Direct-Fastening Set 8

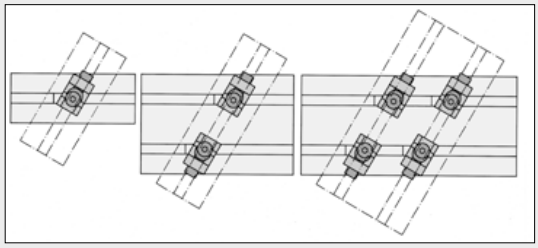
- Power-lock connection for profiles that cross
- Profile sides abut against each other

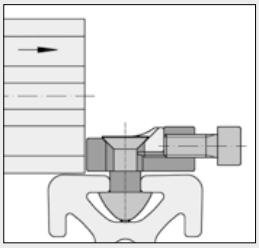
8 item Innovation

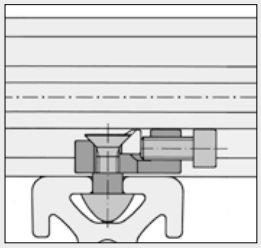
Power-lock connection (without machining) of two Profiles 8 that touch along their outer faces. The profiles can also run in parallel over a certain distance.
Both profiles can be moved in the direction of the groove.

The Direct-Fastening Set is particularly suitable for connecting the profiles of ball-bush block guides with other profiles, so that the profiles can be moved and no machining is required.

Note: Where anodized surfaces are to be fitted together, we recommend greasing the contact points. This minimises the level of noise generated.

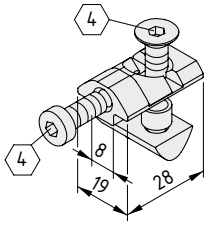






Installation note:
Loosen the Hexagon Socket Head Cap Screw to free up the maximum adjustment range of the small wedge, then tighten the Countersunk Screw so that the profiles can only just be moved by hand.

After positioning both profiles, tension the Direct-Fastening Set by tightening the Hex. Socket Head Cap Screw.



Direct-Fastening Set 8 8

Fastener, cast steel
Countersunk Screw DIN 7991-M6x20, St
Hexagon Socket Head Cap Screw DIN 7984-M6x14, St
Spacer sleeve, POM, black
T-Slot Nut 8 St M6
$M_{bright\ zinc\text{-}plated}$ = 5.5 Nm m = 37.0 g

bright zinc-plated, 1 set	0.0.388.63

Direct-Fastening Set 8 8

$M_{stainless}$ = 4.5 Nm m = 37.0 g

stainless, 1 set	0.0.440.65

Click-Fastening Set 8

Adjustable and fast

- For profiles that cross, can be fitted at any position
- For assembling struts without the need for machining
- Particularly quick to fit
- Ideal for temporary structures

reddot design award honourable mention 2009

8 item Innovation

The item MB Building Kit System opens up a whole new dimension in flexibility. Profiles can be connected to other profiles at any position and at virtually any angle without machining.

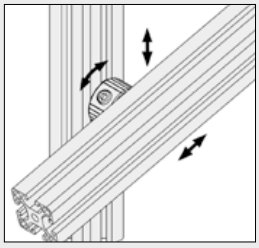
Profile sections are attached to existing constructions and are employed as re-usable, variable struts. Thanks to the Click-Fastening Set, profiles no longer need to be cut off with absolute accuracy!

The Click-Fastening Set is particularly attractive for temporary structures - modifications can be made quickly and easily!

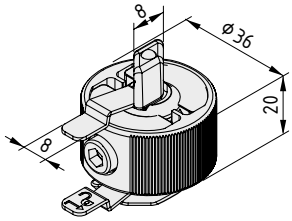
Mount the CLICK-Fastening Set onto the profile groove and lock in position (CLICK!).

Connect the CLICK-Fastening Set with the second profile.

Align the CLICK-Fastening Set and tighten the tensioning screw.



Dismantling: Loosen the tensioning screw, lift the locking strip out of the profile groove and swivel it back.
The CLICK-Fastening Set does not need to be taken apart and is immediately ready for use again.



Click-Fastening Set 8	8
Clamping profile Al, natural Clamping elements, St, stainless Locking strips, St, stainless Hex. Socket Head Cap Screw M6x25, St, bright zinc-plated m = 105.0 g	
1 set	0.0.489.79

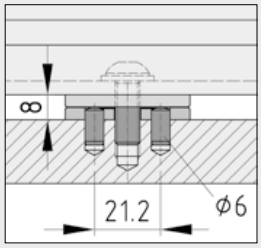
Face Fastening Set 8

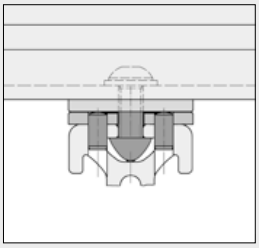
- Toothed fastener reinforces the rigid angled connection
- For inclined working surfaces
- Adjustment in 5° increments with anti-torsion feature

Face Fastening Set 8 is used to create a rigid angled connection between two profiles whose grooved sides face each other.
It can also be used to connect the end face of one profile to the grooved side of another profile.

The two halves of the Face Fastening Set are located between the profiles being connected.

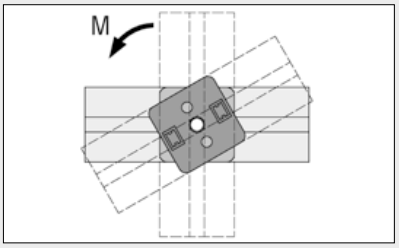
A clamp lever extending all the way through may be used with Face Fastening Set 8 to facilitate adjustment.





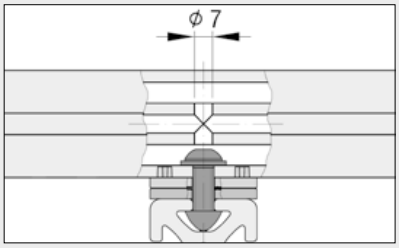
The anti-torsion blocks must be removed when attaching to panel elements.

Position of the fixing bores in the panel elements and profiles. These fixing bores are predrilled in the fastener (∅ 5.8 mm).

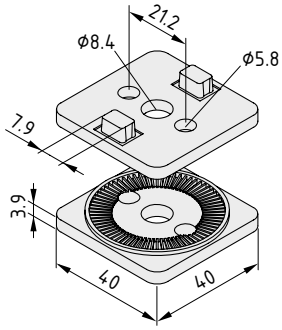


The angle between the profiles can be selected in 5° increments. The toothing ensures that the two halves fit together securely at the correct angle.

The two halves must be pinned together if a moment of M > 10 Nm is applied to the Face Fastening Set.
The permissible load is $M_{max.}$ = 20 Nm.



Two Line 8 Profiles are screw-connected using screw ISO 7380-M8x25, Washer DIN 125-8,4 and T-Slot Nut 8 St M8.
An access hole must be made in one of the profiles to accommodate the Allen key.



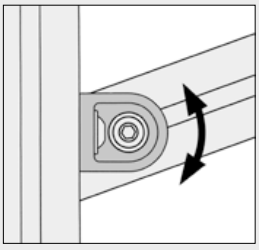
Face Fastening Set 8	8
Die-cast zinc m = 71.0 g	
black, 1 set	0.0.474.44

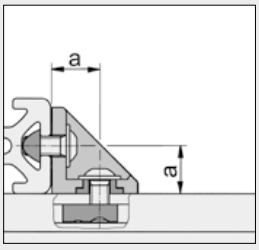
Angle Hinge Brackets, Angle Clamp Brackets

- Simple, secure fixing for profiles that cross
- Adjustable via angle bracket with clamp lever
- For creating any angle

5 6 8

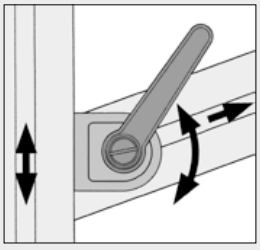
The Angle Hinge Brackets and Angle Clamp Brackets are used for connecting two profiles of the same Line whose side faces are in contact and which cross at an angle.

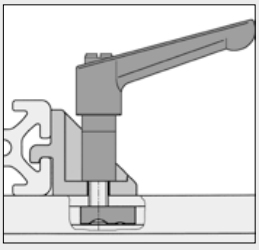




Angle Hinge Bracket	5	6	8
a	10 mm	15 mm	20 mm

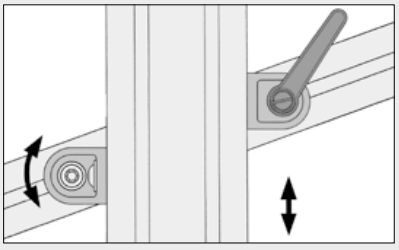
The Angle Hinge Bracket serves as a fixed point of rotation for profiles crossing each other. When the screws are tight, the rotational position around the bearing bush can still be selected at will.



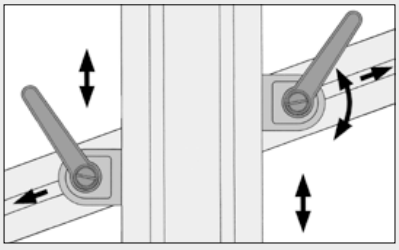


The Angle Clamp Bracket can be used in combination with an Angle Hinge Bracket or a second Angle Clamp Bracket to provide a simple connection between two crossing profiles.

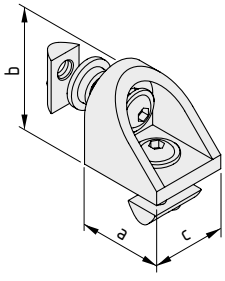
Loosening the screw or clamp lever releases the tension in the two profile grooves and allows rotation at any angle and movement along the grooves.



Combination of Angle Hinge Bracket and Angle Clamp Bracket, e.g. for adjusting the angle of a shelf around a fixed point of rotation.



Combination of two Angle Clamp Brackets, e.g. for adjusting a rest (in terms of height, lateral location and angle).



The following applies to all the sets below:
Angle bracket, die-cast zinc, RAL 9006 white aluminium
Fastening materials

Angle Hinge Bracket 5 5

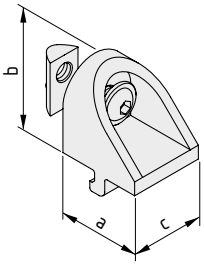
a [mm]	b [mm]	c [mm]	m [g]	
18	18	16	20.0	
1 set				0.0.437.83

Angle Hinge Bracket 6 6

a [mm]	b [mm]	c [mm]	m [g]	
27	27	24	65.0	
1 set				0.0.441.97

Angle Hinge Bracket 8 8

a [mm]	b [mm]	c [mm]	m [g]	
36	36	32	135.0	
1 set				0.0.457.76



Angle Clamp Bracket 5 5

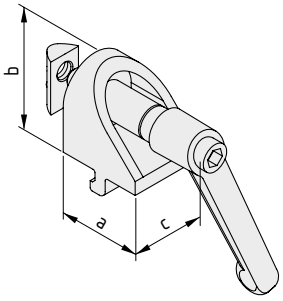
a [mm]	b [mm]	c [mm]	m [g]	
18	18	16	19.0	
1 set				0.0.437.84

Angle Clamp Bracket 6 6

a [mm]	b [mm]	c [mm]	m [g]	
27	27	24	66.0	
1 set				0.0.441.98

Angle Clamp Bracket 8 8

a [mm]	b [mm]	c [mm]	m [g]	
36	36	32	130.0	
1 set				0.0.457.77



Angle Clamp Bracket 5 with Clamp Lever 5

a [mm]	b [mm]	c [mm]	m [g]	
18	18	16	51.0	
1 set				0.0.437.85

Angle Clamp Bracket 6 with Clamp Lever 6

a [mm]	b [mm]	c [mm]	m [g]	
27	27	24	103.0	
1 set				0.0.441.99

Angle Clamp Bracket 8 with Clamp Lever 8

a [mm]	b [mm]	c [mm]	m [g]	
36	36	32	225.0	
1 set				0.0.457.78