

Legs

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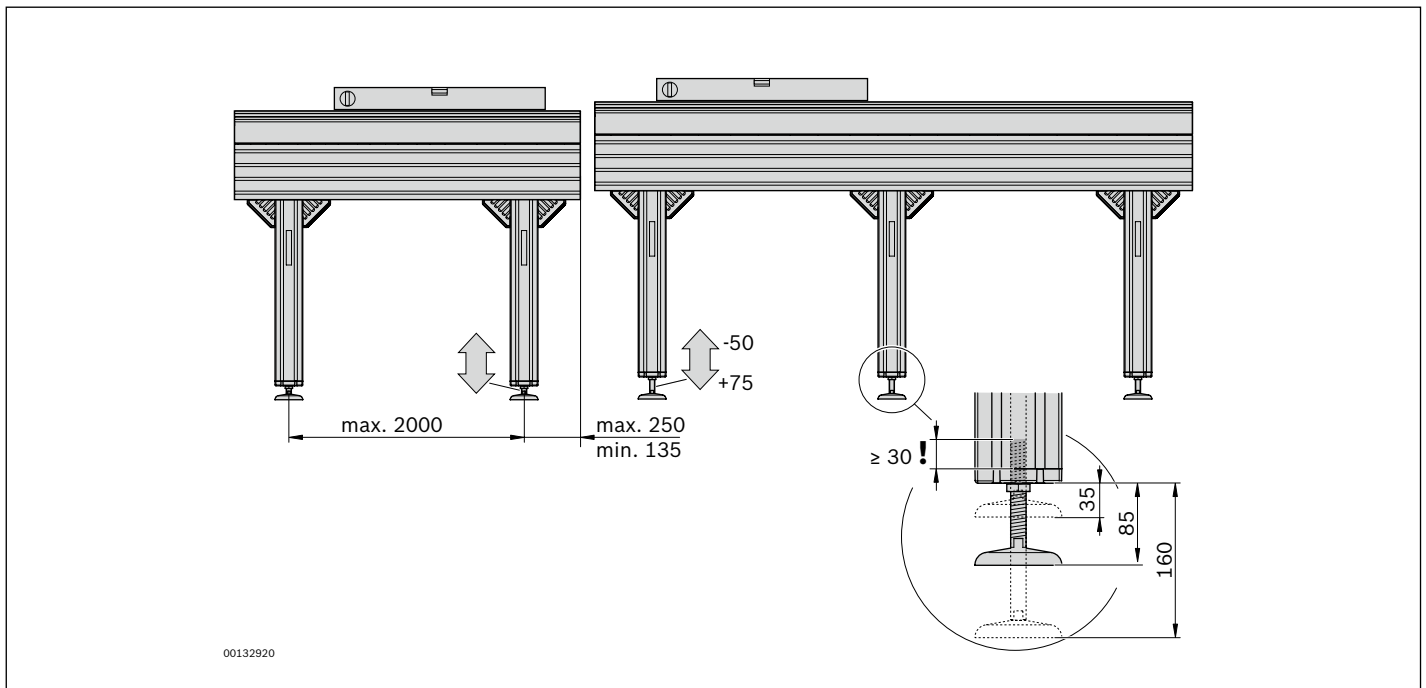
Design

Leg sets

Leg sets support the conveyor section. We recommend providing a separate leg set for every module (conveyor unit, curve, diverter, junction) in order to compensate for height tolerances at the transitions.

A max. leg distance of 2,000 mm must be maintained per workpiece pallet.

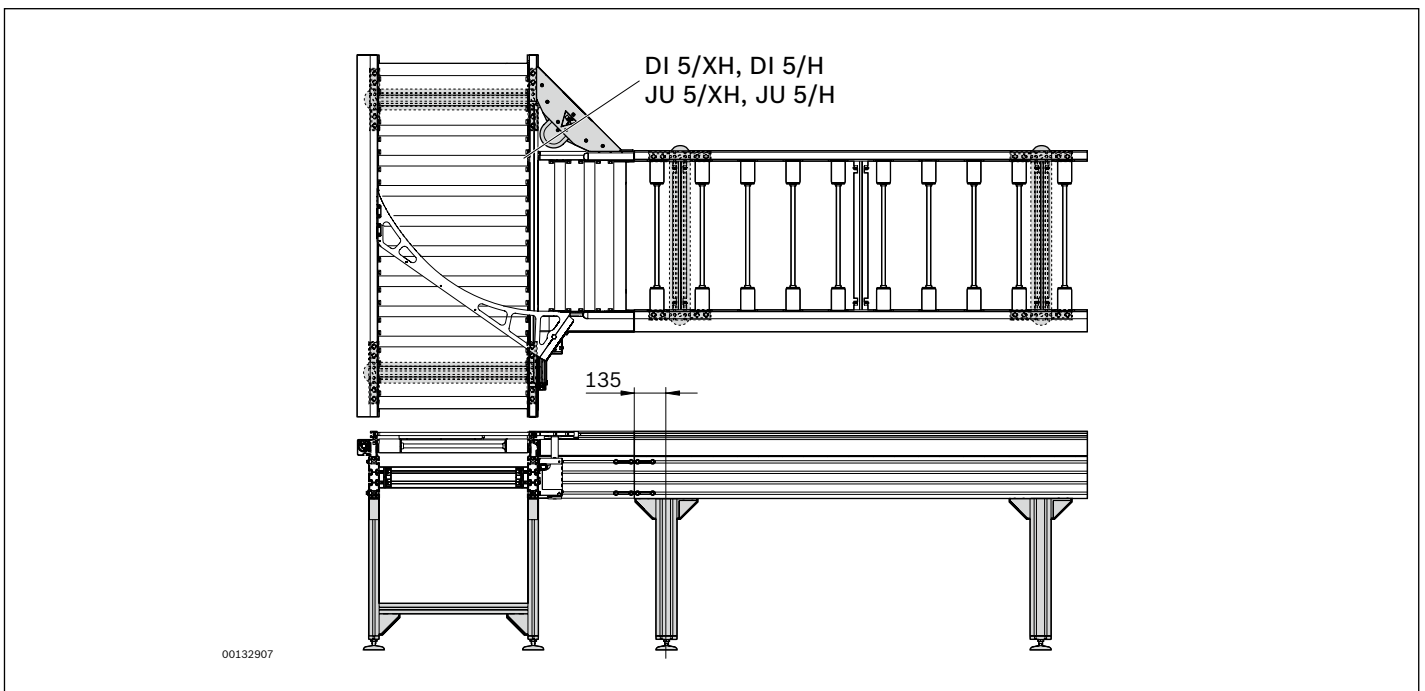
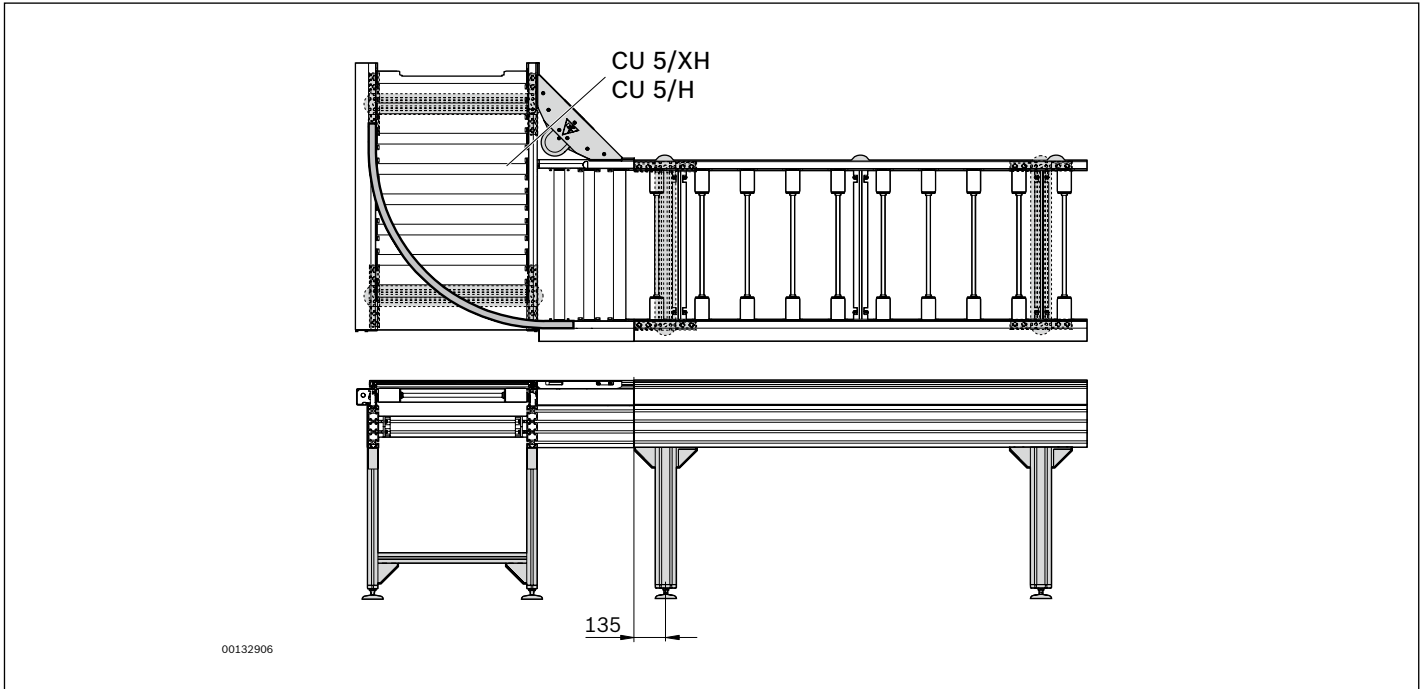
The engagement depth of the leveling feet must be at least 30 mm for all leg sets.



Since curves, diverters, and junctions are only supported by 2 legs, the secondary section must be immediately supported after the transition, see Figures.

Recommended accessories:

Leg sets can be anchored to the floor using foundation brackets 3 842 146 815 and dowels 3 842 526 560, see page 7-10



SZ 5 leg set



Use:

- ▶ Leg set for general applications

Version:

- ▶ Extruded aluminum profiles
- ▶ Height-adjustable bases
- ▶ Suitable for the construction of high-load conveyor sections in conjunction with the ST 5/... conveyor units
- ▶ Lowest possible transport level (with lowest possible foot setting of 35 mm):
 - ST 5/XH = 425.5 mm
 - ST 5/H = 335.5 mm

Note:

For transport heights > 1,000 mm, we recommend that users compensate for horizontal braking forces with diagonal bracing struts, see MGE catalog.

Scope of delivery:


- ▶ Incl. height-adjustable bases, incl. fastening material to mount the leg set onto a conveyor unit, drive unit, curve, diverter, or junction.

Condition on delivery:

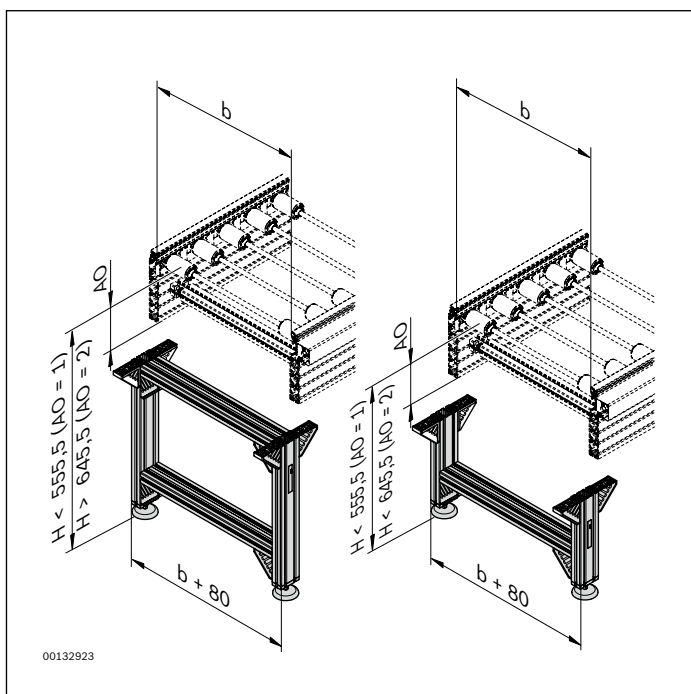
- ▶ Assembled (MT = 1)
- ▶ Not assembled (MT = 0)

Recommended accessories:

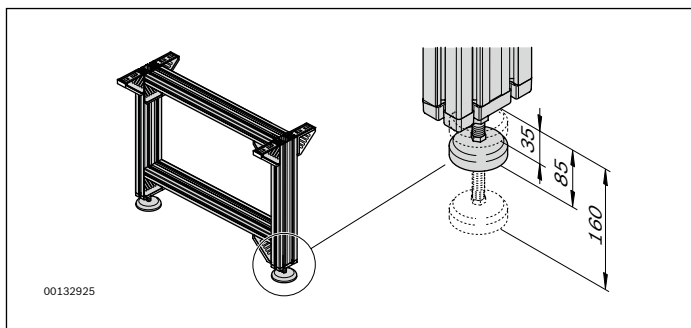
Cover caps for bracket

		Material number
45x90, black ESD	100	3 842 548 865
90x90, black ESD	20	3 842 548 869

Ordering information



00132923



00132925

SZ 5 leg set

AO	b (mm)	H (mm)	MT	Material number
1	455; 650; 845; 1,040	385.5 ... 2,000	0; 1	3 842 996 330
2	455; 650; 845; 1,040	475.5 ... 2,000	0; 1	AO = ... b = ... mm H = ... mm MT = ...

AO = Installation location

1: ... 5/H

2: ... 5/XH

b = Track width in direction of transport

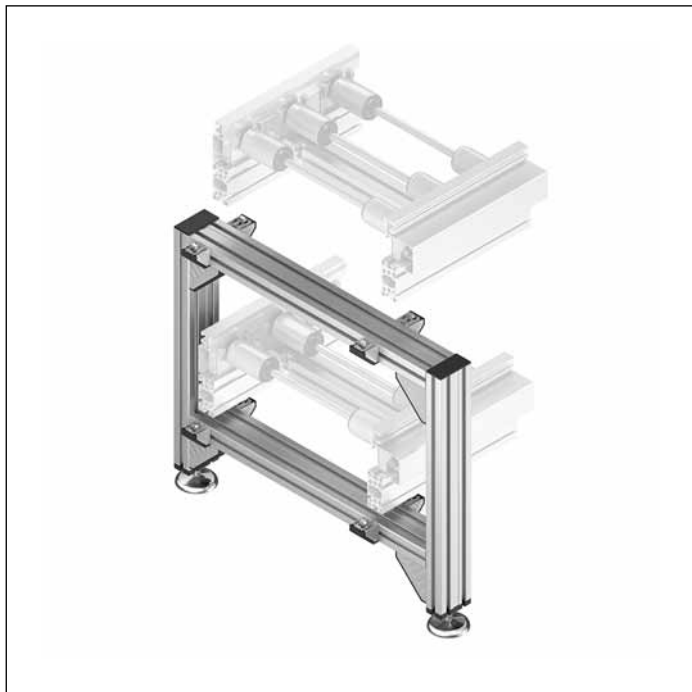
H = Transportation height

MT = Condition on delivery

0: not assembled

1: assembled

SZ 5/U leg set



Use:

- ▶ Leg set for multi-level sections

Version:

- ▶ Extruded aluminum profiles
- ▶ Height-adjustable bases
- ▶ Suitable for the construction of high-load conveyor sections in conjunction with the ST 5/... conveyor units

Note:

For transport heights > 1,000 mm, we recommend that users compensate for horizontal braking forces with diagonal bracing struts, see MGE catalog.

Scope of delivery:


- ▶ Incl. height-adjustable bases, incl. fastening material to mount the leg set onto a conveyor unit, drive unit, curve, diverter, or junction.

Condition on delivery:

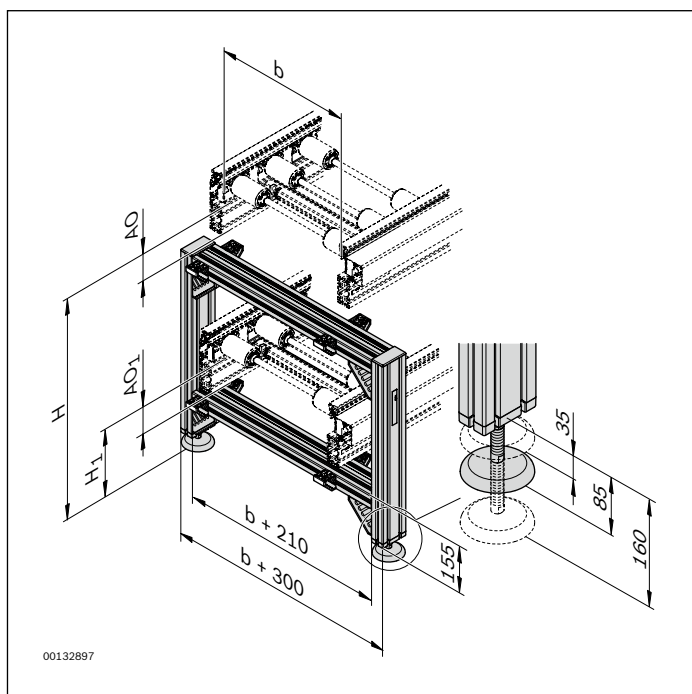
- ▶ Assembled (MT = 1)
- ▶ Not assembled (MT = 0)

Recommended accessories:

Cover caps for bracket

		Material number
45x45, black ESD	100	3 842 548 863
90x90, black ESD	20	3 842 548 869

Ordering information



SZ 5/U leg set

AO	b (mm)	H (mm)	AO ₁	H ₁ (mm)	MT	Material number
1	455; 650; 845; 1,040	719.5 ... 2,000	1	385.5 ... H-334	0; 1	3 842 996 331
			2	475.5 ... H-334		
2	455; 650; 845; 1,040	899.5 ... 2,000	1	385.5 ... H-424	0; 1	b = ... mm H = ... mm AO ₁ = ... H ₁ = ... mm MT = ...
			2	475.5 ... H-424		

AO = Installation location
 1: ... 5/H
 2: ... 5/XH

AO₁ = Installation location lower section
 1: ST 5/H
 2: ST 5/XH

b = Track width in direction of transport
 H = Transportation height
 H₁ = Transport height lower section

MT = Condition on delivery
 0: not assembled
 1: assembled

SZ 5/OC leg set



Use:

- ▶ Leg set for Open Center sections

Version:

- ▶ Extruded aluminum profiles
- ▶ Height-adjustable bases
- ▶ Suitable for the construction of high-load conveyor sections in conjunction with the ST 5/OC... conveyor units
- ▶ Lowest possible transport level (with lowest possible foot setting of 35 mm):
335.5 mm

Note:

For transport heights > 1,000 mm, we recommend that users compensate for horizontal braking forces with diagonal bracing struts, see MGE catalog.

Scope of delivery:


- ▶ Incl. height-adjustable bases, incl. fastening material to mount the leg set onto a conveyor unit, drive unit, curve, diverter, or junction.

Condition on delivery:

- ▶ Assembled (MT = 1)
- ▶ Not assembled (MT = 0)

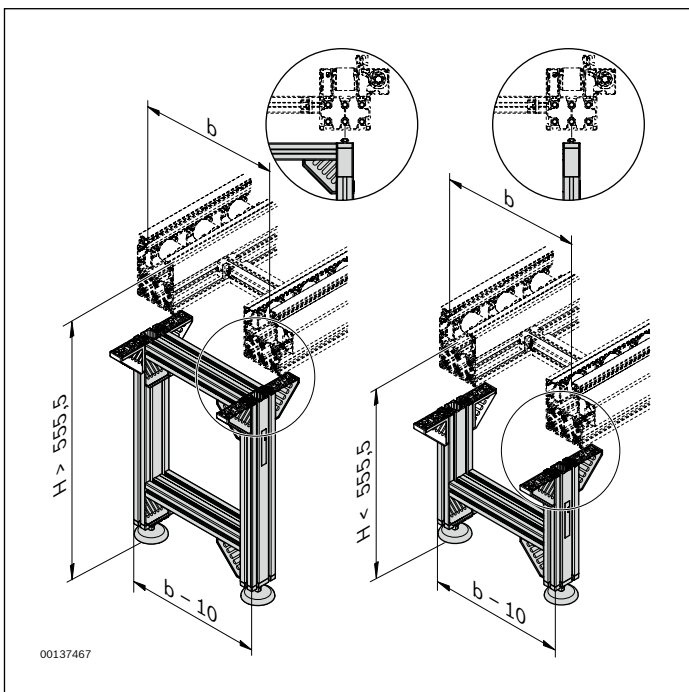
Recommended accessories:

Cover caps for bracket

		Material number
45x90, black ESD	100	3 842 548 865
90x90, black ESD	20	3 842 548 869

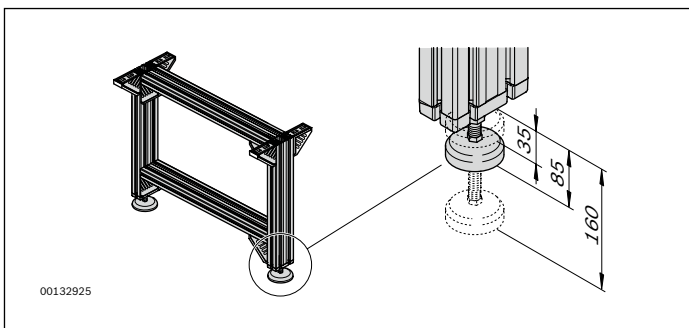
Ordering information

SZ 5/OC leg set

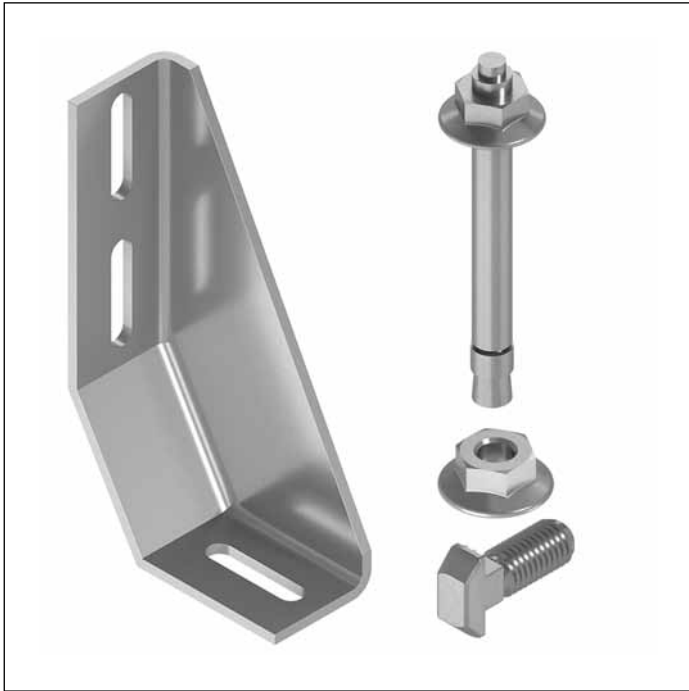


	b (mm)	H (mm)	MT	Material number
455; 650; 845; 1,040	385.5 ... 2,000	0; 1		3 842 996 332
				b = ... mm
				H = ... mm
				MT = ...

b = Track width in direction of transport
 H = Transportation height
 MT = Condition on delivery
 0: not assembled
 1: assembled



Foundation brackets, dowels



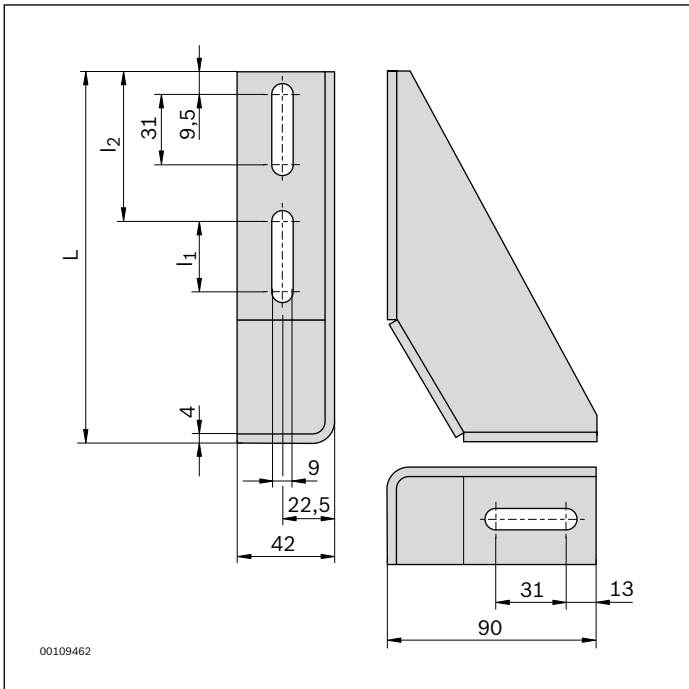
Use:


- Frames are fastened to the floor with the foundation bracket. The hole for the dowel can be bored without removing the foundation bracket.

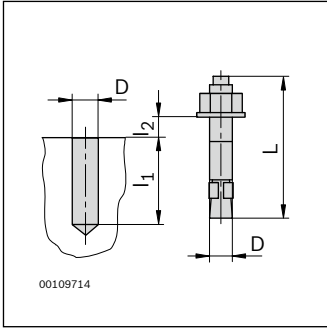
Material:

- **Foundation bracket:** Sheet steel, galvanized and transparent chrome-plated

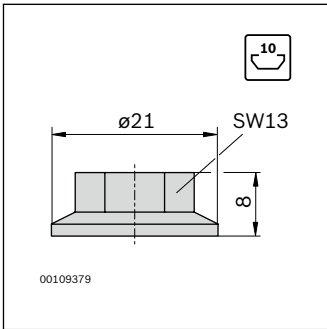
Ordering information



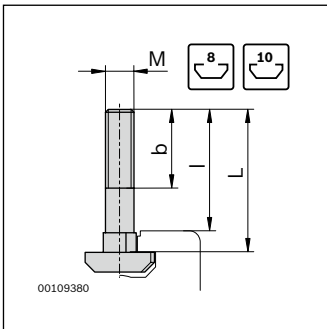
Product designation	L (mm)	l ₁ (mm)	l ₂ (mm)		Material number
Foundation bracket	160	31	91	20	3 842 146 815



Product designation	D (mm)	L (mm)	l ₁ (mm)	l _{2max} (mm)	Material number
Dowel	8	80	65	15	100 3 842 526 560



Product designation	Material number
Flange nut	100 3 842 345 081



Product designation	M	b (mm)	l (mm)	Material number
T-bolt	M8x25	19	19	100 3 842 528 718