	2,9	36	
50	2,5	801 050 250	4,2	16	



STRAIGHT JOINT, COMPLETE**POW**

D mm	L mm	A mm	E mm	Part. no.	P g	n°	
20	46	9	4	006 020 020	39	10	
25	60	10	4	006 025 020	86	10	
40	80	12	5	006 040 020	200	10	
50	150	12	5	006 050 020	395	10	

L JOINT, COMPLETE

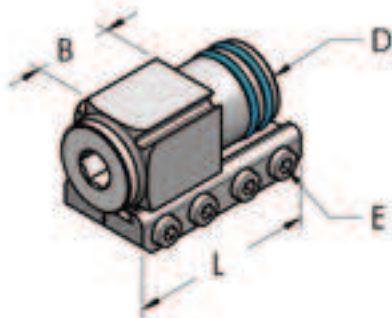
D mm	L mm	B mm	Part. no.	P g	n°	
20	40	22	006 020 022	90	10	
25	50	30	006 025 022	135	10	
40	75	100	006 040 022	430	10	
50	100	150	006 050 022	780	10	

T JOINT, COMPLETE

D mm	L mm	B mm	Part. no.	P g	n°	
20	40	24	006 020 024	150	10	
25	50	30	006 025 024	240	10	
40	75	160	006 040 024	730	10	
50	100	245	006 050 024	1325	10	

CLOSED TERMINAL, COMPLETE

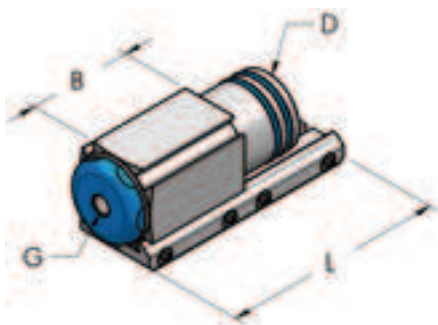
POW



D mm	L mm	E mm	B mm	Part. no.	P g	n°	
20	46	4	24	006 020 026	70	10	
25	60	4	28	006 025 026	125	10	
40	80	5	35	006 040 026	300	10	
50	150	5	75	006 050 026	710	10	

TERMINAL WITH THREADED HOLE, COMPLETE

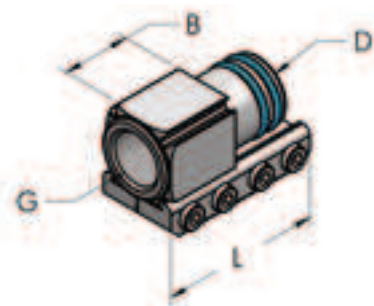
POW



D mm	G	L mm	B mm	Part. no.	P g	n°	
40	1/8" - BSP	80	35	006 040 015	295	10	
40	3/8" - BSP	80	35	006 040 016	290	10	
40	1/2" - BSP	80	35	006 040 017	280	10	
40	3/4" - BSP	80	35	006 040 018	270	10	
40	1/4" - BSP	80	35	006 040 025	260	10	
50	1/8" - BSP	150	75	006 050 015	705	10	
50	1/2" - BSP	150	75	006 050 017	690	10	
50	3/4" - BSP	150	75	006 050 018	670	10	
50	1" - BSP	150	75	006 050 019	655	10	
50	1/4" - BSP	150	75	006 050 025	700	10	

TERMINAL THREADED FEMALE, COMPLETE

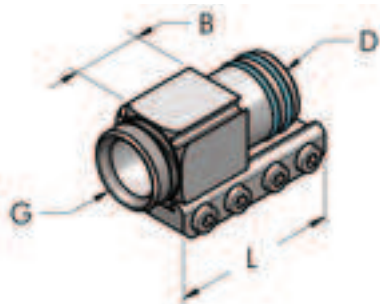
POW



D mm	G	L mm	B mm	Part. no.	P g	n°	
20	3/8" - BSP	46	24	006 020 028	54	10	
25	1/2" - BSP	60	28	006 025 028	105	10	
40	1" - BSP	80	35	006 040 027	260	10	
50	1"1/4 - BSP	150	75	006 050 027	615	10	
50	1"1/2 - BSP	150	75	006 050 028	565	10	

TERMINAL THREADED MALE, COMPLETE

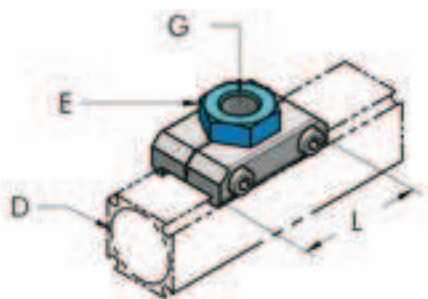
POW






D mm	G	L mm	B mm	Part. no.	P g	n°	
20	1/2" - BSP	46	24	006 020 030	57	10	
25	3/4" - BSP	60	28	006 025 030	110	10	
40	1 1/4" - BSP	80	35	006 040 029	245	10	
50	1 1/2" - BSP	150	75	006 050 029	655	10	

FEMALE OUTLET PLATE, COMPLETE

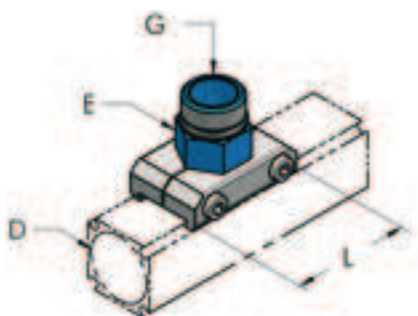
POW








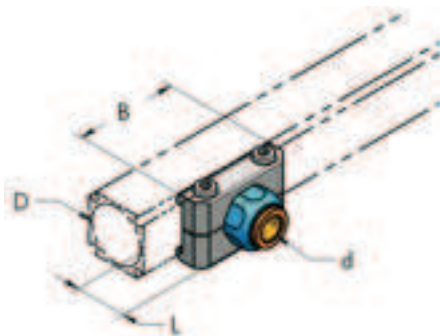
D mm	G	L mm	E mm	Part. no.	P g	n°	
20	1/4" - BSP	46	22	006 020 033	36	10	
20	3/8" - BSP	46	22	006 020 034	40	10	
25	1/4" - BSP	46	22	006 025 033	37	10	
25	3/8" - BSP	46	22	006 025 034	46	10	
25	1/2" - BSP	46	30	006 025 035	55	10	
40	1/8" - BSP	70	36	006 040 032	148	10	
40	1/4" - BSP	70	36	006 040 033	140	10	
40	3/8" - BSP	70	36	006 040 034	135	10	
40	1/2" - BSP	70	36	006 040 035	130	10	
40	3/4" - BSP	70	36	006 040 036	120	10	
50	1/4" - BSP	74	50	006 050 033	195	10	
50	1/2" - BSP	74	50	006 050 034	190	10	
50	3/4" - BSP	74	50	006 050 035	215	10	
50	1" - BSP	74	50	006 050 036	195	10	

MALE OUTLET PLATE, COMPLETE

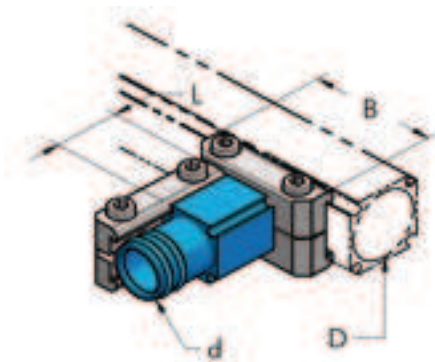
POW



D mm	G	L mm	E mm	Part. no.	P g	n°	
20	3/8" - BSP	46	22	006 020 063	36	10	
25	1/2" - BSP	46	22	006 025 064	49	10	
40	1/2" - BSP	70	36	006 040 062	135	10	
40	3/4" - BSP	70	36	006 040 063	140	10	
40	1" - BSP	70	36	006 040 064	140	10	
50	3/4" - BSP	74	50	006 050 063	190	10	
50	1" - BSP	74	50	006 050 064	185	10	
50	1 1/4" - BSP	74	50	006 050 065	190	10	
50	1 1/2" - BSP	74	50	006 050 066	195	10	

OUTLET PLATE WITH QUICKFIT, COMPLETE


D mm	d mm	B mm	L mm	Part. no.	P g	n°	
20	8	46	23	006 020 084	112	10	
20	10	46	26	006 020 085	190	10	
25	8	46	23	006 025 084	235	10	
25	10	46	23	006 025 085	246	10	
40	10	70	23	006 040 085	318	10	
40	12	70	26	006 040 086	370	10	

REDUCTION PLATE, COMPLETE


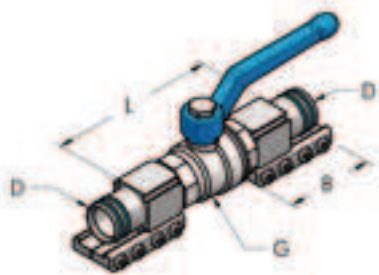
D mm	d mm	B mm	L mm	Part. no.	P g	n°	
25	20	46	24	006 020 039	112	10	
40	20	70	24	006 040 037	190	10	
40	25	70	28	006 040 038	235	10	
50	40	74	35	006 040 039	370	10	
50	20	74	35	006 050 038	318	10	
50	25	74	60	006 050 039	370	10	






FLEXIBLE PIPE FOR CONNECTION TO COMPRESSOR FOR COMPRESSED AIR (15 BAR)

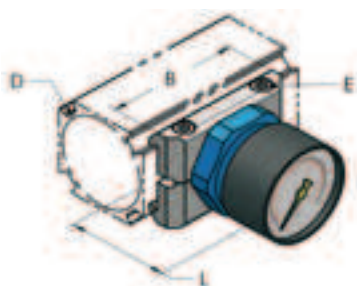

D mm	G	L mm	d mm	Part. no.	P g	n°	
20	1/2" - BSP	700	30	006 020 058	500	1	
25	3/4" - BSP	700	35	006 025 058	750	1	
40	1"1/4" - BSP	1000	50	006 040 058	3000	1	
50	2" - BSP	1000	65	006 050 058	4075	1	

FLEXIBLE JOINT FOR AP-AP CONNECTION FOR COMPRESSED AIR (15 BAR)

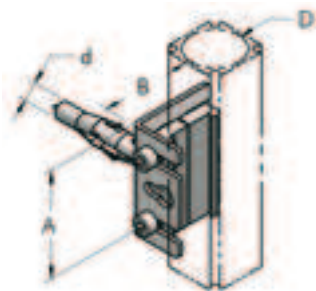

D mm	M mm	L mm	d mm	Part. no.	P g	n°	
20	20	700	30	006 020 059	510	1	
25	25	700	35	006 025 059	830	1	
40	40	1000	50	006 040 059	3050	1	
50	50	1000	65	006 050 059	4300	1	


BALL VALVE, COMPLETE

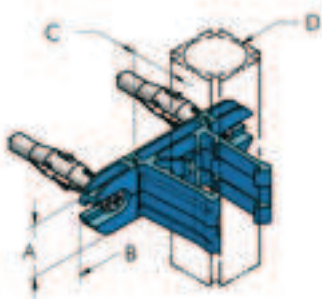
D mm	G	L mm	B mm	Part. no.	P g	n°	
20	1/2" - BSP	100	46	006 020 046	290	10	
25	3/4" - BSP	118	56	006 025 046	500	10	
40	1"1/4 - BSP	150	70	006 040 046	1250	10	
50	1"1/2 - BSP	245	150	006 050 046	2450	10	


MANOMETER, COMPLETE

D mm	L mm	B mm	E mm	Part. no.	P g	n°	
20	58	46	4	006 020 048	70	10	
25	52	56	4	006 025 048	75	10	
40	58	70	5	006 040 048	174	10	
50	58	74	5	006 050 048	230	10	

L PLATE, COMPLETE**POW**

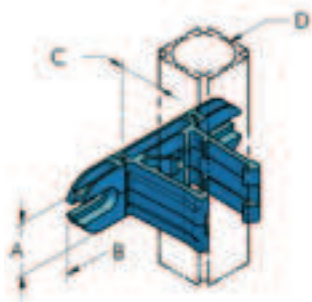
D mm	d mm	A mm	B mm	Part. no.	P g	n°	
20	8	50	40	006 020 040	70	10	
25	8	50	40	006 025 040	75	10	
40	8	80	60	006 040 040	140	10	
50	8	80	60	006 050 040	160	10	

SNAP CLAMP, COMPLETE**POW**

D mm	A mm	B mm	C mm	Part. no.	P g	n°	
20	20	70	20	006 020 041	17	10	
25	25	88	17	006 025 041	25	10	
40	40	135	43	006 040 041	175	10	
50	50	150	40	006 050 041	213	10	

SNAP CLAMP

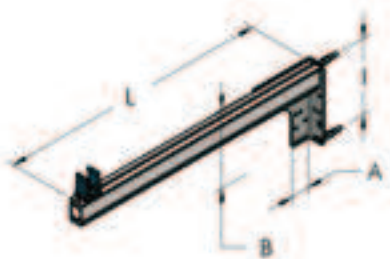
POW



D mm	A mm	B mm	C mm	Part. no.	P g	n°	
20	20	70	20	006 020 042	17	10	
25	25	88	17	006 025 042	25	10	
40	40	135	43	006 040 042	140	10	
50	50	150	40	006 050 042	174	10	

SUPPORT BRACKET, COMPLETE

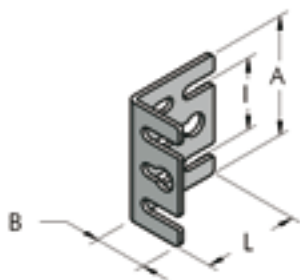
POW



A mm	B mm	L mm	I mm	Part. no.	P g	n°	
136	174	600	140	006 020 070	1300	10	
136	174	600	140	006 025 070	1300	10	
136	174	600	140	006 040 070	1400	10	
136	174	600	140	006 050 070	1450	10	

L PLATE IN GALVANIZED STEEL

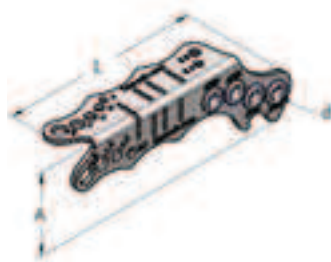
POW



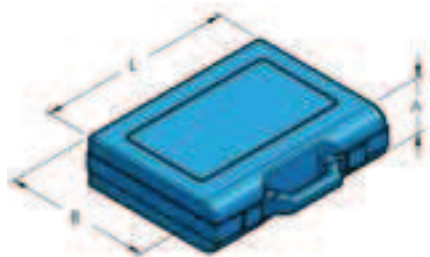
A mm	B mm	I mm	L mm	Part. no.	P g	n°	
50	25	30	40	732 020 050	37	10	
66	35	50	47	732 066 080	60	10	


DRILLING JIG AP

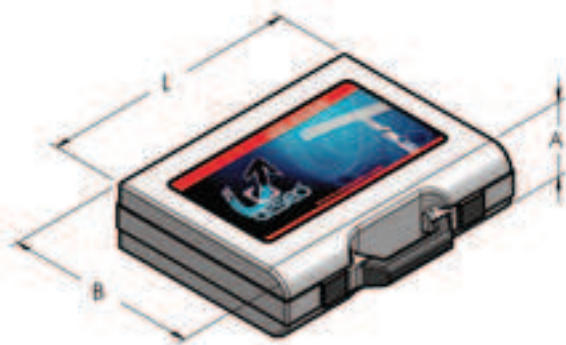
POW




A mm	d mm	L mm	Part. no.	P g	n°	
45	6	136	911 020 050	90	1	

BASIC TOOLS BOX

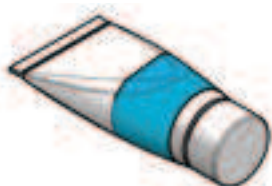
A mm	B mm	L mm	Part. no.	P g	n°	
50	190	240	006 020 092	600	1	


DEMO SUIT-CASE

A mm	B mm	L mm	Part. no.	P g	n°	
80	340	440	006 020 090	3700	1	

VASELINE GREASE**POW**

Part. no.	P g	n°	
111 003 100	850	20	
111 003 010	100	20	

PTFE BLUE GREASE**POW**

Part. no.	P g	n°	
114 003 005	50	20	



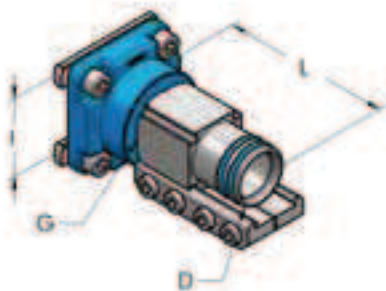
CREATE YOUR DROP COLUMN

- A - Confirm the characteristics of your main line and of the secondary lines that derive from it, to define a components list.
- B - Study the route from the main line that the secondary lines has to take and choose the components and pipework needed.
- C - Define the types of end of line attachments required and choose the appropriate components.
- D - Verify the pipework's route from B to C and choose the quantity of pipework and the components needed.

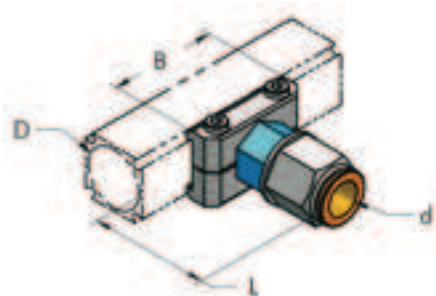
A	pages 45-46-51
B	pages 42-43-46-51-52
C	pages 42-43-44-45-47-51
D	pages 42-43


REDUCTION PLATE HBS - AP, COMPLETE

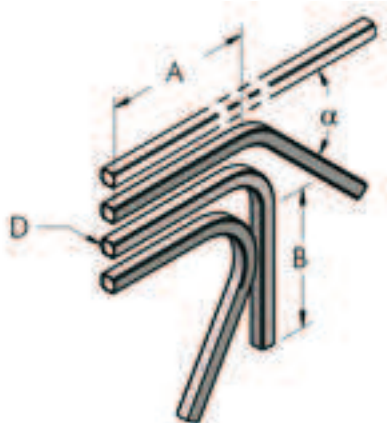
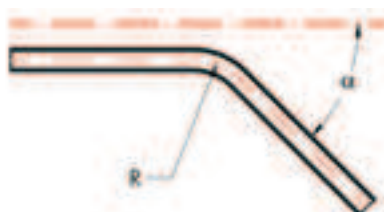
HBS






















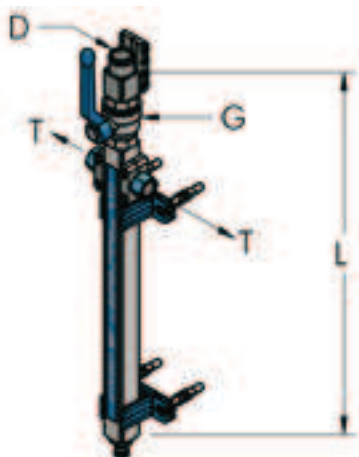
D mm	G	I mm	L mm	Part. no.	P g	n°	
20	1/2" - BSP	36	49	006 020 037	180	1	
20	1/2" - BSP	60	54	006 020 038	190	1	
25	3/4" - BSP	36	49	006 025 037	310	1	
25	3/4" - BSP	60	54	006 025 038	340	1	
40	1 1/4" - BSP	60	70	006 040 060	750	1	
50	1 1/2" - BSP	60	105	006 050 037	820	1	


OUTLET PLATE WITH D14 QUICKFIT, COMPLETE

D mm	d mm	B mm	L mm	Part. no.	P g	n°	
20	14	46	51	006 020 134	95	20	
25	14	56	52	006 025 134	100	20	
40	14	70	50	006 040 134	190	20	
50	14	74	50	006 050 134	240	20	

SPECIAL ANGLE CURVED PIPE

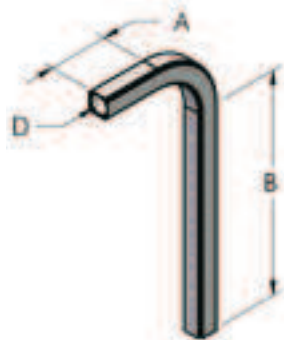
D mm	A mm	B mm	R mm	α°	Part. no.	P Kg	n°	
20	220	250	77	30	804 020 047	0,2	5	
20	220	230	77	45	804 020 048	0,2	5	
20	220	210	77	60	804 020 049	0,2	5	
20	160	200	77	120	804 020 057	0,2	5	
20	160	180	77	135	804 020 058	0,2	5	
20	160	160	77	150	804 020 059	0,2	5	
25	220	240	77	30	804 025 047	0,3	5	
25	220	220	77	45	804 025 048	0,3	5	
25	220	200	77	60	804 025 049	0,3	5	
25	160	180	77	120	804 025 057	0,3	5	
25	160	160	77	135	804 025 058	0,3	5	
25	160	140	77	150	804 025 059	0,3	5	
40	190	220	150	30	804 040 047	0,7	5	
40	190	190	150	45	804 040 048	0,7	5	
40	190	160	150	60	804 040 049	0,7	5	
50	190	220	150	30	804 050 047	1	5	
50	190	190	150	45	804 050 048	1	5	
50	190	160	150	60	804 050 049	1	5	

DROP COLUMN MANIFOLD COMPLETE WITH ACCESSORIES

D mm	L mm	G	T	Part. no.	P g	n°	
20	440	1/2" - BSP	3/8" - BSP	006 020 055	680	1	
25	440	3/4" - BSP	3/8" - BSP	006 025 055	1060	1	

90° CURVED PIPE

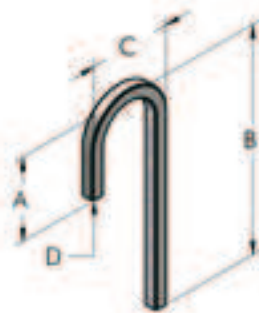
POW



D mm	A mm	B mm	R mm	Part. no.	P Kg	n°	
20	80	320	77	804 020 050	0,2	5	
20	310	580	77	804 020 100	0,4	5	
20	370	2020	77	804 020 250	0,9	5	
25	70	300	77	804 025 050	0,3	5	
25	310	570	77	804 025 100	0,6	5	
25	370	2010	77	804 025 250	1,5	5	
40	135	240	150	804 040 050	1	5	
50	135	240	150	804 050 050	1,05	5	

180° CURVED PIPE

POW



D mm	A mm	B mm	C mm	Part. no.	P Kg	n°	
20	80	310	176	804 020 060	0,25	5	
20	90	1210	176	804 020 149	0,55	5	
25	100	260	182	804 025 060	0,4	5	
25	110	1160	182	804 025 149	0,9	5	

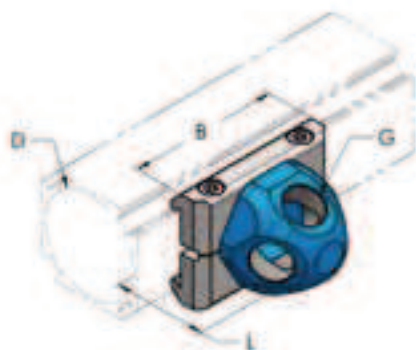
180°-90° CURVED PIPE

POW

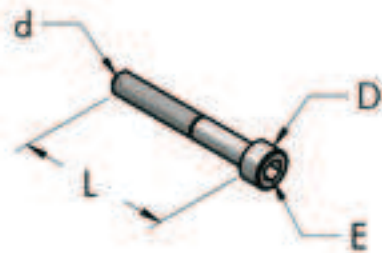


D mm	A mm	B mm	C mm	R mm	Part. no.	P Kg	n°	
20	1086	296	176	77	804 020 148	0,95	5	
25	1000	302	182	77	804 025 148	1,5	5	

4 HOLES FEMALE OUTLET PLATE, COMPLETE



D mm	B mm	L mm	G	Part. no.	P g	n°	
50	74	47	3/8" - BSP	006 050 053	200	10	
50	74	47	1/2" - BSP	006 050 054	190	10	

ALLEN SCREW, IN GALVANIZED STEEL

d mm	L mm	D mm	E mm	Part. no.	P g	n°
M5	20	8,5	4	212 005 020	4	20
M5	25	8,5	4	212 005 025	5	20
M6	35	10	5	212 006 035	10	20
M6	45	10	5	212 006 045	14	20

O-RING SEAL IN NBR70

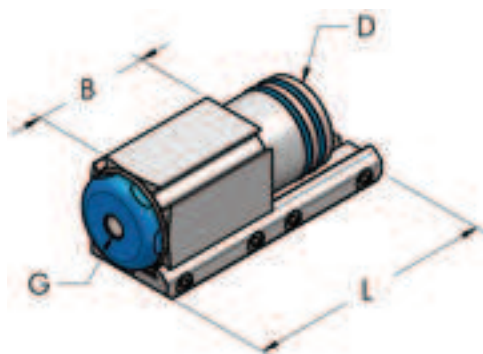
D mm	d mm	Code AS/BS NORM	Part. no.	P g	n°
16	1,78	2050 - 014	271 012 002	0,1	10
20	1,78	2062 - 014	271 016 002	0,15	10
20	2	0160 - 02	271 017 002	0,2	100
25	1,78	2081 - 019	271 020 002	0,22	10
25	2	0210 - 02	271 021 002	0,8	100
40	3	0350 - 03	271 035 003	1,1	10
50	2,62	3175 - 132	271 044 003	1	10
50	3	0440 - 03	271 043 003	1,3	100

15 BAR ADHESIVE COLOUR STICKERS

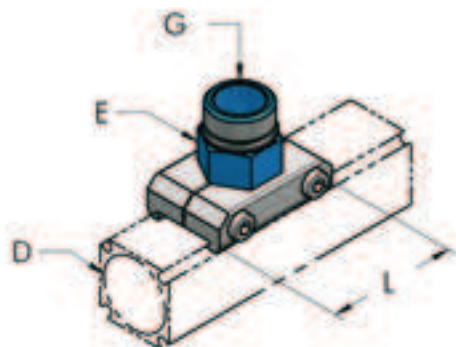
HBS



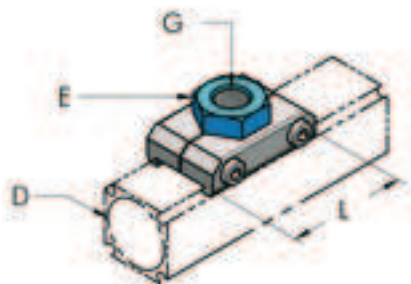
L mm	B mm	Colour	Part. no.	P g	n°
310	15	Blue RAL 5015	104 015 310	29	11
310	15	Green RAL 6029	104 015 315	29	11
310	15	Brown RAL 8003	104 015 316	29	11
310	15	Grey RAL 7000	104 015 317	29	11
310	15	Red RAL 3020	104 015 318	29	11
310	15	Yellow RAL 1028	104 015 319	29	11
310	28	Blue RAL 5015	104 025 150	29	11
310	28	Green RAL 6029	104 028 315	29	11
310	28	Brown RAL 8003	104 028 316	29	11
310	28	Grey RAL 7000	104 028 317	29	11
310	28	Red RAL 3020	104 028 318	29	11
310	28	Yellow RAL 1028	104 028 319	29	11

TERMINAL WITH THREADED HOLE, COMPLETE
POW


D mm	G	L mm	B mm	Part. no.	P g	n°	
40	1/8" - NPT	80	35	006 040 415	295	10	
40	3/8" - NPT	80	35	006 040 416	290	10	
40	1/2" - NPT	80	35	006 040 417	280	10	
40	3/4" - NPT	80	35	006 040 418	270	10	
40	1/4" - NPT	80	35	006 040 425	260	10	
50	1/8" - NPT	150	75	006 050 415	705	10	
50	1/2" - NPT	150	75	006 050 417	690	10	
50	3/4" - NPT	150	75	006 050 418	670	10	
50	1" - NPT	150	75	006 050 419	655	10	
50	1/4" - NPT	150	75	006 050 425	700	10	

MALE OUTLET PLATE, COMPLETE
POW


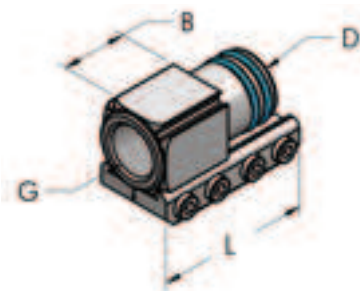
D mm	G	L mm	E mm	Part. no.	P g	n°	
20	3/8" - NPT	46	22	006 020 463	36	10	
25	1/2" - NPT	46	22	006 025 464	49	10	
40	1/2" - NPT	70	36	006 040 462	135	10	
40	3/4" - NPT	70	36	006 040 463	140	10	
40	1" - NPT	70	36	006 040 464	140	10	
50	3/4" - NPT	74	50	006 050 463	190	10	
50	1" - NPT	74	50	006 050 464	185	10	
50	1 1/4" - NPT	74	50	006 050 465	190	10	
50	1 1/2" - NPT	74	50	006 050 466	195	10	




FEMALE OUTLET PLATE, COMPLETE
POW


D mm	G	L mm	E mm	Part. no.	P g	n°	
20	1/4" - NPT	46	22	006 020 433	36	10	
20	3/8" - NPT	46	22	006 020 434	40	10	
25	1/4" - NPT	46	22	006 025 433	37	10	
25	3/8" - NPT	46	22	006 025 434	46	10	
25	1/2" - NPT	46	30	006 025 435	55	10	
40	1/8" - NPT	70	36	006 040 432	148	10	
40	1/4" - NPT	70	36	006 040 433	140	10	
40	3/8" - NPT	70	36	006 040 434	135	10	
40	1/2" - NPT	70	36	006 040 435	130	10	
40	3/4" - NPT	70	36	006 040 436	120	10	
50	1/4" - NPT	74	50	006 050 433	195	10	
50	1/2" - NPT	74	50	006 050 434	190	10	
50	3/4" - NPT	74	50	006 050 435	215	10	
50	1" - NPT	74	50	006 050 436	195	10	

TERMINAL THREADED FEMALE, COMPLETE

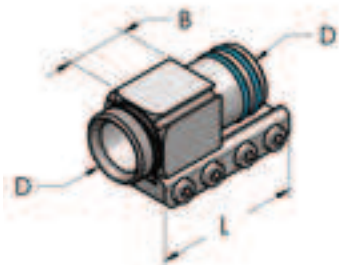
POW



D mm	G	L mm	B mm	Part. no.	P g	n°	
20	3/8" - NPT	46	24	006 020 428	54	10	
25	1/2" - NPT	60	28	006 025 428	105	10	
40	1" - NPT	80	35	006 040 427	260	10	
50	1 1/4" - NPT	150	75	006 050 427	615	10	
50	1 1/2" - NPT	150	75	006 050 428	565	10	





TERMINAL THREADED MALE, COMPLETE

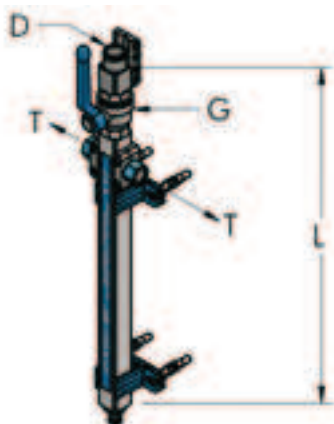
POW





D mm	G	L mm	B mm	Part. no.	P g	n°	
20	1/2" - NPT	46	24	006 020 430	57	10	
25	3/4" - NPT	60	28	006 025 430	110	10	
40	1 1/4" - NPT	80	35	006 040 429	245	10	
50	1 1/2" - NPT	150	75	006 050 429	655	10	

FLEXIBLE PIPE FOR CONNECTION TO COMPRESSOR FOR COMPRESSED AIR (15 BAR)

D mm	G	L mm	d mm	Part. no.	P g	n°	
20	1/2" - NPT	700	30	006 020 458	500	1	
25	3/4" - NPT	700	35	006 025 458	750	1	
40	1 1/4" - NPT	1000	50	006 040 458	3000	1	
50	2" - NPT	1000	65	006 050 458	4075	1	

DROP COLUMN MANIFOLD COMPLETE WITH ACCESSORIES

D mm	L mm	G	T	Part. no.	P g	n°	
20	440	1/2" - BSP	3/8" - NPT	006 020 455	680	1	
25	440	3/4" - BSP	3/8" - NPT	006 025 455	1060	1	

AP

NPT COMPONENTS

MULTIFLUID 25 BAR

USE OF AP MULTIFLUID AT 25 BARS (360 PSI)

The patented AP system is suitable for inert gases and fluids.

By doubling the clamping brackets of every single joint and terminal of the system, the product can be used at a working pressure of up to 25 bar (360 psi).

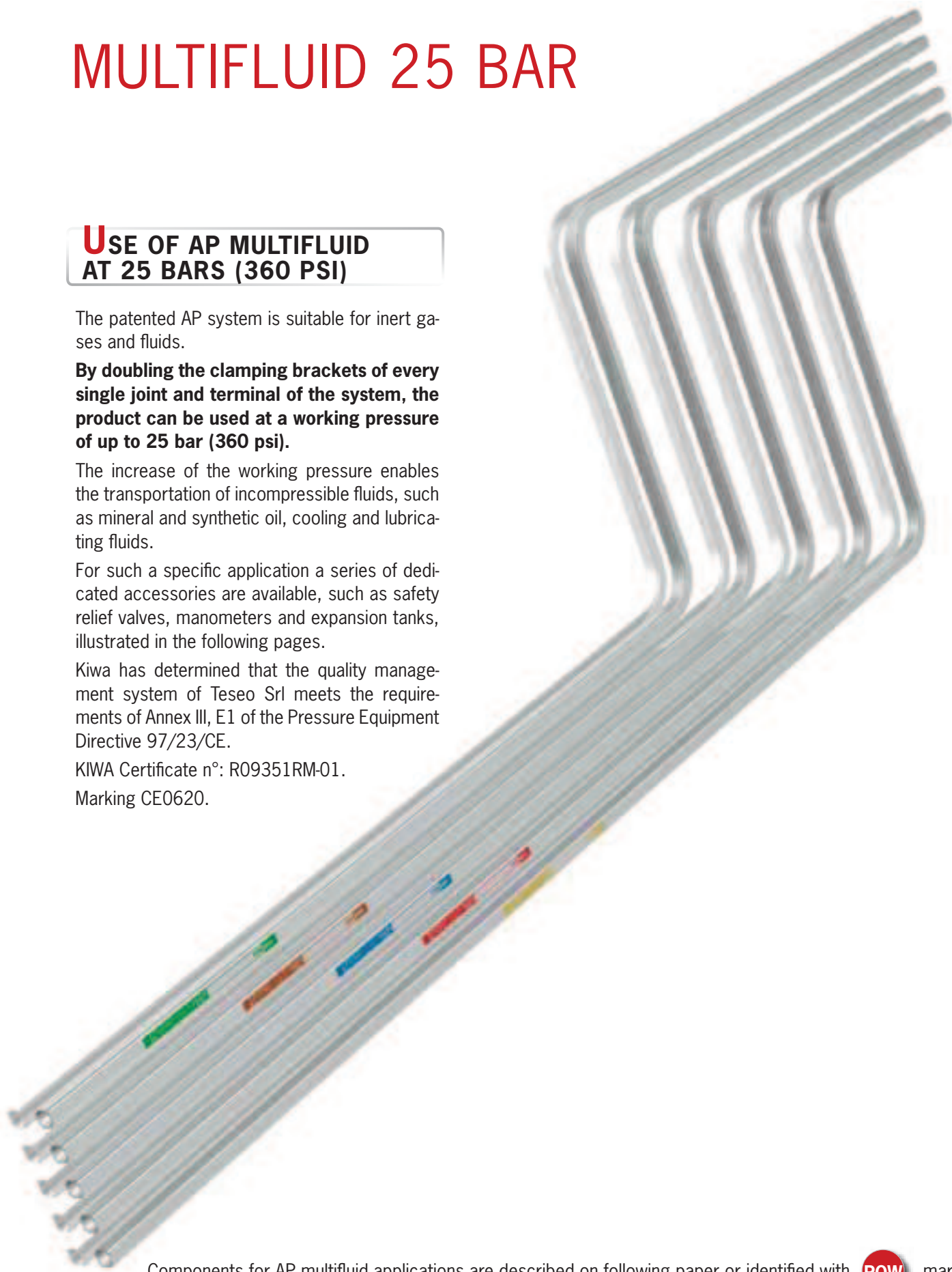
The increase of the working pressure enables the transportation of incompressible fluids, such as mineral and synthetic oil, cooling and lubricating fluids.

For such a specific application a series of dedicated accessories are available, such as safety relief valves, manometers and expansion tanks, illustrated in the following pages.

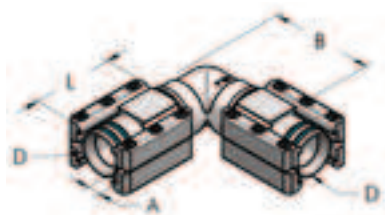
Kiwa has determined that the quality management system of Teseo Srl meets the requirements of Annex III, E1 of the Pressure Equipment Directive 97/23/CE.






KIWA Certificate n°: R09351RM-01.

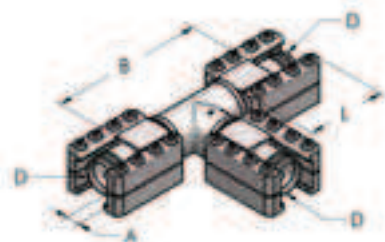
Marking CE0620.








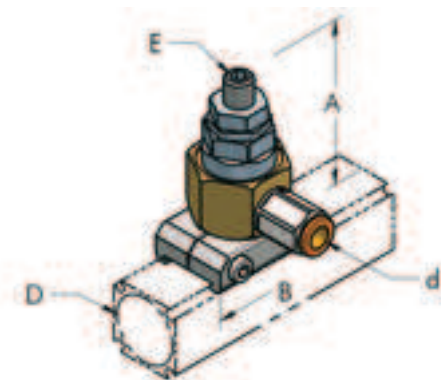
Components for AP multifluid applications are described on following paper or identified with  mark






MULTIFLUID L JOINT, COMPLETE

D mm	L mm	A mm	B mm	Part. no.	P g	n°	
20	46	9	50	006 020 122	214	10	
25	60	10	65	006 025 122	330	10	
40	80	12	100	006 040 122	640	10	
50	150	12	150	006 050 122	1500	10	

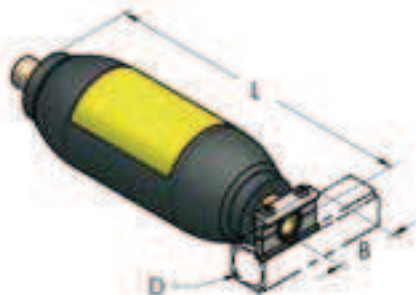
MULTIFLUID T JOINT, COMPLETE

D mm	L mm	A mm	B mm	Part. no.	P g	n°	
20	46	9	100	006 020 124	270	10	
25	60	10	130	006 025 124	425	10	
40	80	12	160	006 040 124	890	10	
50	150	12	245	006 050 124	2100	10	

OUTLET PLATE WITH PRESSURE VALVE, COMPLETE

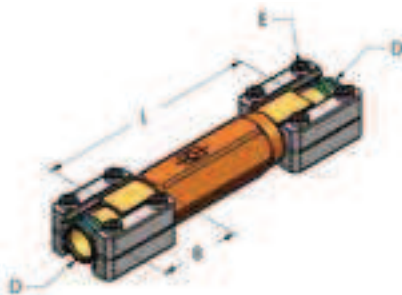
D mm	d mm	B mm	E mm	A mm	Part. no.	P g	n°	
20	8	46	5	65	006 020 080	48	10	
25	8	56	5	65	006 025 080	50	10	
40	8	70	5	65	006 040 080	220	10	
50	8	74	5	65	006 050 080	300	10	

OUTLET PLATE WITH EXPANSION TANK, COMPLETE



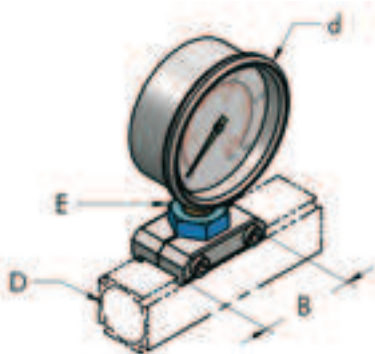
D mm	L mm	B mm	V dm ³	Part. no.	P Kg	n°	
20	220	46	0,35	006 020 081	1,74	1	
25	220	56	0,35	006 025 081	1,75	1	
40	230	70	0,35	006 040 081	1,8	1	
50	230	74	0,35	006 050 081	1,9	1	

NON-RETURN VALVE, COMPLETE

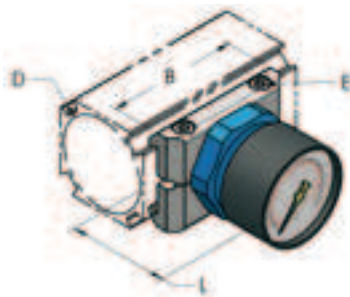







D mm	L mm	B mm	E mm	Part. no.	P Kg	n°	
20	130	46	4	006 020 047	0,35	1	
25	145	60	4	006 025 047	0,82	1	
40	210	80	5	006 040 047	2,2	1	
50	300	150	5	006 050 047	3,4	1	

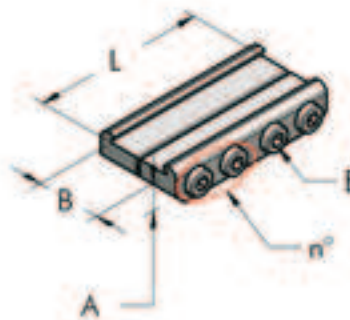
GLYCERYNE MANOMETER, COMPLETE








D mm	d mm	B mm	E mm	Part. no.	P g	n°	
20	70	46	22	006 020 049	240	10	
25	70	56	22	006 025 049	250	10	
40	70	70	36	006 040 049	345	10	
50	70	74	50	006 050 049	400	10	


VACUUM MANOMETER, COMPLETE

D mm	L mm	E mm	B mm	Part. no.	P g	n°	
20	60	4	46	006 020 348	70	10	
25	60	4	56	006 025 348	75	10	
40	60	5	70	006 040 348	174	10	
50	60	5	74	006 050 348	230	10	

CONNECTION CLAMP, COMPLETE

A mm	B mm	E mm	L mm	n°	Part. no.	P g	n°	
9	20	4	46	2	006 020 072	32	10	
10	25	4	60	4	006 025 072	60	10	
12	40	5	80	3	006 040 072	120	10	
12	50	5	150	4	006 050 072	285	10	

25 BAR ADHESIVE COLOUR STICKERS

L mm	B mm	Colour	Part. no.	P g	n°	
310	15	Blue RAL 5015	104 515 310	29	11	
310	15	Green RAL 6029	104 515 315	29	11	
310	15	Brown RAL 8003	104 515 316	29	11	
310	15	Grey RAL 7000	104 515 317	29	11	
310	15	Red RAL 3020	104 515 318	29	11	
310	15	Yellow RAL 1028	104 515 319	29	11	
310	28	Blue RAL 5015	104 525 150	29	11	
310	28	Green RAL 6029	104 528 315	29	11	
310	28	Brown RAL 8003	104 528 316	29	11	
310	28	Grey RAL 7000	104 528 317	29	11	
310	28	Red RAL 3020	104 528 318	29	11	
310	28	Yellow RAL 1028	104 528 319	29	11	

COMPRESSED AIR AND FLUIDS PIPING SYSTEMS

AP



MODULAR MANIFOLDS INTEGRATED ON MACHINES





AP