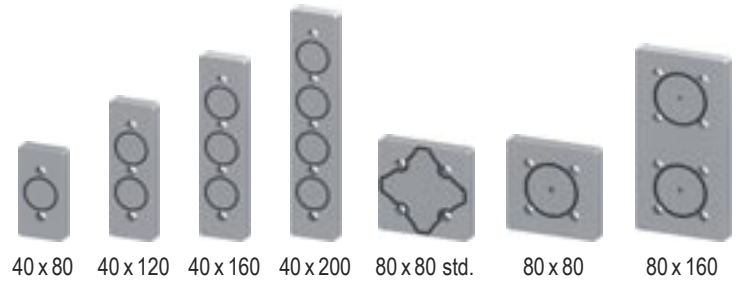
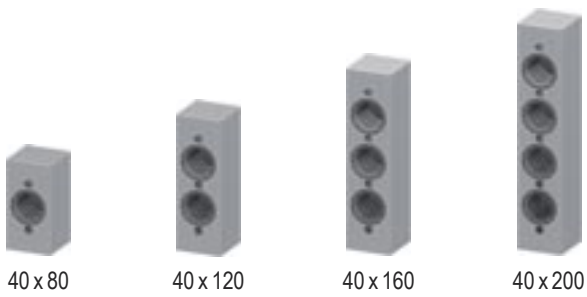


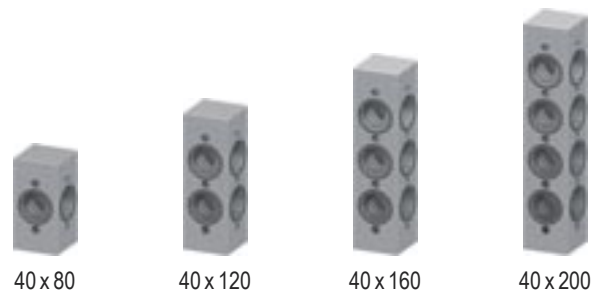
Pneumatic Joining Plates



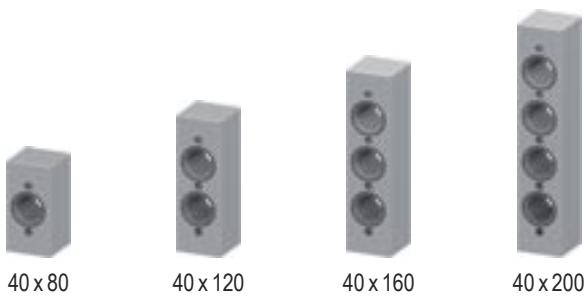
Pneumatic End Plates



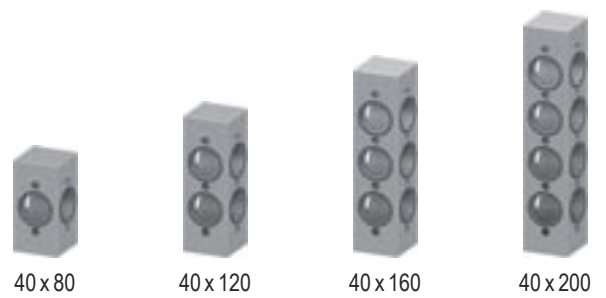
Pneumatic End Connectors



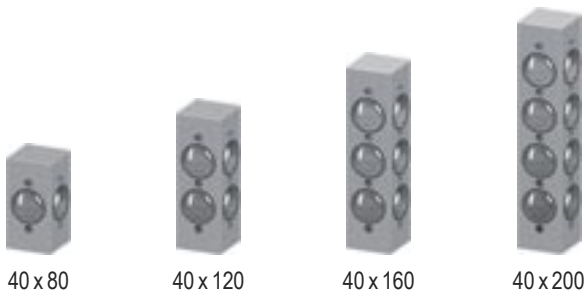
Pneumatic Corner Connectors



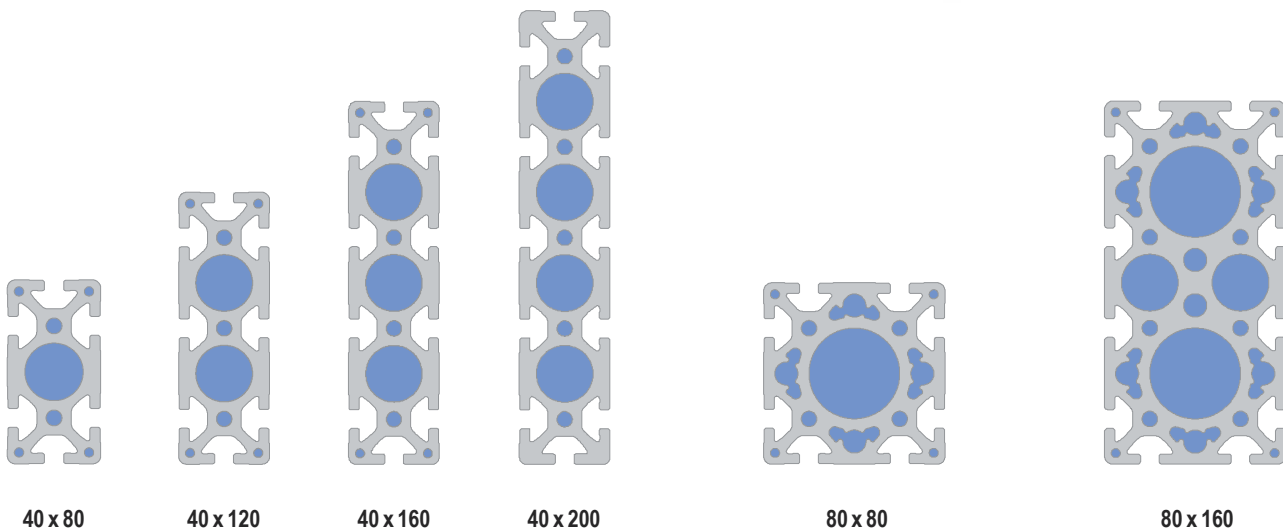
Pneumatic Joining Connectors



Pneumatic T-Connectors



Pneumatic Cross Connectors



### Pneumatic Profile Connectors

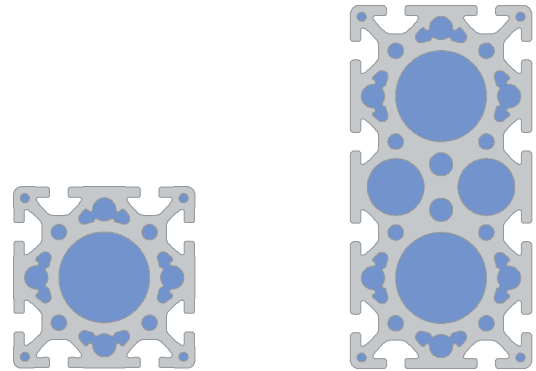
*Paletti* standard profiles can be used as air lines in machines, structures, and guarding in manufacturing areas. 40 x 80 up to 40 x 200 profiles are the most suitable for pneumatic systems. The smooth central core hole in the profiles creates a stable air supply without turbulence. The wall thickness of the profile can be tapped to accept pneumatic fittings. A 1" pneumatic fitting can be fixed directly into the Ø25 mm center hole.

The different chambers in the profiles can be used for various purposes. Dry or oiled air can be run independently through the larger chambers. The Ø6.8 mm holes can be used to route wiring, while the Ø4 mm holes are used for attaching adapter plates to the ends of the profile. The pneumatic profile connectors give the designer the advantage of designing complex air and/or vacuum systems in many types of machine frames or structures.

These connecting profiles use the proven *Paletti* central fastener system for extending or attaching profiles to each other to produce air line runs. O-rings between the profiles ensure that the air is sealed.

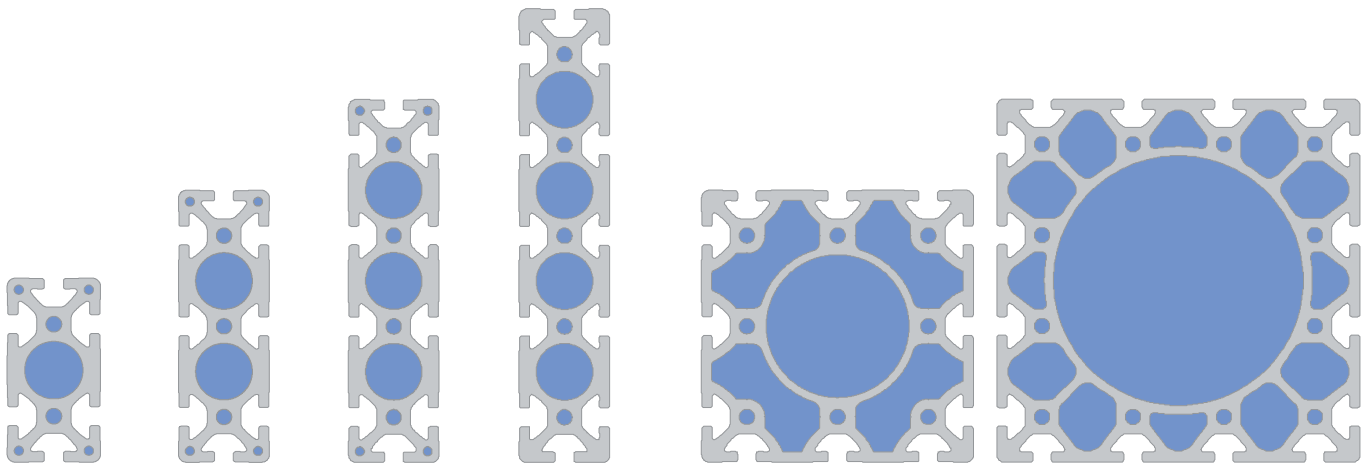
80 x 80 and 80 x 160 profiles are suitable to high volume compressed air or vacuum systems. These profiles have a high degree of structural integrity and can be used to support such things as lighting and electrical ductwork as a result.

The 80 x 160 profile can be used for both compressed air and vacuum systems simultaneously due to its two large internal cavities.



80 x 80

80 x 160



40 x 80

40 x 120

40 x 160

40 x 200

120 x 120

160 x 160

### Flat Gaskets

A flat gasket can also be supplied that encompasses all the bore holes of the profiles 40 x 80 up to 40 x 200. Flat gaskets can also be supplied for 80 x 80, 80x160, 120 x 120, and 160 x 160 profiles allowing them to be used for high volume compressed air. The connection of the profiles occurs via the central fastener system.

Due to the elasticity of the gasket material, the seal may become compressed shortly after the initial installation. Therefore, the fasteners should be checked and tightened if necessary after one day.

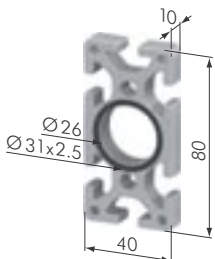
**40**



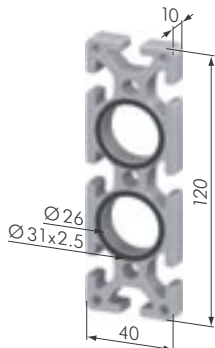
Pneumatic Joining Plates		
Part N°	Description	Weight
SD0102N	Pneumatic Joining Plate 40 x 80	41 g
SD0103N	Pneumatic Joining Plate 40 x 120	58 g
SD0104N	Pneumatic Joining Plate 40 x 160	76 g
SD0105N	Pneumatic Joining Plate 40 x 200	95 g
SD0112N	Pneumatic Joining Plate 80 x 80	78 g
SD0114N	Pneumatic Joining Plate 80 x 160	159 g

**Application:** When the profile is used as a compressed air line the joint plate is used to seal the two profiles. The pneumatic joining plate is held in position by the fastening system (SV3500V).

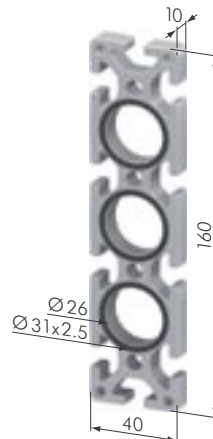
**Material:** aluminum block with O-ring seal



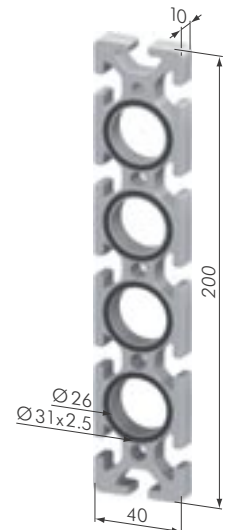
**SD0102N**



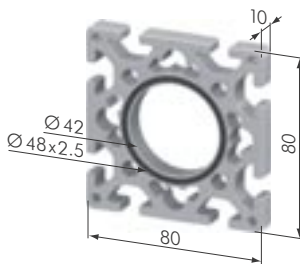
**SD0103N**



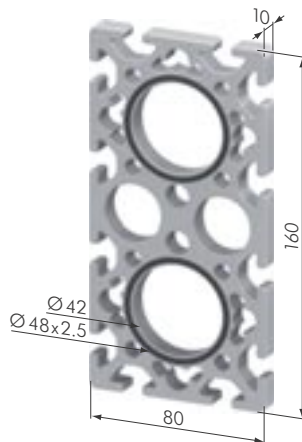
**SD0104N**



**SD0105N**



**SD0112N**



**SD0114N**

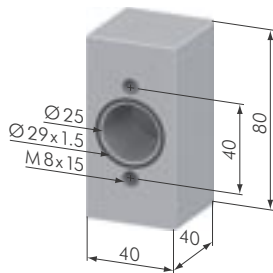
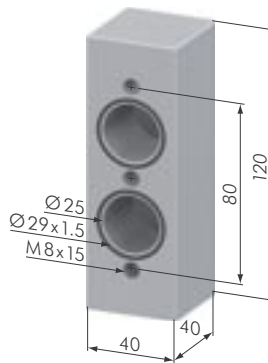
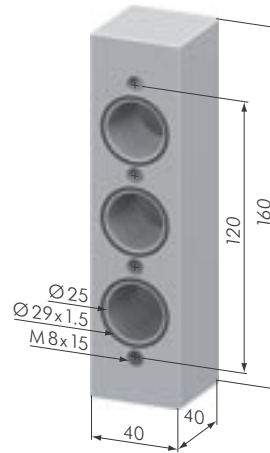
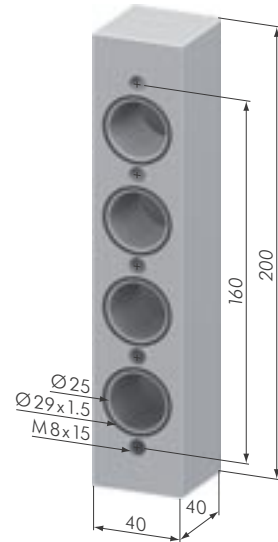
**Pneumatic End Connectors 40**

Part No	Description	Weight
SD0202N	Pneumatic End Connector 40 x 80	305 g
SD0203N	Pneumatic End Connector 40 x 120	442 g
SD0204N	Pneumatic End Connector 40 x 160	579 g
SD0205N	Pneumatic End Connector 40 x 200	715 g

**40**

**Application:** Used as an end connector for compressed air lines. The 40 mm thickness enables air line connections to be made on the side of the end connector. The end connector is fixed to the profile using central fastener 40 G (SV1071V).

**Material:** aluminum block with O-ring seal

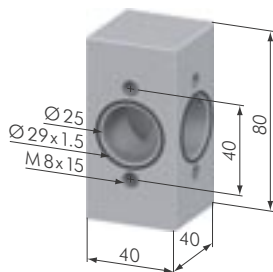
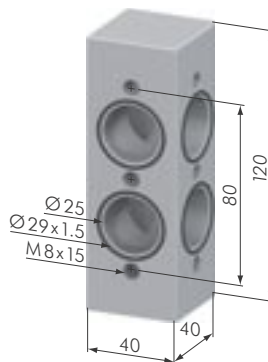
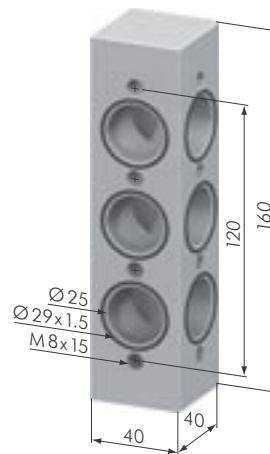
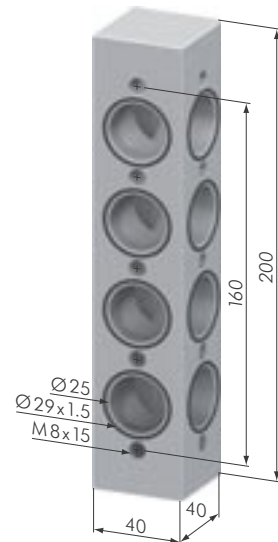

**SD0202N**

**SD0203N**

**SD0204N**

**SD0205N**
**Pneumatic Corner Connectors 40**

Part No	Description	Weight
SD0142N	Pneumatic Corner Connector 40 x 80	281 g
SD0143N	Pneumatic Corner Connector 40 x 120	396 g
SD0144N	Pneumatic Corner Connector 40 x 160	506 g
SD0145N	Pneumatic Corner Connector 40 x 200	634 g

**40**

**Application:** Right angled connection for compressed air lines. The corner connector is attached to the profile using central fastener 40 G (SV1071V).

**Material:** aluminum block with O-ring seal


**SD0142N**

**SD0143N**

**SD0144N**

**SD0145N**

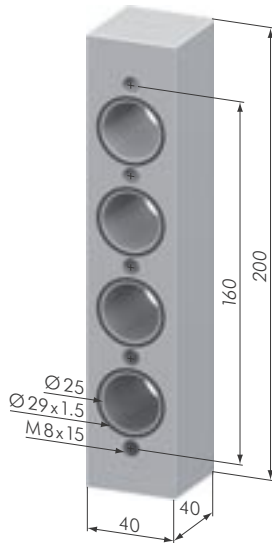


**Pneumatic Joining Connectors 40**

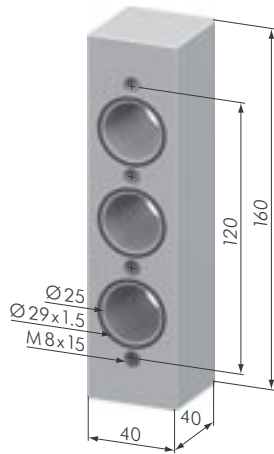
Part No	Description	Weight
SD0152N	Pneumatic Joining Connector 40 x 80	280 g
SD0153N	Pneumatic Joining Connector 40 x 120	396 g
SD0154N	Pneumatic Joining Connector 40 x 160	506 g
SD0155N	Pneumatic Joining Connector 40 x 200	634 g

**Application:** For sealing of two profiles in compressed air lines. The 40 mm thickness enables air line connections to be made on the side of the end connector. The end connector is fixed to the profile using central fasteners type G.

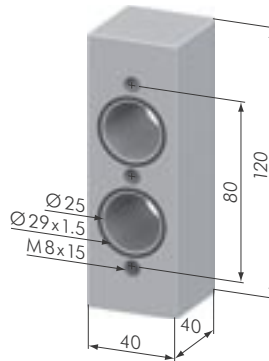
**Material:** aluminum block with O-ring seal



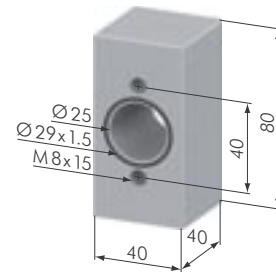
SD0155N



SD0154N



SD0153N



SD0152N

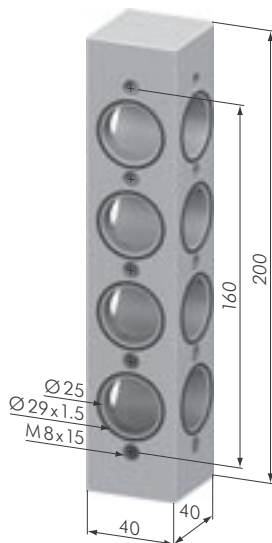


**Pneumatic T-Connectors 40**

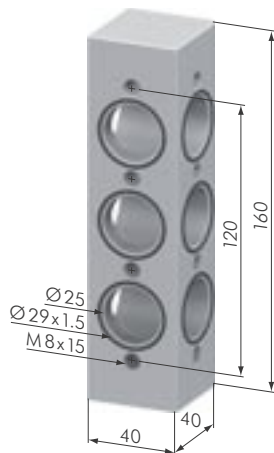
Part No	Description	Weight
SD0162N	Pneumatic T-Connector 40 x 80	270 g
SD0163N	Pneumatic T-Connector 40 x 120	360 g
SD0164N	Pneumatic T-Connector 40 x 160	454 g
SD0165N	Pneumatic T-Connector 40 x 200	575 g

**Application:** T-connector for compressed air lines. The t-connector is attached to the profiles using central fasteners type G.

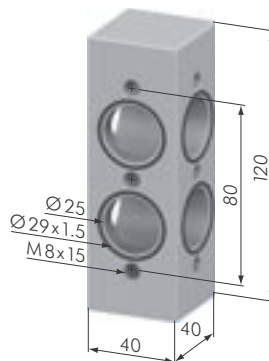
**Material:** aluminum block with O-ring seal



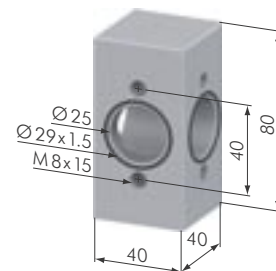
SD0165N



SD0164N



SD0163N



SD0162N

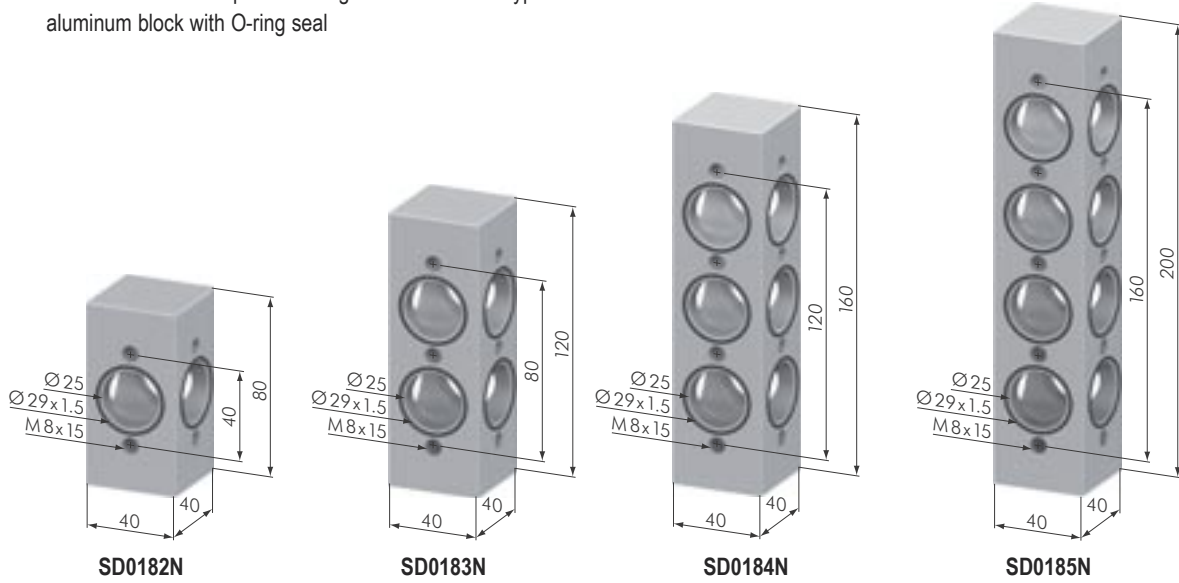


**Pneumatic Cross Connectors 40**

Part No	Description	Weight
SD0182N	Pneumatic Cross Connector 40 x 80	250 g
SD0183N	Pneumatic Cross Connector 40 x 120	327 g
SD0184N	Pneumatic Cross Connector 40 x 160	406 g
SD0185N	Pneumatic Cross Connector 40 x 200	503 g

**Application:** Cross-connector for compressed air lines. The cross connector is attached to the profiles using central fasteners type G.

**Material:** aluminum block with O-ring seal

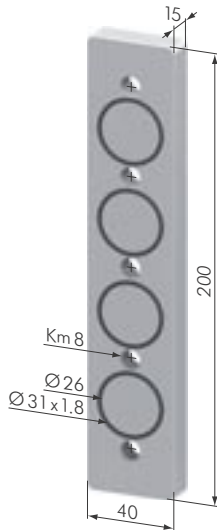


**40**

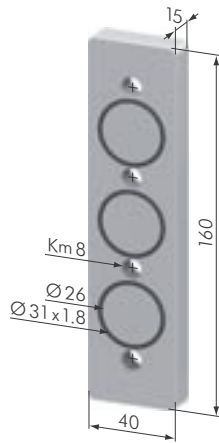
Pneumatic End Plates 40		
Part No	Description	Weight
SD0122N	Pneumatic End Plate 40 x 80	116 g
SD0123N	Pneumatic End Plate 40 x 120	157 g
SD0124N	Pneumatic End Plate 40 x 160	232 g
SD0125N	Pneumatic End Plate 40 x 200	290 g

**Application:** The pneumatic end plates cap the ends of compressed air lines. On request the end plates can be fitted with pneumatic fittings. The type of fittings required should be advised upon ordering.

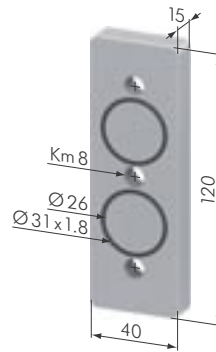
**Material:** aluminum block with O-ring seal



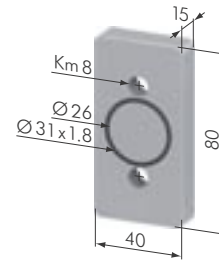
SD0125N



SD0124N



SD01253N



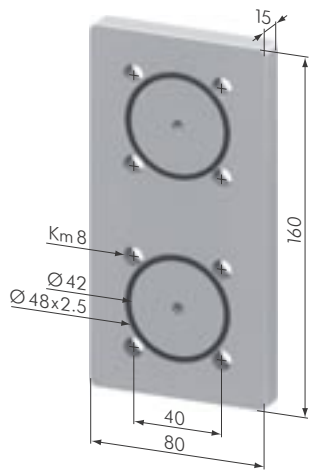
SD0122N

**40**

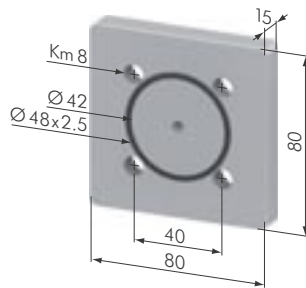
Pneumatic End Plates 80		
Part No	Description	Weight
SD0120N	Pneumatic End Plate 80 x 80 standard profile	244 g
SD0126N	Pneumatic End Plate 80 x 80	488 g
SD0128N	Pneumatic End Plate 80 x 160	488 g

**Application:** The pneumatic end plates cap the ends of compressed air lines. On request the end plates can be fitted with pneumatic fittings. The type of fittings required should be advised upon ordering.

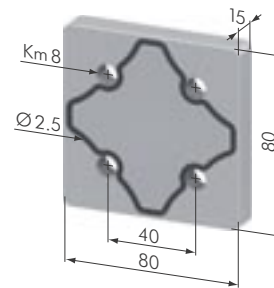
**Material:** aluminum block with O-ring seal



SD0114N



SD0126N



SD0120N