

# Aluminum Pipe and Fittings for Compressed Air and Inert Gases

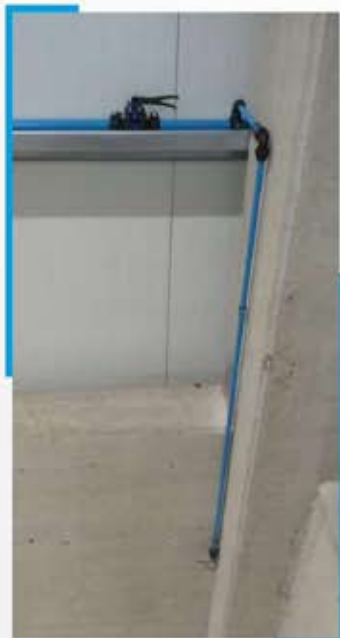


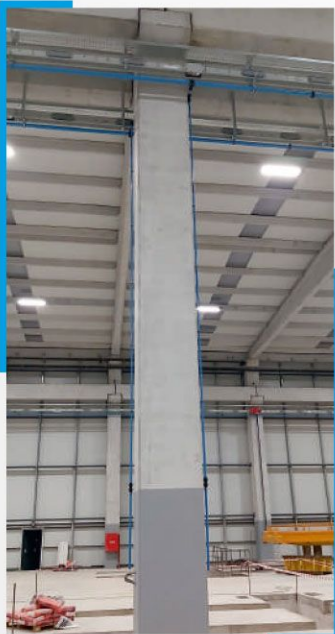
[www.havasis.com.tr](http://www.havasis.com.tr)





**Time!**  
An invaluable value...  
**Arsis**  
in the air system it saves time...





## ENERGY SAVING

### Lightweight, but strong!

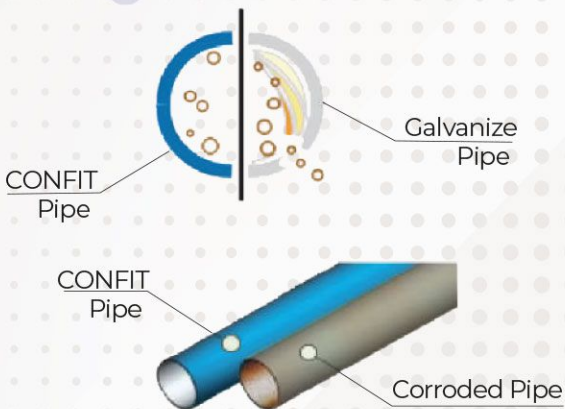
Our Polymer body fittings product range come in diameters: 20-25-32-40 mm. They are too lightweight but impact resistant.



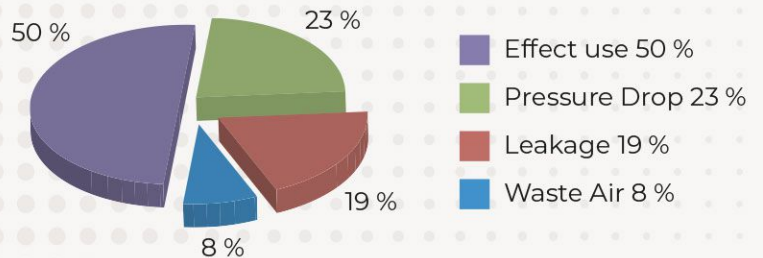
## FASTER INSTALLATION TIME

The push-in type connection technique provides you faster and shorter installation time. Also it provides you to have a modular system. You can plug and unplug your system and carry on another place and re-install.

## COMPRESSED AIR INSTALLATION ENERGY SAVING ANALYSIS



### GENERAL COMPRESSED AIR COST ANALYSIS



## MODULARITY and RESISTANCE

As can be seen in the above analysis the effect of initial investment on the long term cost is far below estimate. Therefore, very serious saving can be achieved by minimizin %19 leakage and % 23 pressure loses with Confit pipe and fittings.



Grooved End for 60-76-89-114-140-165 and 220 mm pipes

Aluminum Pipe-6063 (Pmax: 24 bar)

CODE	DIAMETER (mm)	LENGTH (mt)
AL6020M	20	6
AL6025M	25	6
AL6032M	32	6
AL6040M	40	6
AL6060M	60	6
AL6076M	76	6
AL6089M	89	6
AL6114M	114	6
AL6140M	140	6
AL6165M	165	6
AL6220M	220	6

All colors available for all size pipes.

Straight Fitting for Pipe 20-25-32 and 40 mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
PL020	20	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL025	25	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL032	32	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL040	40	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal



Straight Fitting for Pipe 60-76-89-114-140-165-220 mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
AL060	60	Aluminum Grooved Body, NBR Seal, 8.8 Special Bolts and nuts.
AL076	76	Aluminum Grooved Body, NBR Seal, 8.8 Special Bolts and nuts.
AL089	89	Aluminum Grooved Body, NBR Seal, 8.8 Special Bolts and nuts.
AL114	114	Aluminum Grooved Body, NBR Seal, 8.8 Special Bolts and nuts.
AL140	140	Ductile Iron Grooved Body, NBR Seal, 8.8 Special Bolts and Nuts.
AL165	165	Ductile Iron Grooved Body, NBR Seal, 8.8 Special Bolts and Nuts.
AL220	220	Ductile Iron Grooved Body, NBR Seal, 8.8 Special Bolts and Nuts.



Elbow Fitting for Pipe 20-25-32 and 40 mm (Pmax: 13 bar)



CODE	DIAMETER (mm)	DESCRIPTION
PL020	20	Polypropylen Co-Polymer Body and Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL025	25	Polypropylen Co-Polymer Body and Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL032	32	Polypropylen Co-Polymer Body and Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL040	40	Polypropylen Co-Polymer Body and Nut, SS303 Grip Ring, PA6 Bushing NBR Seal

Elbow Fittings for Pipe 60-76-89-114-140-165 and 220 mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
AL060	60	Aluminum Grooved Body, NBR Seal, 8.8 Special Bolts and nuts.
AL076	76	Aluminum Grooved Body, NBR Seal, 8.8 Special Bolts and nuts.
AL089	89	Aluminum Grooved Body, NBR Seal, 8.8 Special Bolts and nuts.
AL114	114	Aluminum Grooved Body, NBR Seal, 8.8 Special Bolts and nuts.
AL140	140	Ductile Iron Grooved Body, NBR Seal, 8.8 Special Bolts and Nuts.
AL165	165	Ductile Iron Grooved Body, NBR Seal, 8.8 Special Bolts and Nuts.
AL220	220	Ductile Iron Grooved Body, NBR Seal, 8.8 Special Bolts and Nuts.



Tee Fittings for Pipe 20-25-32 and 40 mm (Pmax: 13 bar)



CODE	DIAMETER (mm)	DESCRIPTION
PL020	20	Polypropylen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL025	25	Polypropylen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL032	32	Polypropylen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL040	40	Polypropylen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal

## Mid Threaded Tee Fitting for Pipe 20-25-32 and 40 mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
PL2012	20x1/2	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL2512	25x1/2	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL2534	25x3/4	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL3212	32x1/2	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL3234	32x3/4	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL32100	32x1	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL4012	40x1/2	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL4034	40x3/4	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL40100	40x1	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL40114	40x1-1/4	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal



## Reducer Tee Fitting for Pipe 20-25-32 and 40 mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
PL252025	25x20x25	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL253225	25x32x25	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL322532	32x25x32	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL402040	40x20x40	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL402540	40x25x40	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal
PL403240	40x32x40	Polypropilen Co-Polymer body and Nut, SS303 Grip ring, PA6 Bushing, NBR Seal



The Fitting for Pipe 60-76-89-114-140-165 and 220 mm (Pmax: 13 bar)



CODE	DIAMETER (mm)	DESCRIPTION
AL060	60	Aluminum Grooved Body, NBR Seal, 8.8 Special Bolts and Nuts.
AL076	76	Aluminum Grooved Body, NBR Seal, 8.8 Special Bolts and Nuts.
AL089	89	Aluminum Grooved Body, NBR Seal, 8.8 Special Bolts and Nuts.
AL11114	114	Aluminum Grooved Body, NBR Seal, 8.8 Special Bolts and Nuts.
AL1140	140	Ductile Iron Grooved Body, NBR Seal, 8.8 Special Bolts and Nuts.
AL116S	165	Ductile Iron Grooved Body, NBR Seal, 8.8 Special Bolts and Nuts.
AL220	220	Ductile Iron Grooved Body, NBR Seal, 8.8 Special Bolts and Nuts.

Plug Fitting for Pipe 20-25-32 and 40 mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
PL020	20	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL02S	25	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL032	32	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL040	40	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal



Plug Fitting for Pipe 60-76-89-114-140-165 and 220 mm (Pmax: 12 bar)



CODE	DIAMETER (mm)	DESCRIPTION
AL060	60	Ductile Iron Body
AL076	76	Ductile Iron Body
AL089	89	Ductile Iron Body
AL11114	114	Ductile Iron Body
AL1140	140	Ductile Iron Body
AL116S	165	Ductile Iron Body
AL220	220	Ductile Iron Body

Reducer Fitting for Pipe 20-25-32 and 40 mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
PL2S20	25x20	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL3220	32x20	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL322S	32x25	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL4020	40x20	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL402S	40x25	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL4032	40x32	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal



## Male Polymer Threaded Elbow for Pipe 20-25-32 and 40 mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
PL20120	20x1/2	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL25120	25x1/2	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL25340	25x3/4	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL25100	25x1"	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL32100	32x1"	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL40100	40x1"	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL40114	40x1-1/4"	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal



## Male Metal Threaded Elbow for Pipe 20-25-32 and 40 mm (Pmax: 13 bar)

CODE	DIAMETER(mm)	DESCRIPTION
PL25340M	25x3/4	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL32100M	32x1"	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL40114M	40x1-1/4"	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal



## Male Polymer Threaded Straight Fitting for Pipe 20-25-32 and 40 mm

CODE	DIAMETER (mm)	DESCRIPTION
PL25340	25x3/4	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL32100	32x1"	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL40100	40x1"	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL40114	40x1-1/4"	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal



Male Polymer Threaded Straight Fitting for Pipe 20-25-32 and 40 mm (Pmax: 13 bar)



CODE	DIAMETER (mm)	DESCRIPTION
PL20120P	20x1/2	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL25120P	25x1/2	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL25100P	25x1"	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL32340P	32x3/4	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL32100P	32x1"	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL40100P	40x1"	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL40114P	40x1-1/4	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal
PL40112P	40x1-1/2"	Polypropilen Co-Polymer Body amd Nut, SS303 Grip Ring, PA6 Bushing NBR Seal

Quick Saddle Fitting for Pipe 32-40 mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
PL4012	40x1/2	Polypropylen Co-Polymer Body
PL4034	40x3/4	Polypropylen Co-Polymer Body
PL3234	32x3/4	Polypropylen Co-Polymer Body



Polymer Threaded Quick Saddle for Pipe 25-32 and 40 mm (Pmax: 13 bar)



CODE	DIAMETER (mm)	DESCRIPTION
PL25120P	25x1/2	Polypropylen Co-Polymer Body
PL25340P	25x3/4	Polypropylen Co-Polymer Body
PL32120P	32x1/2	Polypropylen Co-Polymer Body
PL32340P	32x3/4	Polypropylen Co-Polymer Body
PL40120P	40x1/2	Polypropylen Co-Polymer Body
PL40340P	40x3/4	Polypropylen Co-Polymer Body
PL40100P	40x1"	Polypropylen Co-Polymer Body

metal Body Quick Saddle for Pipe 60 76 89 114 140 165 and 220 mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
AL60100	60x1"	Ductile Iron Body
AL60112	60x1-1/2"	Ductile Iron Body
AL76100	76x1"	Ductile Iron Body
AL76112	76x1/1/2"	Ductile Iron Body
AL76200	76x2"	Ductile Iron Body
AL89100	89x1"	Ductile Iron Body
AL89112	89x1-1/2"	Ductile Iron Body
AL89200	89x2"	Ductile Iron Body
AL89212	89x2-1/2"	Ductile Iron Body
AL114100	114x1"	Ductile Iron Body
AL114112	114x1-1/2"	Ductile Iron Body
AL114200	114x2"	Ductile Iron Body
AL114212	114x2-1/2"	Ductile Iron Body
AL140100	140x1"	Ductile Iron Body
AL140112	140x1-1/2"	Ductile Iron Body
AL140200	140x2"	Ductile Iron Body
AL140212	140x2-1/2"	Ductile Iron Body
AL165100	165x1"	Ductile Iron Body
AL165112	165x1-1/2"	Ductile Iron Body
AL165200	165x2"	Ductile Iron Body
AL165212	165x2-1/2"	Ductile Iron Body
AL220100	220x1"	Ductile Iron Body
AL220112	220x1-1/2"	Ductile Iron Body
AL220200	220x2"	Ductile Iron Body
AL220212	220x2-1/2"	Ductile Iron Body



Polymer Body Ball Valve With Aluminum Threaded for Pipe 25 mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
AL25I20M	25x1/2	Polypropylen Co-Polymer Body Aluminum 1/2 threaded outlet



Polymer Body Ball Valve for Pipe 20-25-32 and 40 mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
PL020P	20	Polypropylen Co-Polymer Body
PL025P5P	25	Polypropylen Co-Polymer Body
PL032P2P	32	Polypropylen Co-Polymer Body
PL040P	40	Polypropylen Co-Polymer Body



Butterfly Valve for Pipe 60-76-89-114-140-165 and 220 mm (Pmax: 13 bar)



CODE	DIAMETER (mm)	DESCRIPTION
AL060	60	Ductile Iron Body, EPDM Seal
AL076	76	Ductile Iron Body, EPDM Seal
AL089	89	Ductile Iron Body, EPDM Seal
AL114	114	Ductile Iron Body, EPDM Seal
AL140	140	Ductile Iron Body, EPDM Seal
AL165	165	Ductile Iron Body, EPDM Seal
AL220	220	Ductile Iron Body, EPDM Seal

Grooved End Flange Connector Butterfly Valve Valve 60-76-89-114-140-165 and 220 mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
AL060	60	Ductile Iron Body, EPDM Seal
AL076	76	Ductile Iron Body, EPDM Seal
AL089	89	Ductile Iron Body, EPDM Seal
AL114	114	Ductile Iron Body, EPDM Seal
AL140	140	Ductile Iron Body, EPDM Seal
AL165	165	Ductile Iron Body, EPDM Seal
AL220	220	Ductile Iron Body, EPDM Seal



Grooved End - Threaded Aluminum Adaptor 60-76 mm (Pmax: 13 bar)



CODE	DIAMETER (mm)	DESCRIPTION
AL060200	60x2"	Aluminum Body
AL076212	76x2-1/2	Aluminum Body

## Grooved End Reducer For Pipe 60-76-89-114-140-165-220mm (Pmax: 13 bar)

CODE	DIAMETER (mm)	DESCRIPTION
AL7660	76x60	Aluminum Straigh Fittings, Ductile Iron Reducer
AL8976	89x76	Aluminum Straigh Fittings, Ductile Iron Reducer
AL8960	89x60	Aluminum Straigh Fittings, Ductile Iron Reducer
AL11460	114x60	Aluminum Straigh Fittings, Ductile Iron Reducer
AL11476	114x76	Aluminum Straigh Fittings, Ductile Iron Reducer
AL11489	114x89	Aluminum Straigh Fittings, Ductile Iron Reducer
AL14060	140x60	Aluminum Straigh Fittings, Ductile Iron Reducer
AL14076	140x76	Aluminum Straigh Fittings, Ductile Iron Reducer
AL14089	140x89	Aluminum Straigh Fittings, Ductile Iron Reducer
AL140114	140x114	Aluminum Straigh Fittings, Ductile Iron Reducer
AL16560	165x60	Aluminum Straigh Fittings, Ductile Iron Reducer
AL16576	165x76	Aluminum Straigh Fittings, Ductile Iron Reducer
AL16589	165x89	Aluminum Straigh Fittings, Ductile Iron Reducer
AL165114	165x114	Aluminum Straigh Fittings, Ductile Iron Reducer
AL165140	165x140	Aluminum Straigh Fittings, Ductile Iron Reducer
AL22060	220x60	Aluminum Straigh Fittings, Ductile Iron Reducer
AL22076	220x76	Aluminum Straigh Fittings, Ductile Iron Reducer
AL22089	220x89	Aluminum Straigh Fittings, Ductile Iron Reducer
AL220114	220x114	Aluminum Straigh Fittings, Ductile Iron Reducer
AL220140	220x140	Aluminum Straigh Fittings, Ductile Iron Reducer
AL220165	220x165	Aluminum Straigh Fittings, Ductile Iron Reducer





Quick Coupling with Female and Male Threaded

CODE	DIAMETER (mm)	DESCRIPTION
2231770360671	Quick Kaplin Erkek 1/2"	Male threaded Quick Coupling Body
2231768833322	Quick Kaplin Dişi 1/2"	Female threaded Quick Coupling Body

Socket for Quick Couplings

CODE	DIAMETER (mm)	DESCRIPTION
2231766740973	Kaplin Soketi Erkek 1/2"	Male threaded Socket
2231722117097	Kaplin Soketi Dişi 1/2"	Female threaded Socket



Two Ways Manifold

CODE	DIAMETER (mm)	DESCRIPTION
2231780760250	2'Li Çıkış Dişi 1/2" Adaptör	3x1/2 Outlets



# RELY ON **TURKISH** PRODUCT



**QUALITY**

ISO 9001 : 2015

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**FLEXIBILITY DESIGN** AND MODULAR

With our products, you can flexibly design your compressed air system in many ways. It offers you convenience thanks to its modular feature.

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**COMPATIBILITY**

CE

Our products comply with CE 97/23/EC standards.

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**5 YEARS** WARRANTY

Our products are guaranteed for 5 years against rusting and impermeability.



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