

SCREWS AND UNIVERSAL FASTENERS

4

Screws
Locating Washers
Bracket Flat and Angle Bracket Right-Angled
Adapter Profiles

Screws and universal fasteners
Products in this section

4



Button-Head Screws ISO 7380

- High-strength standard screws for the MB Building Kit System
- Specifically suitable for use in the profile groove

147



Caps, Button-Head Screws

- Protect screws and screw heads from dirt and corrosion
- For use with item Button-Head Screws M6 and M8

151



Hexagon Socket Head Cap Screws

- Screws for universal use
- High property class of 10.9

152



Countersunk Screws DIN 7991

- For screw connections that are flush with the surface of components and panel elements
- Secure hold for panels

154



Locating Washers

- Rear fastening of screws in the groove
- Suitable for use with Button-Head Screws ISO 7390

155



Angle Bracket Zn

- Variable angle brackets for fastening components
- Slots for wide adjustment range

157



Bracket flat and Angle Bracket right-angled

- Universal fastening elements
- For panel elements, light-weight shelving, etc.

158



Flat Bracket 8 D40/D40

- Connect two cylindrical Profiles D40
- For constructing room dividers, partitions and sound protection walls

160



Adapter Profile 12/8

- For fitting elements from Line 8 to a Line 12 groove
- The Adapter Profile makes a Line 12 groove smaller

161



Button-Head Screws ISO 7380

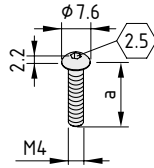
- High-strength standard screws for the MB Building Kit System
- Specifically suitable for use in the profile groove

4

The following applies to all the products below:

St

Property class 10.9 (bright zinc-plated designs)



Button-Head Screw M4x8

a = 8 mm m = 1.1 g

bright zinc-plated, 1 pce.

8.0.001.98

Button-Head Screw M4x10

a = 10 mm m = 1.3 g

bright zinc-plated, 1 pce.

8.0.002.01

Button-Head Screw M4x12

a = 12 mm m = 1.5 g

bright zinc-plated, 1 pce.

8.0.002.04

Button-Head Screw M4x14

a = 14 mm m = 1.6 g

bright zinc-plated, 1 pce.

8.0.002.07

Button-Head Screw M4x16

a = 16 mm m = 1.8 g

bright zinc-plated, 1 pce.

8.0.000.05

Button-Head Screw M4x18

a = 18 mm m = 2.0 g

bright zinc-plated, 1 pce.

8.0.002.10

Button-Head Screw M4x20

a = 20 mm m = 2.2 g

bright zinc-plated, 1 pce.

8.0.002.13

Button-Head Screw M4x22

a = 22 mm m = 2.4 g

bright zinc-plated, 1 pce.

8.0.002.16

Button-Head Screw M4x25

a = 25 mm m = 2.7 g

bright zinc-plated, 1 pce.

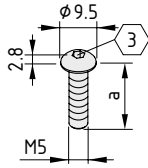
8.0.002.19

Button-Head Screw M4x30

a = 30 mm m = 3.1 g

bright zinc-plated, 1 pce.

8.0.002.22



Button-Head Screw M5x8	
a = 8 mm	m = 1.8 g
bright zinc-plated, 1 pce.	
8.0.000.24	

Button-Head Screw M5x10	
a = 10 mm	m = 2.0 g
bright zinc-plated, 1 pce.	
8.0.000.06	

Button-Head Screw M5x12	
a = 12 mm	m = 2.3 g
bright zinc-plated, 1 pce.	
8.0.005.45	

Button-Head Screw M5x14	
a = 14 mm	m = 2.6 g
bright zinc-plated, 1 pce.	
0.0.417.30	

Button-Head Screw M5x16	
a = 16 mm	m = 2.8 g
bright zinc-plated, 1 pce.	
8.0.000.07	

Button-Head Screw M5x18	
a = 18 mm	m = 3.0 g
bright zinc-plated, 1 pce.	
8.0.002.25	

Button-Head Screw M5x20	
a = 20 mm	m = 3.2 g
bright zinc-plated, 1 pce.	
0.0.404.11	

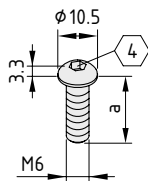
Button-Head Screw M5x25	
a = 25 mm	m = 3.8 g
bright zinc-plated, 1 pce.	
8.0.000.25	

Button-Head Screw M5x30	
a = 30 mm	m = 4.4 g
bright zinc-plated, 1 pce.	
8.0.002.31	

Button-Head Screw M5x35	
a = 35 mm	m = 5.0 g
bright zinc-plated, 1 pce.	
8.0.002.34	

Button-Head Screw M5x40	
a = 40 mm	m = 5.6 g
bright zinc-plated, 1 pce.	
0.0.391.26	

Button-Head Screw M5x45	
a = 45 mm	m = 6.2 g
bright zinc-plated, 1 pce.	
8.0.005.24	



Button-Head Screw M6x10	
a = 10 mm	m = 2.8 g
bright zinc-plated, 1 pce.	
8.0.002.37	

Button-Head Screw M6x12	
a = 12 mm	m = 3.2 g
bright zinc-plated, 1 pce.	
8.0.002.40	

Button-Head Screw M6x14

a = 14 mm m = 3.6 g

bright zinc-plated, 1 pce.

0.0.417.26

Button-Head Screw M6x16

a = 16 mm m = 3.8 g

bright zinc-plated, 1 pce.

8.0.000.63

Button-Head Screw M6x18

a = 18 mm m = 4.2 g

bright zinc-plated, 1 pce.

8.0.002.45

Button-Head Screw M6x20

a = 20 mm m = 4.5 g

bright zinc-plated, 1 pce.

8.0.000.08

Button-Head Screw M6x22

a = 22 mm m = 4.9 g

bright zinc-plated, 1 pce.

8.0.002.48

stainless, 1 pce.

8.0.005.56

Button-Head Screw M6x25

a = 25 mm m = 5.4 g

bright zinc-plated, 1 pce.

8.0.000.01

Button-Head Screw M6x30

a = 30 mm m = 6.2 g

bright zinc-plated, 1 pce.

8.0.000.15

Button-Head Screw M6x35

a = 35 mm m = 7.1 g

bright zinc-plated, 1 pce.

8.0.000.16

Button-Head Screw M6x40

a = 40 mm m = 7.9 g

bright zinc-plated, 1 pce.

8.0.001.15

Button-Head Screw M6x45

a = 45 mm m = 8.8 g

bright zinc-plated, 1 pce.

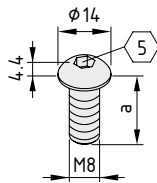
8.0.002.53

Button-Head Screw M6x50

a = 50 mm m = 9.6 g

bright zinc-plated, 1 pce.

8.0.002.56

**Button-Head Screw M8x10**

a = 10 mm m = 4.4 g

bright zinc-plated, 1 pce.

8.0.000.17

Button-Head Screw M8x12

a = 12 mm m = 5.1 g

bright zinc-plated, 1 pce.

8.0.002.59

Button-Head Screw M8x14

a = 14 mm m = 6.1 g

bright zinc-plated, 1 pce.

8.0.000.18

Button-Head Screw M8x16		
a = 16 mm	m = 7.2 g	
bright zinc-plated, 1 pce.		8.0.000.19
Button-Head Screw M8x18		
a = 18 mm	m = 7.4 g	
bright zinc-plated, 1 pce.		8.0.000.02
Button-Head Screw M8x20		
a = 20 mm	m = 8.6 g	
bright zinc-plated, 1 pce.		8.0.009.11
Button-Head Screw M8x25		
a = 25 mm	m = 10.1 g	
bright zinc-plated, 1 pce.		8.0.000.04
Button-Head Screw M8x30		
a = 30 mm	m = 12.0 g	
bright zinc-plated, 1 pce.		8.0.000.09
Button-Head Screw M8x35		
a = 35 mm	m = 13.9 g	
bright zinc-plated, 1 pce.		8.0.002.65
Button-Head Screw M8x40		
a = 40 mm	m = 15.8 g	
bright zinc-plated, 1 pce.		8.0.000.10
Button-Head Screw M8x45		
a = 45 mm	m = 17.9 g	
bright zinc-plated, 1 pce.		8.0.000.20
Button-Head Screw M8x50		
a = 50 mm	m = 19.6 g	
bright zinc-plated, 1 pce.		8.0.002.68
Button-Head Screw M8x55		
a = 55 mm	m = 21.5 g	
bright zinc-plated, 1 pce.		8.0.002.71
Button-Head Screw M8x60		
a = 60 mm	m = 23.5 g	
bright zinc-plated, 1 pce.		8.0.000.11
Button-Head Screw M8x80		
a = 80 mm	m = 27.7 g	
bright zinc-plated, 1 pce.		8.0.000.12



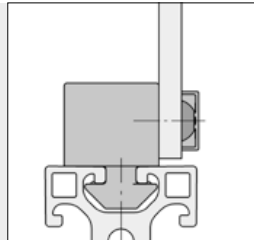
Cap, Button-Head Screw

- Protect screws and screw heads from dirt and corrosion
- For use with item Button-Head Screws M6 and M8

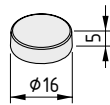


4

The Caps cover the hexagon socket of the screw head and the gap around the screw connection. They are suitable for Button-Head Screws and button-head flange screws.



Application of the Cap, Button-Head Screw M6 on Button-Head Screws used to fasten panel elements to Multiblocks.



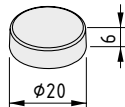
Cap, Button-Head Screw M6



PA-GF
m = 0.4 g

grey similar to RAL 7042, 1 pce.

0.0.606.61



Cap, Button-Head Screw M8



PA-GF
m = 0.9 g

grey similar to RAL 7042, 1 pce.

0.0.606.67

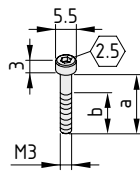


Hexagon Socket Head Cap Screws

- Screws for universal use
- Various diameters and lengths
- High property class of 10.9

The following applies to all the products below:

St
property class 10.9

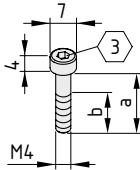


Hexagon Socket Head Cap Screw DIN 912 M3x50

a = 50 mm b = 18 mm m = 2.9 g

black, 1 pce.

8.0.004.61



Hexagon Socket Head Cap Screw DIN 912 M3x60

a = 60 mm b = 18 mm m = 3.3 g

black, 1 pce.

8.0.004.83

Hexagon Socket Head Cap Screw DIN 912 M4x14

a = 14 mm b = 14 mm m = 2.0 g

bright zinc-plated, 1 pce.

8.0.000.21

Hexagon Socket Head Cap Screw DIN 912 M4x16

a = 16 mm b = 16 mm m = 2.1 g

bright zinc-plated, 1 pce.

8.0.000.28

Hexagon Socket Head Cap Screw DIN 912 M4x18

a = 18 mm b = 18 mm m = 2.2 g

bright zinc-plated, 1 pce.

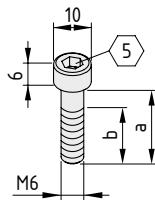
8.0.000.22

Hexagon Socket Head Cap Screw DIN 912 M4x20

a = 20 mm b = 20 mm m = 2.4 g

bright zinc-plated, 1 pce.

8.0.000.23



Hexagon Socket Head Cap Screw DIN 912 M6x12

a = 12 mm b = 12 mm m = 5.0 g

bright zinc-plated, 1 pce.

8.0.007.16

Hexagon Socket Head Cap Screw DIN 912 M6x14

a = 14 mm b = 14 mm m = 5.4 g

bright zinc-plated, 1 pce.

8.0.007.99

Hexagon Socket Head Cap Screw DIN 912 M6x20

a = 20 mm b = 20 mm m = 6.0 g

bright zinc-plated, 1 pce.

8.0.000.92

Hexagon Socket Head Cap Screw DIN 912 M6x28

a = 28 mm b = 24 mm m = 7.5 g

bright zinc-plated, 1 pce.

0.0.411.59

Hexagon Socket Head Cap Screw DIN 912 M6x100

a = 100 mm b = 24 mm m = 23.0 g

bright zinc-plated, 1 pce.

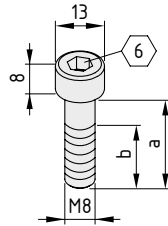
8.0.004.70

Hexagon Socket Head Cap Screw DIN 912 M6x140

a = 140 mm b = 24 mm m = 31.5 g

bright zinc-plated, 1 pce.

8.0.004.74

**Hexagon Socket Head Cap Screw DIN 912 M8x60**

a = 60 mm b = 28 mm m = 29.0 g

bright zinc-plated, 1 pce.

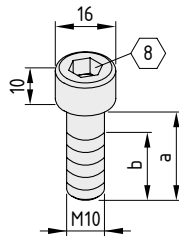
8.0.006.36

Hexagon Socket Head Cap Screw DIN 912 M8x180

a = 180 mm b = 28 mm m = 66.5 g

bright zinc-plated, 1 pce.

8.0.008.88

**Hexagon Socket Head Cap Screw DIN 912 M10x60**

a = 60 mm b = 32 mm m = 44.0 g

bright zinc-plated, 1 pce.

8.0.003.98

Hexagon Socket Head Cap Screw DIN 912 M10x100

a = 100 mm b = 32 mm m = 68.5 g

bright zinc-plated, 1 pce.

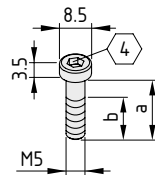
8.0.004.47

Hexagon Socket Head Cap Screw DIN 912 M10x140

a = 140 mm b = 32 mm m = 92.5 g

bright zinc-plated, 1 pce.

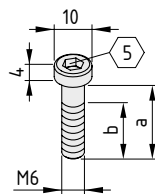
8.0.004.50

**Hexagon Socket Head Cap Screw DIN 6912 M5x8**

a = 8 mm b = 8 mm m = 2.6 g

bright zinc-plated, 1 pce.

8.0.004.34

**Hexagon Socket Head Cap Screw DIN 6912 M6x40**

a = 40 mm b = 24 mm m = 9.5 g

bright zinc-plated, 1 pce.

8.0.007.43

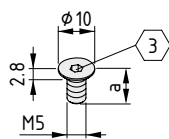


Countersunk Screws DIN 7991

- For screw connections that are flush with the surface of components and panel elements

The following applies to all the products below:

St
property class 10.9

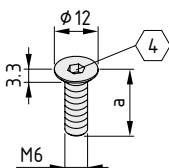


Countersunk Screw DIN 7991 M5x10

a = 10 mm m = 1.8 g

black, 1 pce.

8.0.001.84



Countersunk Screw DIN 7991 M6x10

a = 10 mm m = 2.7 g

black, 1 pce.

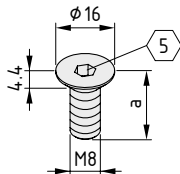
8.0.007.48

Countersunk Screw DIN 7991 M6x14

a = 14 mm m = 3.2 g

bright zinc-plated, 1 pce.

8.0.005.17



Countersunk Screw DIN 7991 M8x14

a = 14 mm m = 7.1 g

black, 1 pce.

8.0.007.07

Countersunk Screw DIN 7991 M8x16

a = 16 mm m = 7.4 g

bright zinc-plated, 1 pce.

8.0.001.09

Countersunk Screw DIN 7991 M8x18

a = 18 mm m = 7.7 g

black, 1 pce.

8.0.001.85

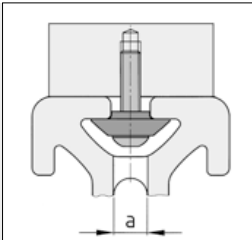


Locating Washers

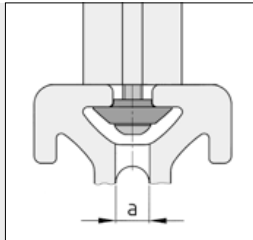
- Rear fastening of screws in the groove
- Suitable for use with Button-Head Screws ISO 7390



4

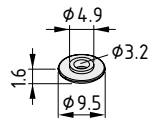


Locating Washers can be used to conceal the component securing mechanism (screw head in profile groove, thread in component).



In addition, the Locating Washers allow Standard Connections (without anti-torsion element) between profiles of different Lines or they may be used simply to centre attachments.

Locating Washer	a _{min.}
5 D3	∅ 3.0
5 D4	∅ 3.5
6 D3	∅ 3.0
6 D4	∅ 3.5
6 D5	∅ 4.0
8 D4	∅ 3.5
8 D5	∅ 4.0
8 D6	∅ 5.0

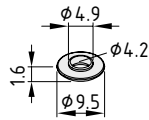


Locating Washer 5 D3



St
m = 0.6 g
bright zinc-plated, 1 pce.

0.0.444.48

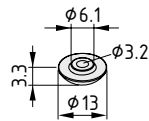


Locating Washer 5 D4



St
m = 0.6 g
bright zinc-plated, 1 pce.

0.0.444.47

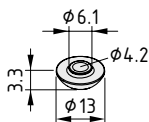


Locating Washer 6 D3



St
m = 2.3 g
bright zinc-plated, 1 pce.

0.0.444.46

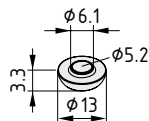


Locating Washer 6 D4



St
m = 2.3 g
bright zinc-plated, 1 pce.

0.0.444.45

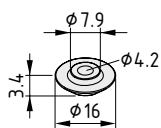


Locating Washer 6 D5



St
m = 2.4 g
bright zinc-plated, 1 pce.

0.0.444.44

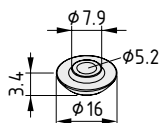


Locating Washer 8 D4



St
m = 3.7 g

bright zinc-plated, 1 pce. 0.0.444.43

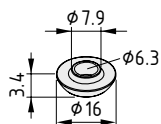


Locating Washer 8 D5



St
m = 3.8 g

bright zinc-plated, 1 pce. 0.0.444.42



Locating Washer 8 D6



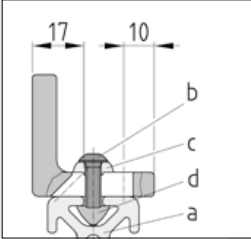
St
m = 3.8 g

bright zinc-plated, 1 pce. 0.0.444.41

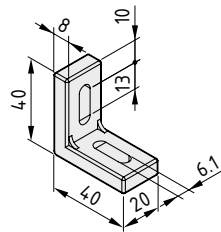


Angle Bracket Zn

- Variable angle bracket for fastening components
- Slots for wide adjustment range



Profile	a	5	6	8	10	12
Screw ISO 7380	b	M5x16	M5x20	M6x20	M6x22	M6x25
	c	Locating Washer 6 D5		Washer DIN 9021-6,4		
T-Slot Nut	d	5 St M5	6 St M5	8 St M6	10 St M6	12 St M6

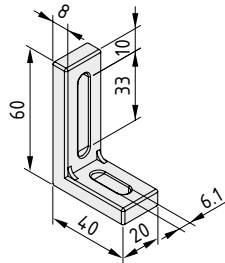


Bracket 40x40x20 Zn

Die-cast zinc
m = 63.0 g

black, 1 pce.

0.0.474.60

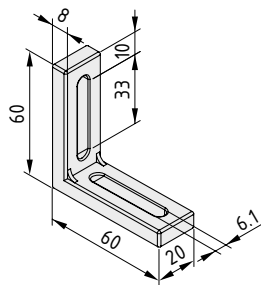


Bracket 60x40x20 Zn

Die-cast zinc
m = 77.0 g

black, 1 pce.

0.0.474.61

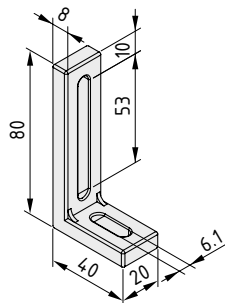


Bracket 60x60x20 Zn

Die-cast zinc
m = 92.0 g

black, 1 pce.

0.0.474.62



Bracket 80x40x20 Zn

Die-cast zinc
m = 92.0 g

black, 1 pce.

0.0.474.63

4



Bracket flat and Angle Bracket right-angled

- Universal fastening elements
- For panel elements, lightweight shelving, etc.

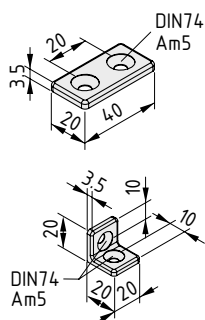


Fastening elements suitable for connecting and attaching cable conduits, Support and Wall Profiles, panel elements or any other components.

When connecting Bracket flat and Angle Bracket right-angled to components without profile grooves, these must be provided with appropriate through bores or threads.



Angle Bracket 8 40 right-angled can also be used to support a table top on a profile structure.



Bracket 5 20 flat



St
m = 16.4 g

black, 1 pce.

0.0.464.23

Angle Bracket 5 20 right-angled



St
m = 15.0 g

black, 1 pce.

0.0.464.22

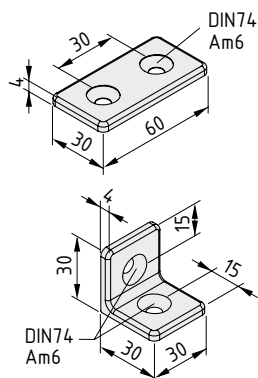
Fastening Set 5 for Bracket / Angle Bracket 5 20 / profile side for Hinge 5 PA



Countersunk Screw DIN 7991-M5x8, St, black
T-Slot Nut 5 St M5, bright zinc-plated
m = 2.5 g

1 set

0.0.370.70



Bracket 6 30 flat



St
m = 38.4 g

black, 1 pce.

0.0.459.11

Angle Bracket 6 30 right-angled



St
m = 37.0 g

black, 1 pce.

0.0.459.12

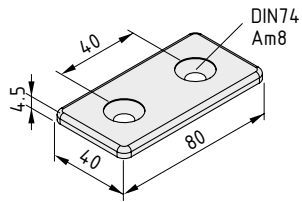
Fastening Set 6 for Bracket / Angle Bracket 6 30



Countersunk Screw DIN 7991-M6x10, St, black
T-Slot Nut 6 St M6, bright zinc-plated
m = 7.0 g

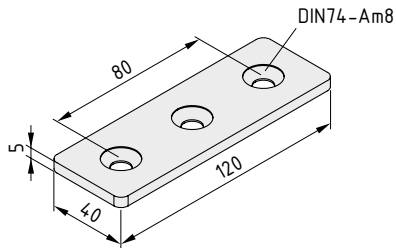
1 set

0.0.459.26

**Bracket 8 40 flat**

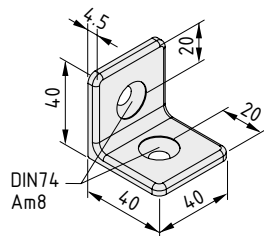
St
m = 91.1 g
black, 1 pce.

0.0.196.86

**Bracket 8 120x40 flat**

St
m = 173.0 g
black, 1 pce.

0.0.640.54

**Angle Bracket 8 40 right-angled**

St
m = 90.0 g
black, 1 pce.

0.0.196.87

Fastening Set 8 for Angle Bracket 8 40 / Bracket 8 40 flat

Countersunk Screw DIN 7991-M8x14, St, black
T-Slot Nut 8 St M8, bright zinc-plated
m = 16.0 g

1 set

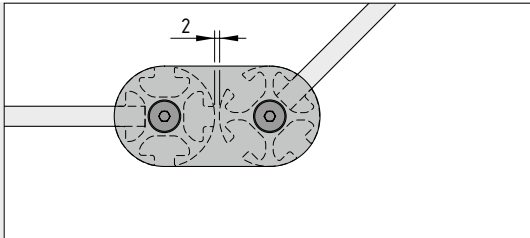
0.0.350.17

4



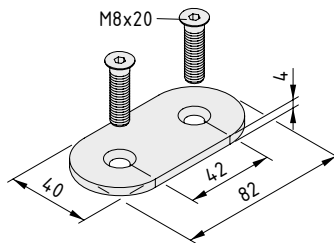
Flat Bracket 8 D40/D40

- Connect two cylindrical Profiles 8 D40
- For constructing room dividers, partitions and sound protection walls



Note

You can create partition elements made from Profiles D40 using just the accessories returned by a search for "D40" in the online catalogue at www.item.info.



Bracket 8 D40/D40 flat



St
2 Countersunk Screws M8x20, St, bright zinc-plated
m = 102.0 g

white aluminium, similar to RAL 9006, 1 set

0.0.628.63



Adapter Profile 12/8

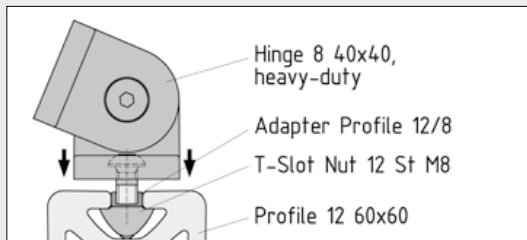
- For fitting elements from Line 8 to a Line 12 groove
- The Adapter Profile makes a Line 12 groove smaller



4

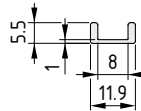
Adapter Profile with and without drilled holes for fastening various attachments from Line 8 to a Line 12 groove.

Hinges, heavy-duty hinges, multiblocks and many other elements are equipped with anti-torsion elements and centring aids that are intended for use with the Line 8 groove. These can be attached to Line 12 profiles using Adapter Profile 12/8 without losing the centring effect.



Application example:

Connecting a Hinge 8 40x40, heavy duty with a Profile 12 using Adapter Profile 12/8 Al. The anti-torsion features of the heavy-duty Hinge in the groove remain effective.



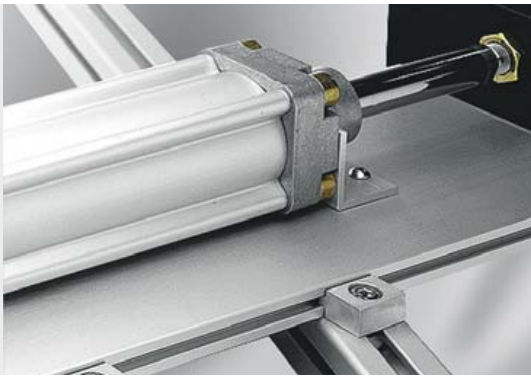
Adapter Profile 12/8 Al

Al, anodized
m = 75 g/m

natural, 1 pce., length 2000 mm

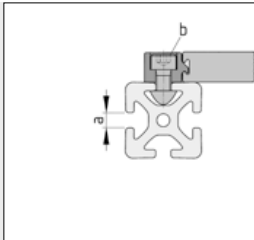


0.0.003.24

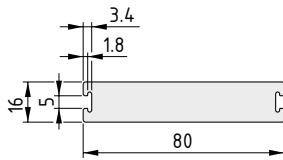
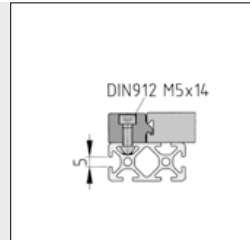


Adapter Plate Profiles

- For fastening functional elements to profile constructions
- Secure hold thanks to clamping elements
- Can be machined to suit requirements



a	b Hexagon Socket Head Cap Screw	Torque M
5	DIN 912 M5x14	4.5 Nm
6	DIN 912 M6x16	10.0 Nm
8	DIN 912 M8x16	10.0 Nm



Adapter Plate Profile 80x16 N5

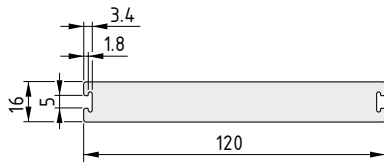
Al, anodized
m = 3.34 g/m

natural, cut-off max. 2000 mm

0.0.444.81

natural, 1 pce., length 2000 mm

0.0.444.06



Adapter Plate Profile 120x16 N5

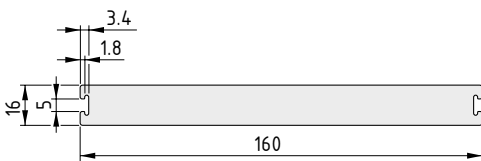
Al, anodized
m = 5.07 g/m

natural, cut-off max. 2000 mm

0.0.444.82

natural, 1 pce., length 2000 mm

0.0.444.07



Adapter Plate Profile 160x16 N5

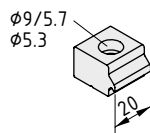
Al, anodized
m = 6.79 g/m

natural, cut-off max. 2000 mm

0.0.444.83

natural, 1 pce., length 2000 mm

0.0.444.08



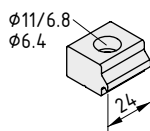
Adapter Plate Clamp 5 N5



Al, anodized
m = 15.0 g

natural, 1 pce.

0.0.444.03



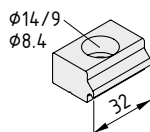
Adapter Plate Clamp 6 N5



Al, anodized
m = 17.0 g

natural, 1 pce.

0.0.444.04



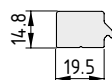
Adapter Plate Clamp 8 N5



Al, anodized
m = 22.0 g

natural, 1 pce.

0.0.444.05



Adapter Plate Clamping Profile N5

Al, anodized
m = 0.82 g/m

natural, cut-off max. 2000 mm

0.0.444.84

natural, 1 pce., length 2000 mm

0.0.444.09