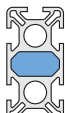




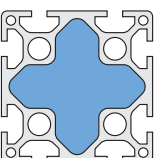
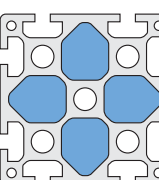
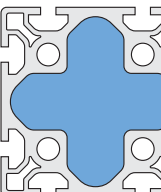
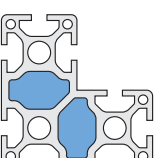
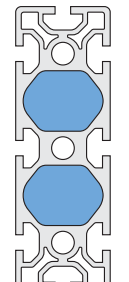


<sup>1)</sup> for mounting set → connection plate 1.47.50...

PG 30	PG 40	PG 45	PG 50	PG 60
 Profile 30×60, 6F <sup>2)</sup> 299.8 mm <sup>2</sup>	 Profile 40×80, 6E <sup>2)</sup> 521.8 mm <sup>2</sup>	 Profile 45×90, 6E <sup>2)</sup> 816.2 mm <sup>2</sup>	 Profile 50×100, 6E <sup>2)</sup> 1,043.3 mm <sup>2</sup>	 Profile 60×90, 6E <sup>2)</sup> 1,203.0 mm <sup>2</sup>
	 Profile 80×80, 8E <sup>2)</sup> 2,454.1 mm <sup>2</sup>	 Profile 90×90, 8E <sup>2)</sup> 635.2 mm <sup>2</sup> (4×)	 Profile 100×100, 8E <sup>2)</sup> 4,080.4 mm <sup>2</sup>	<p><b>Comments</b>                      Any profile with closed interior chambers can also be used as pressure line                       max. pressure: 10 bar</p>
	 Profile 80×80, 8E, angle <sup>2)</sup> 505.7 mm <sup>2</sup> (2×)		 Profile 50×150, 8E <sup>2)</sup> 1,115.8 mm <sup>2</sup> (2×)	

<sup>2)</sup> (pneumatic) cross-sectional area

Pneumatic end plates



**Application**

- for the closing of profile ends
- vent disconnection thread

**Comments**

Blanking plug and reducing nipple  
 ↗ Pneumatic accessories 1.59  
 Article-No. 1.59.010□□ and  
 1.59.020□□



**Technical data**

End plate

- material: aluminium
- strength: F22
- surface: black powder-coated

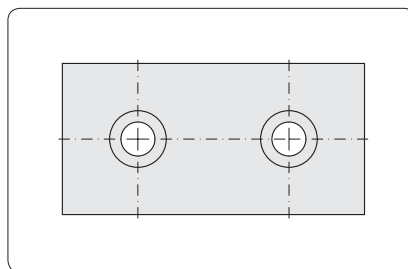
Seal

- material: NBR

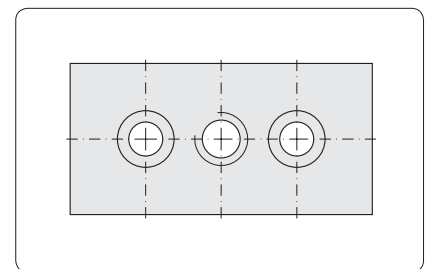
**Comments**

Counterbore DIN 74 - M6 / M8 for  
 cap-screw DIN 912 - M6 / M8

Variants



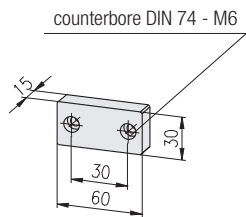
without thread



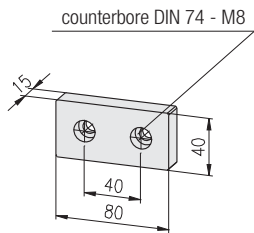
with thread

Dimensions	without thread	with thread G1/4"	with thread G1/2"
B×L	Article-No.	Article-No.	Article-No.
30×60	1.47.2030060.0600.1	1.51.13061	
40×80	1.47.2040080.0800.1		1.51.14081
45×90	1.47.2045090.0800.1		1.51.14591
50×100	1.47.2050100.0800.1		1.51.15101
50×150	1.47.2050150.0800.1		1.51.15151
80×80	1.47.2080080.0800.1		1.51.18081
100×100	1.47.2100100.0800.1		1.51.20101

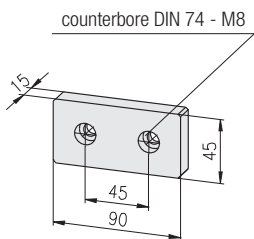
**Pneumatic end plate sets**  
 without thread

**30×60**


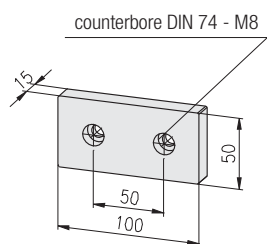
Description	Weight	Article-No.
Pneumatic end plate set w/o thread 30×60	121 g	1.50.2030060.0600.0
<b>Single parts</b>		
	<b>Pcs.</b>	
Base plate w/o thread 30×60	1 64 g	1.47.2030060.0600.1
Pneumatic seal 30×60	1 3 g	1.51.13062
Threaded insert M14/M6	2 22 g	1.35.1140615
Cap-screw DIN 912 - M6×16	2 5 g	0.63.D00912.06016

**40×80**


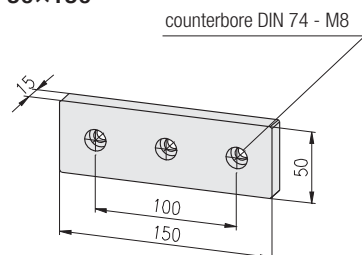
Description	Weight	Article-No.
Pneumatic end plate set w/o thread 40×80	173 g	1.50.2040080.0800.0
<b>Single parts</b>		
	<b>Pcs.</b>	
Base plate w/o thread 40×80	1 114 g	1.47.2040080.0800.1
Pneumatic seal 40×80	1 5 g	1.51.14082
Threaded insert M14/M8	2 18 g	1.35.1140815
Cap-screw DIN 912 - M8×16	2 9 g	0.63.D00912.08016

**45×90**


Description	Weight	Article-No.
Pneumatic end plate set w/o thread 45×90	208 g	1.50.2045090.0800.0
<b>Single parts</b>		
	<b>Pcs.</b>	
Base plate w/o thread 45×90	1 148 g	1.47.2045090.0800.1
Pneumatic seal 45×90	1 6 g	1.51.14592
Threaded insert M14/M8	2 18 g	1.35.1140815
Cap-screw DIN 912 - M8×16	2 9 g	0.63.D00912.08016

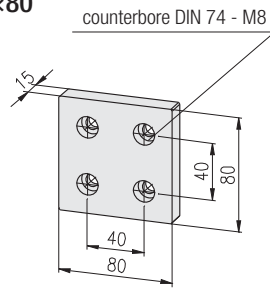
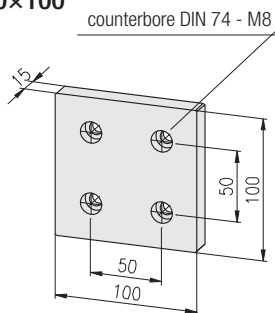
**50×100**


Description	Weight	Article-No.
Pneumatic end plate set w/o thread 50×100	247 g	1.50.2050100.0800.0
<b>Single parts</b>		
	<b>Pcs.</b>	
Base plate w/o thread 50×100	1 186 g	1.47.2050100.0800.1
Pneumatic seal 50×100	1 7 g	1.51.15102
Threaded insert M14/M8	2 18 g	1.35.1140815
Cap-screw DIN 912 - M8×16	2 9 g	0.63.D00912.08016

**50×150**


Description	Weight	Article-No.
Pneumatic end plate set w/o thread 50×150	371 g	1.50.2050150.0800.0
<b>Single parts</b>		
	<b>Pcs.</b>	
Base plate w/o thread 50×150	1 280 g	1.47.2050150.0800.1
Pneumatic seal 50×150	1 10 g	1.51.15152
Threaded insert M14/M8	3 18 g	1.35.1140815
Cap-screw DIN 912 - M8×16	3 9 g	0.63.D00912.08016

**Pneumatic end plate sets**  
 without thread

**80×80**

**100×100**


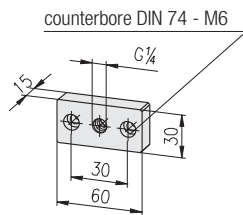
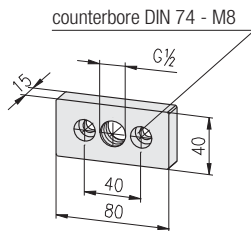
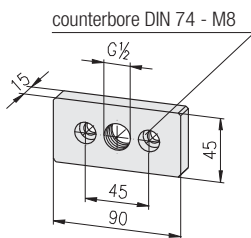
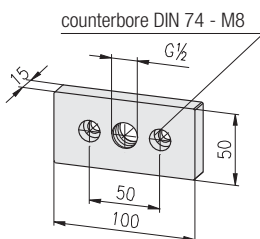
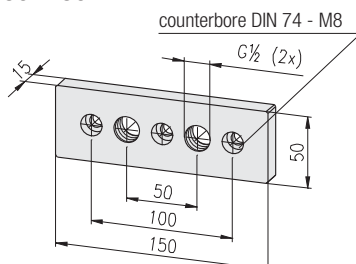
Description	Weight	Article-No.
Pneumatic end plate set w/o thread 80×80	343 g	1.50.2080080.0800.0

Single parts	Pcs.	Weight	Article-No.
Base plate w/o thread 80×80	1	228 g	1.47.2080080.0800.1
Pneumatic seal 80×80	1	7 g	1.51.18082
Threaded insert M14/M8	4	18 g	1.35.1140815
Cap-screw DIN 912 - M8×16	4	9 g	0.63.D00912.08016

Description	Weight	Article-No.
Pneumatic end plate set w/o thread 100×100	494 g	1.50.2100100.0800.0

Single parts	Pcs.	Weight	Article-No.
Base plate w/o thread 100×100	1	374 g	1.47.2100100.0800.1
Pneumatic seal 100×100	1	12 g	1.51.20102
Threaded insert M14/M8	4	18 g	1.35.1140815
Cap-screw DIN 912 - M8×16	4	9 g	0.63.D00912.08016

**Pneumatic end plate sets**  
with thread

**30×60**

**40×80**

**45×90**

**50×100**

**50×150**


Description	Weight	Article-No.
Pneumatic end plate set 30×60	110 g	1.51.13060
<b>Single parts</b>		
Pneumatic end plate 30×60	1	53 g 1.51.13061
Pneumatic seal 30×60	1	3 g 1.51.13062
Threaded insert M14/M6	2	22 g 1.35.1140615
Cap-screw DIN 912 - M6×16	2	5 g 0.63.D00912.06016

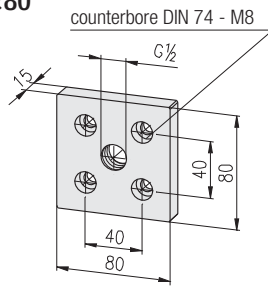
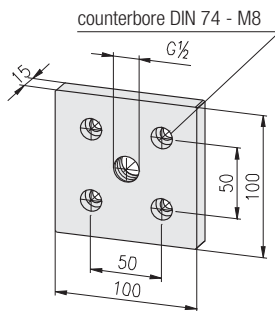
Description	Weight	Article-No.
Pneumatic end plate set 40×80	153 g	1.51.14080
<b>Single parts</b>		
Pneumatic end plate 40×80	1	94 g 1.51.14081
Pneumatic seal 40×80	1	5 g 1.51.14082
Threaded insert M14/M8	2	18 g 1.35.1140815
Cap-screw DIN 912 - M8×16	2	9 g 0.63.D00912.08016

Description	Weight	Article-No.
Pneumatic end plate set 45×90	179 g	1.51.14590
<b>Single parts</b>		
Pneumatic end plate 45×90	1	119 g 1.51.14591
Pneumatic seal 45×90	1	6 g 1.51.14592
Threaded insert M14/M8	2	18 g 1.35.1140815
Cap-screw DIN 912 - M8×16	2	9 g 0.63.D00912.08016

Description	Weight	Article-No.
Pneumatic end plate set 50×100	206 g	1.51.15100
<b>Single parts</b>		
Pneumatic end plate 50×100	1	145 g 1.51.15101
Pneumatic seal 50×100	1	7 g 1.51.15102
Threaded insert M14/M8	2	18 g 1.35.1140815
Cap-screw DIN 912 - M8×16	2	9 g 0.63.D00912.08016

Description	Weight	Article-No.
Pneumatic end plate set 50×150	322 g	1.51.15150
<b>Single parts</b>		
Pneumatic end plate 50×150	1	231 g 1.51.15151
Pneumatic seal 50×150	1	10 g 1.51.15152
Threaded insert M14/M8	3	18 g 1.35.1140815
Cap-screw DIN 912 - M8×16	3	9 g 0.63.D00912.08016

**Pneumatic end plate sets**  
 with thread

**80×80**

**100×100**


Description	Weight	Article-No.
Pneumatic end plate set 80×80	251 g	1.51.18080

Single parts	Pcs.	Weight	Article-No.
Pneumatic end plate 80×80	1	136 g	1.51.18081
Pneumatic seal 80×80	1	7 g	1.51.18082
Threaded insert M14/M8	4	18 g	1.35.1140815
Cap-screw DIN 912 - M8×16	4	9 g	0.63.D00912.08016

Description	Weight	Article-No.
Pneumatic end plate set 100×100	416 g	1.51.20100

Single parts	Pcs.	Weight	Article-No.
Pneumatic end plate 100×100	1	296 g	1.51.20101
Pneumatic seal 100×100	1	12 g	1.51.20102
Threaded insert M14/M8	4	18 g	1.35.1140815
Cap-screw DIN 912 - M8×16	4	9 g	0.63.D00912.08016

## Pneumatic connection plates


**Application**

Pneumatic connection for inlet and exhaust of air pressure


**Technical data**

End plate

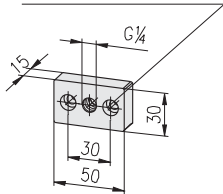
- material: aluminium
  - strength: F22
  - surface: black powder-coated
- O-Ring
- material: NBR

**Comments**

Counterbore DIN 74 - M6 / M8 for cap-screw DIN 912 - M6 / M8

**30×60**

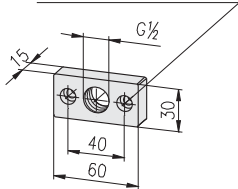
counterbore DIN 74 - M6



Description	Weight	Article-No.
Pneumatic connection plate set 30×60	59.2 g	1.52.03061
<b>Single parts</b>		
Pneumatic connection plate for 30×60	1 40.0 g	1.52.03062
O-Ring 14×3	1 0.6 g	1.59.11403
T-Nut for subs. insertion F, M6	2 4.3 g	1.32.4FM6
Cap-screw DIN 912 - M6×12	2 5.0 g	0.63.D00912.06012

**40×80**

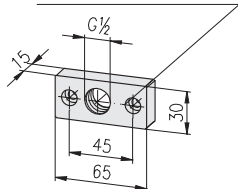
counterbore DIN 74 - M6



Description	Weight	Article-No.
Pneumatic connection plate set 40×80	80.6 g	1.52.14081
<b>Single parts</b>		
Pneumatic connection plate for 40×80	1 50.0 g	1.52.14082
O-Ring 20×3	1 0.6 g	1.59.12003
T-Nut for subs. insertion E, M6	2 10.0 g	1.32.4EM6
Cap-screw DIN 912 - M6×16	2 5.0 g	0.63.D00912.06016

**45×90**

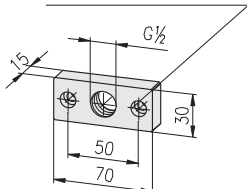
counterbore DIN 74 - M6



Description	Weight	Article-No.
Pneumatic connection plate set 45×90	84.6 g	1.52.04591
<b>Single parts</b>		
Pneumatic connection plate for 45×90	1 5.0 g	1.52.04592
O-Ring 20×3	1 0.6 g	1.59.12003
T-Nut for subs. insertion E, M6	2 10.0 g	1.32.4EM6
Cap-screw DIN 912 - M6×16	2 5.0 g	0.63.D00912.06016

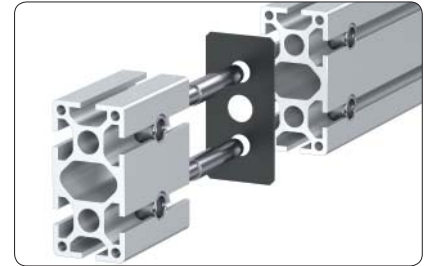
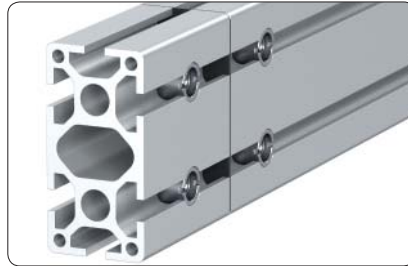
**50×100**

counterbore DIN 74 - M6



Description	Weight	Article-No.
Pneumatic connection plate set 50×100	90.6 g	1.52.15101
<b>Single parts</b>		
Pneumatic connection plate for 50×100	1 60.0 g	1.52.15102
O-Ring 20×3	1 0.6 g	1.59.12003
T-Nut for subs. insertion E, M6	2 10.0 g	1.32.4EM6
Cap-screw DIN 912 - M6×16	2 5.0 g	0.63.D00912.06016

## Pneumatic extension sets



For the extension of air pressurised profiles

**for profile 30×60**

Description	Pcs.	Weight	Article-No.
Pneumatic extension set 30×60		177 g	1.54.03061
<b>Single parts</b>			
Pneumatic seal 30×60	1	3 g	1.51.13062
Connector, profile extension	2	87 g	1.21.3V0

**for profile 40×80**

Pneumatic extension set 40×80		193 g	1.54.04081
<b>Single parts</b>			
Pneumatic seal 40×80	1	5 g	1.51.14082
Connector, profile extension	2	94 g	1.21.4V0

**for profile 45×90**

Pneumatic extension set 45×90		204 g	1.54.04591
<b>Single parts</b>			
Pneumatic seal 45×90	1	6 g	1.51.14592
Connector, profile extension	2	99 g	1.21.45V0

**for profile 50×100**

Pneumatic extension set 50×100		211 g	1.54.05101
<b>Single parts</b>			
Pneumatic seal 50×100	1	7 g	1.51.15102
Connector, profile extension	2	102 g	1.21.5V0

**for profile 50×150**

Pneumatic extension set 50×150		316 g	1.54.05151
<b>Single parts</b>			
Pneumatic seal 50×150	1	10 g	1.51.15152
Connector, profile extension	3	102 g	1.21.5V0

**for profile 60×90**

Pneumatic extension set 60×90		239 g	1.54.06091
<b>Single parts</b>			
Pneumatic seal 60×90	1	7 g	1.51.16092
Connector, profile extension	2	116 g	1.21.6V0

**for profile 80×80 angle**

Pneumatic extension set 80×80 W		289 g	1.54.08081W
<b>Single parts</b>			
Pneumatic seal 80×80 W	1	7 g	1.51.18082W
Connector, profile extension	3	94g	1.21.4V0

**for profile 80×80**

Pneumatic extension set 80×80		384 g	1.54.08081
<b>Single parts</b>			
Pneumatic seal 80×80	1	8 g	1.51.18082
Connector, profile extension	4	94 g	1.21.4V0

**for profile 100×100**

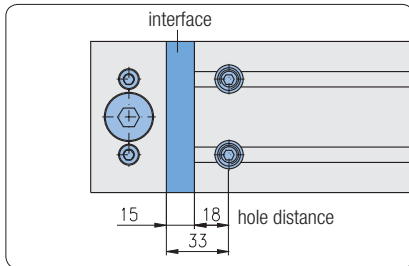
Pneumatic extension set 100×100		420 g	1.54.10101
<b>Single parts</b>			
Pneumatic seal 100×100	1	12 g	1.51.20102
Connector, profile extension	4	102 g	1.21.5V0



## Pneumatic 90° connection sets



For 90° connections of air pressurised profiles



For the connection of profile 80×80, 100×100 a pneumatic connecting plate must be inserted to seal the chamber inside


**for profile 30×60**

Description	Pcs.	Weight	Article-No.
Pneumatic 90° connection set 30×60		99 g	1.55.03061
<b>Single parts</b>			
Pneumatic seal 30×60	1	3 g	1.51.13062
Connector, standard 90°	2	48 g	1.21.3F2

**for profile 40×80**

Pneumatic 90° connection set 40×80		115 g	1.55.04081
<b>Single parts</b>			
Pneumatic seal 40×80	1	5 g	1.51.14082
Connector, standard 90°	2	55 g	1.21.4E2

**for profile 45×90**

Pneumatic 90° connection set 45×90		63 g	1.55.04591
<b>Single parts</b>			
Pneumatic seal 45×90	1	6 g	1.51.14592
Connector, standard 90°	2	57 g	1.21.45E2

**for profile 50×100**

Pneumatic 90° connection set 50×100		125 g	1.55.05101
<b>Single parts</b>			
Pneumatic seal 50×100	1	7 g	1.51.15102
Connector, standard 90°	2	59 g	1.21.5E2

**for profile 50×150**

Pneumatic 90° connection set 50×150		187 g	1.55.05151
<b>Single parts</b>			
Pneumatic seal 50×150	1	10 g	1.51.15152
Connector, standard 90°	3	59 g	1.21.5E2

**for profile 60×90**

Pneumatic 90° connection set 60×90		70 g	1.55.06091
<b>Single parts</b>			
Pneumatic seal 60×90	1	7 g	1.51.16092
Connector, standard 90°	2	63 g	1.21.6E2

**for profile 80×80**

Pneumatic 90° connection set 80×80		446 g	1.55.08081
<b>Single parts</b>			
Pneumatic seal 80×80	1	8 g	1.51.18082
Connector, standard 90°	4	55 g	1.21.4E2
Pneumatic connecting plate	1	217 g	1.55.08084
O-Ring 20×3	1	0.6 g	1.59.12003

for profile 100×100

Description	Pcs.	Weight	Article-No.
Pneumatic 90° connection set 100×100		618 g	1.55.10101
<b>Single parts</b>			
Pneumatic seal 100×100	1	12 g	1.51.20102
Connector, standard 90°	4	55 g	1.21.5E2
Pneumatic connecting plate	1	369 g	1.55.10104
O-Ring 20×3	1	0.6 g	1.59.12003

**Pneumatic accessories**



**Application**

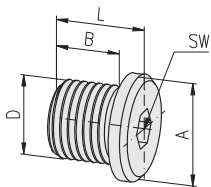
Blanking plug for the connection thread



**Application**

Reducing nipple to reduce the connection thread

**Blanking plug**



**Technical data**

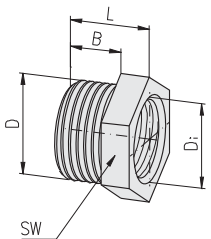
- material:
- blanking plug: steel, galvanised
  - sealing: NBR

**Comments**

Including sealing

Description	D	A	B	L	SW	Weight	Article-No.
Blanking plug,	B-1/4"	18	12	15	6	15 g	1.59.01030
Blanking plug,	B-1/2"	26	14	18	10	43 g	1.59.01050

**Reducing nipple**

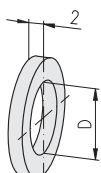


**Technical data**

material: brass

Description	Di	D	B	L	SW	Weight	Article-No.
Reducing nipple,	1/4" i - 3/8" a		9	14	19	14 g	1.59.02040
Reducing nipple,	3/8" i - 1/2" a		10	14	22	25 g	1.59.02050

**Sealing ring**  
for reducing nipple



**Technical data**

material: PA, white

Description	D	Weight	Article-No.
Sealing ring	Ø1/4"	1 g	1.59.03030
Sealing ring	Ø3/8"	1 g	1.59.03040
Sealing ring	Ø1/2"	2 g	1.59.03050