

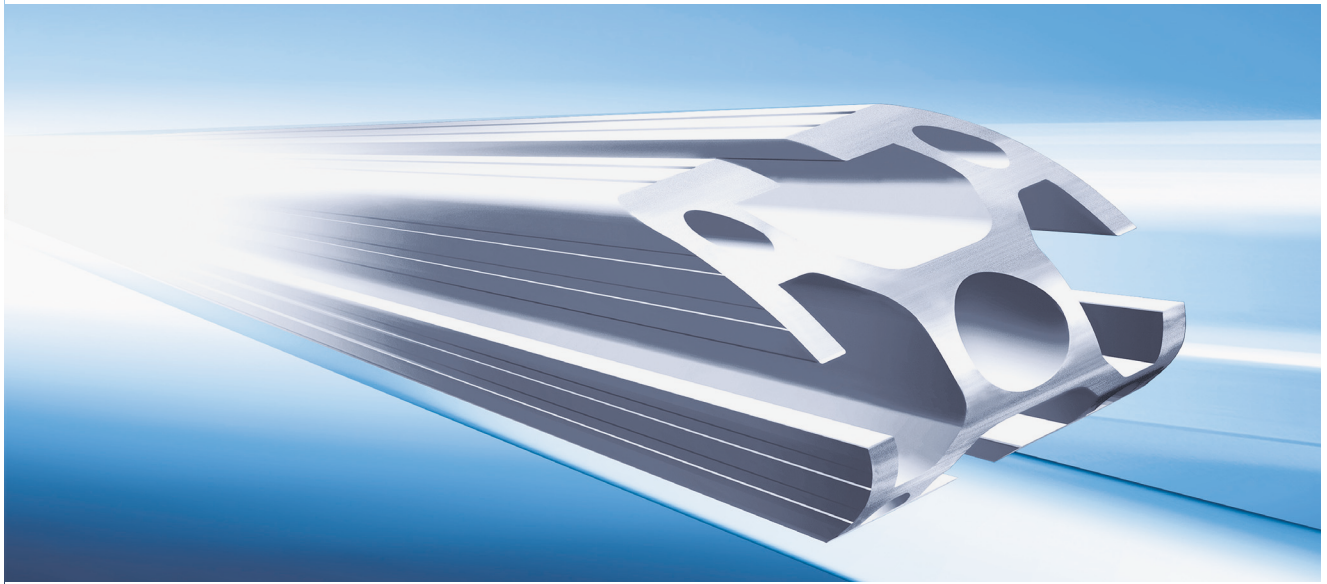


» The Trailer System

GB
1/2023

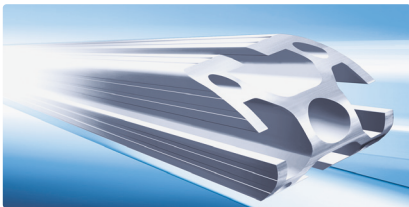
 MayTec®

The key ...



» The Profile System

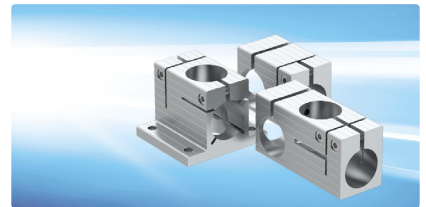
powered by
MayCAD
Design Software



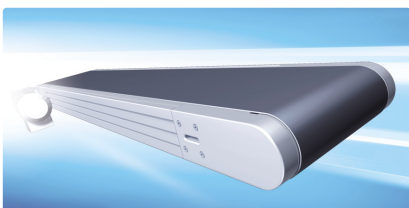
The Profile System



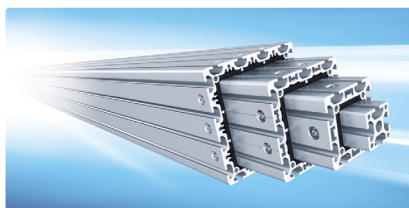
The Clean-Room System



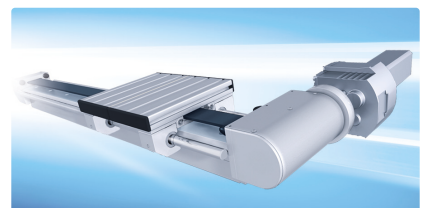
The Tube Clamping System



The Conveyor System



The Telescopic System



The Linear System



The Personnel Transfer System



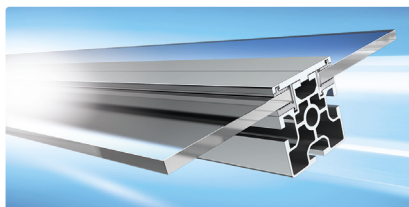
The Skid Transfer System



The Dust Protection System



Safety Barriers

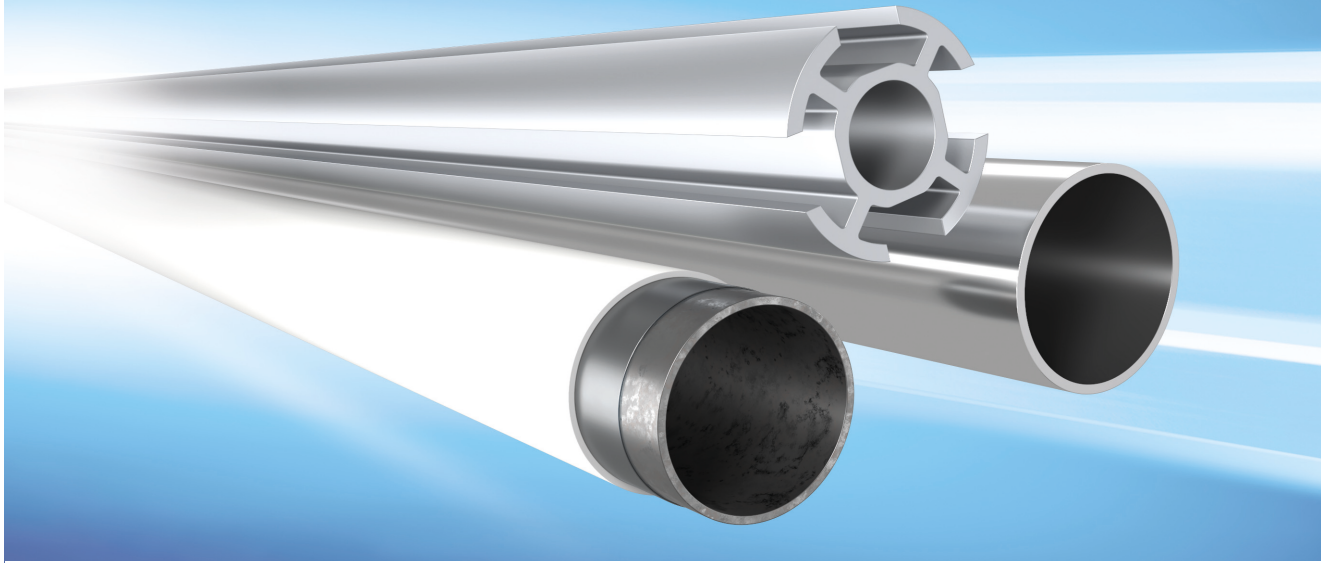


The Modular Wall System



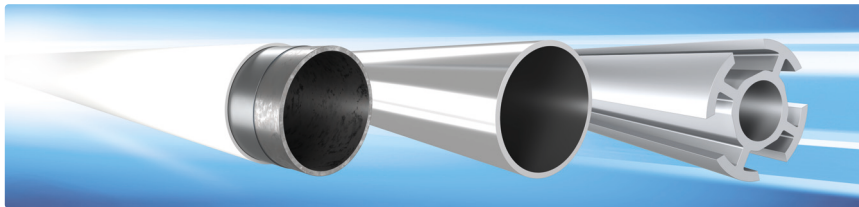
Noise Resist

... to success !



» The Pipe & Joint System

powered by
MayTube
 Design Software



The Pipe & Joint System



The Trailer System

The ideal modular system

MayTec offers a comprehensive, harmonised modular system. All modules can be combined in any way conceivable.

The accessories provide functional and aesthetic solutions for a wide range of applications.

Service

The MayTec service is as versatile as the MayTec modular system.

You may choose:

- delivery of standard elements ex-factory
- delivery of profiles, pipes and accessories cut to size according to parts list for customer's assembly
- delivery of pre-fitted modular components
- delivery of completely assembled units
- assembly at your premises

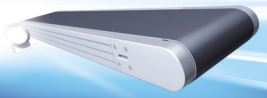
Implementation

The MayTec modular system is easy to process and quick to assemble. Its flexible and modular construction means it can be easily modified and is reusable at any time.

An experienced team will support you in implementing the MayTec system, tailored to your individual applications, taking into consideration your dimensions, loading capacity and stability.

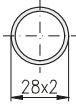
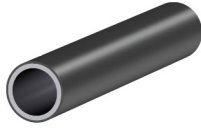
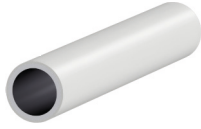
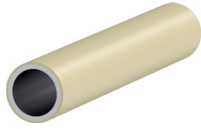
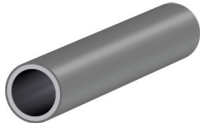
Applications

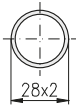
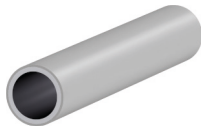
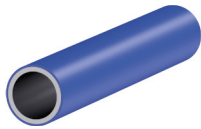
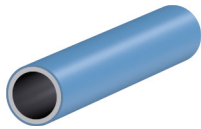

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> • assembly and inspection stations • display systems • exhibition cabinets and stands • FiFo shelves • flow shelves | <ul style="list-style-type: none"> • machine bases • machine enclosures • machine guarding • partitions and protective walls • plant equipment | <ul style="list-style-type: none"> • protective and work cabinets • sequence trolleys • special shelves • transfer and supply trolleys • work stations |
|---|---|---|

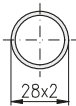

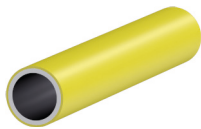
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	Product Summary	•	•	•	•	•	•
	The Profile System	•	•	•	•	•	
	The Inch System		•				
	The Pipe & Joint System	•	•		•	•	
	The Trailer System	•	•			•	
	The Conveyor System	•	•	•		•	
	The Linear System	•	•				
	The Modular Wall System	•	•			•	
	Safety Barriers	•	•				
	The Tube Clamping System	•					
	The Telescopic System	•	•			•	
	MayCAD / MayTube	•	•	•	•	•	

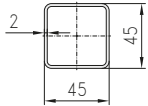
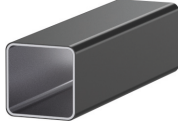
 Download at <http://maytec.com.de>

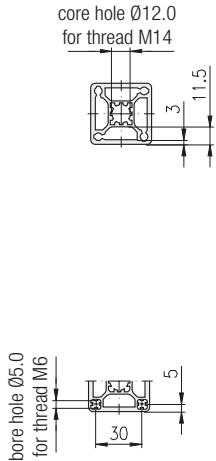
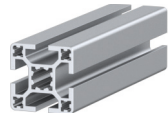
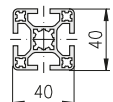
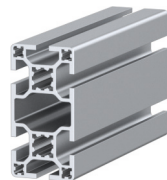
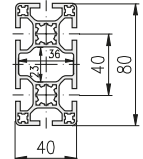
Article number group	Page
	Pipes and profiles 4
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30.1 Steel pipe square.....	5
(1.11) Profiles	6
	Castors, footplates, corner protector 8
(1.45) Castors	8
30.15 Heavy duty castors.....	10
(21.15) Footplates for pipes	12
30.15 Footplate for square.....	15
30.15 Corner protector	16
	Drawbars and couplings 17
30.16 Drawbars and couplings.....	17

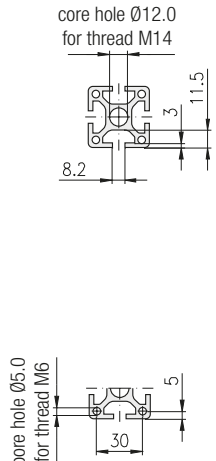
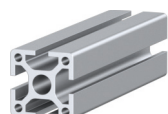
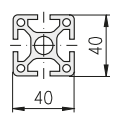
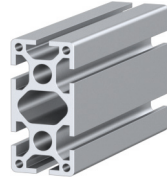
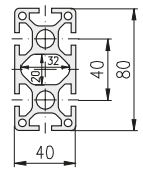
<p>wall thickness 2.0 mm</p> 				
Description	Steel pipe Ø28, 2.0, black	Steel pipe Ø28, 2.0, white	Steel pipe Ø28, 2.0, ivory	Steel pipe Ø28, 2.0, dark grey
pipe, 4 m	21.11.1110.20.01.40	21.11.1110.20.02.40	21.11.1110.20.03.40	21.11.1110.20.04.40
packing unit 1 (10 Pcs)	21.11.1110.20.01.41	21.11.1110.20.02.41	21.11.1110.20.03.41	21.11.1110.20.04.41
packing unit 2 (100 Pcs)	21.11.1110.20.01.42	21.11.1110.20.02.42	21.11.1110.20.03.42	21.11.1110.20.04.42
moment of inertia cm ⁴	$I_x = 1.1 \quad I_y = 1.1$			
moment of resistance cm ³	$W_x = 0.8 \quad W_y = 0.8$			
weight kg/m	G = 1.1			

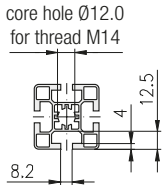
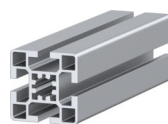
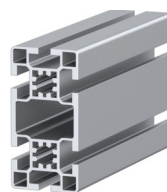
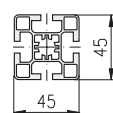
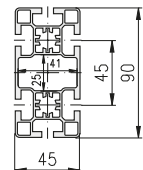
<p>wall thickness 2.0 mm</p> 				
Description	Steel pipe Ø28, 2.0, light grey	Steel pipe Ø28, 2.0, dark blue	Steel pipe Ø28, 2.0, light blue	Steel pipe Ø28, 2.0, green
pipe, 4 m	21.11.1110.20.05.40	21.11.1110.20.06.40	21.11.1110.20.07.40	21.11.1110.20.08.40
packing unit 1 (10 Pcs)	21.11.1110.20.05.41	21.11.1110.20.06.41	21.11.1110.20.07.41	21.11.1110.20.08.41
packing unit 2 (100 Pcs)	21.11.1110.20.05.42	21.11.1110.20.06.42	21.11.1110.20.07.42	21.11.1110.20.08.42
moment of inertia cm ⁴	$I_x = 1.1 \quad I_y = 1.1$			
moment of resistance cm ³	$W_x = 0.8 \quad W_y = 0.8$			
weight kg/m	G = 1.1			

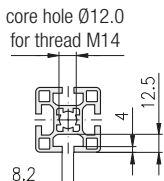
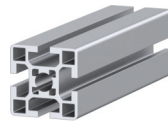
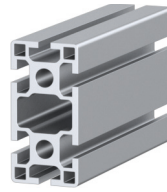
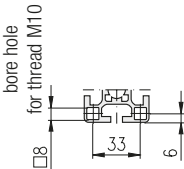
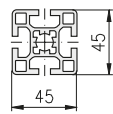
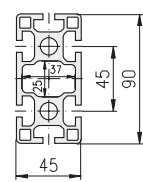
<p>wall thickness 2.0 mm</p> 				
Description	Steel pipe Ø28, 2.0, red	Steel pipe Ø28, 2.0, yellow		
pipe, 4 m	21.11.1110.20.09.40	21.11.1110.20.10.40		
packing unit 1 (10 Pcs)	21.11.1110.20.09.41	21.11.1110.20.10.41		
packing unit 2 (100 Pcs)	21.11.1110.20.09.42	21.11.1110.20.10.42		
moment of inertia cm ⁴	$I_x = 1.1 \quad I_y = 1.1$			
moment of resistance cm ³	$W_x = 0.8 \quad W_y = 0.8$			
weight kg/m	G = 1.1			

<div style="border: 1px solid black; border-radius: 10px; padding: 2px; display: inline-block;">wall thickness 2.0 mm</div>				
				
Description	Steel pipe square 45×45×2, black			
bar, 6 m	30.1.04504502.01.60			
moment of inertia cm ⁴	$I_x = 10.6$ $I_y = 10.6$			
moment of resistance cm ³	$W_x = 4.7$ $W_y = 4.7$			
weight kg/m	$G = 2.7$			

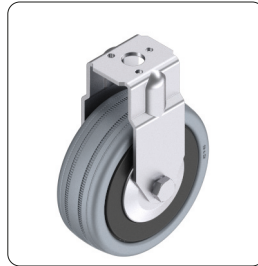
light					
		 	 		
Description	Profile 40×40, 4E, LP	Profile 40×80, 6E, LP			
bar, 6 m	1.11.040040.43LP.60	1.11.040080.64LP.60			
packing unit (number)	1.11.040040.43LP.61 (8)	1.11.040080.64LP.61 (4)			
moment of inertia cm ⁴	$I_x = 9.6$ $I_y = 9.6$	$I_x = 65.4$ $I_y = 17.5$			
moment of resistance cm ³	$W_x = 4.7$ $W_y = 4.7$	$W_x = 16.4$ $W_y = 8.8$			
weight kg/m	G = 1.5	G = 2.5			

heavy					
		 	 		
Description	Profile 40×40, 4E, SP	Profile 40×80, 6E, SP			
bar, 6 m	1.11.040040.43SP.60	1.11.040080.64SP.60			
packing unit (number)	1.11.040040.43SP.61 (8)	1.11.040080.64SP.61 (4)			
moment of inertia cm ⁴	$I_x = 12.0$ $I_y = 12.0$	$I_x = 82.0$ $I_y = 23.4$			
moment of resistance cm ³	$W_x = 6.0$ $W_y = 6.0$	$W_x = 20.5$ $W_y = 11.7$			
weight kg/m	G = 2.0	G = 3.8			

<div style="border: 1px solid black; border-radius: 10px; padding: 2px 10px; display: inline-block;">light</div>				
				
				
Description	Profile 45×45, 4E, LP	Profile 45×90, 6E, LP		
bar, 6 m	1.11.045045.43LP.60	1.11.045090.64LP.60		
packing unit (number)	1.11.045045.43LP.61 (8)	1.11.045090.64LP.61 (4)		
moment of inertia cm ⁴	$I_x = 13.5$ $I_y = 13.5$	$I_x = 98.0$ $I_y = 27.5$		
moment of resistance cm ³	$W_x = 6.0$ $W_y = 6.0$	$W_x = 21.8$ $W_y = 12.2$		
weight kg/m	$G = 1.9$	$G = 3.3$		

<div style="border: 1px solid black; border-radius: 10px; padding: 2px 10px; display: inline-block;">heavy</div>				
				
				
Description	Profile 45×45, 4E, SP	Profile 45×90, 6E, SP		
bar, 6 m	1.11.045045.43SP.60	1.11.045090.64SP.60		
packing unit (number)	1.11.045045.43SP.61 (8)	1.11.045090.64SP.61 (4)		
moment of inertia cm ⁴	$I_x = 15.5$ $I_y = 15.5$	$I_x = 126.0$ $I_y = 34.0$		
moment of resistance cm ³	$W_x = 6.9$ $W_y = 6.9$	$W_x = 28.0$ $W_y = 15.0$		
weight kg/m	$G = 2.1$	$G = 4.4$		

Castors



Fixed castor



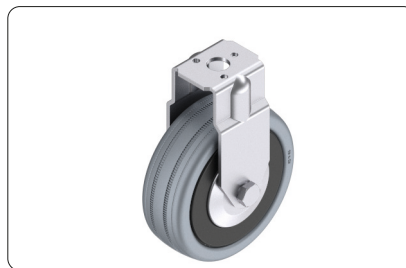
Swivel castor



Swivel castor lockable

Variations	
Castor-Ø	100 mm / 125 mm
Bolt hole type	 s = 10.5 mm
Fitting plate type	 s = 3 mm

Fixed castors



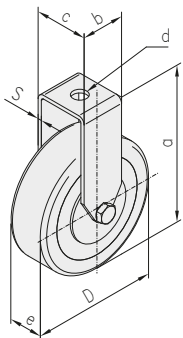
Technical data

material:

- capsule: sheet steel, galvanised
- wheels: solid rubber tyres, grey

Ø100/125 incl. thread protection

max. static load: F_{max}



Description	D	a	Weight	Product No.
Fixed castor with bolt hole	Ø100	133	500 g	1.45.11100
Fixed castor with bolt hole, ESD	Ø100	133	500 g	1.45.11100E
Fixed castor with bolt hole	Ø125	158	900 g	1.45.11125
Fixed castor with fitting plate	Ø100	136	610 g	1.45.12100
Fixed castor with fitting plate, ESD	Ø100	136	610 g	1.45.12100E
Fixed castor with fitting plate	Ø125	161	1,010 g	1.45.12125

Dimensions see table on the right

Swivel castors



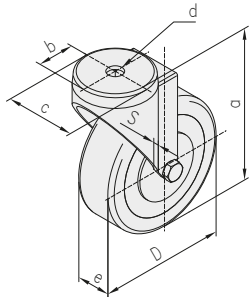
Technical data



material:

- capsule: sheet steel, galvanised
- wheels: solid rubber tyres, grey

Ø100/125 incl. thread protection

max. static load: F_{max}



Description	D	a	Weight	Product No.
Swivel castor with bolt hole	Ø100	133	680 g	1.45.21100
 Swivel castor with bolt hole, ESD	Ø100	133	680 g	1.45.21100E
Swivel castor with bolt hole	Ø125	158	890 g	1.45.21125
Swivel castor with fitting plate	Ø100	136	780 g	1.45.22100
 Swivel castor with fitting plate, ESD	Ø100	136	780 g	1.45.22100E
Swivel castor with fitting plate	Ø125	161	990 g	1.45.22125

Dimensions see table on bottom of page

Swivel castors lockable



Technical data

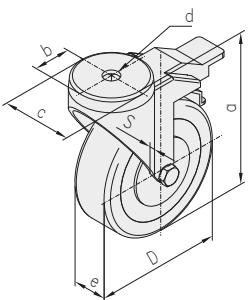
material:



- capsule: sheet steel, galvanised
- wheels: solid rubber tyres, grey

stop fix: - wheel break
- swivel break

Ø100/125 incl. thread protection

max. static load: F_{max}



Description	D	a	Weight	Product No.
Swivel castor, lockable with bolt hole	Ø100	133	840 g	1.45.31100
 Swivel castor, lockable with bolt hole, ESD	Ø100	133	840 g	1.45.31100E
Swivel castor, lockable with bolt hole	Ø125	158	990 g	1.45.31125
Swivel castor, lockable with fitting plate	Ø100	136	940 g	1.45.32100
 Swivel castor, lockable with fitting plate, ESD	Ø100	136	940 g	1.45.32100E
Swivel castor, lockable with fitting plate	Ø125	161	1,090 g	1.45.32125

Castors: Design bolt hole									
D	Fixed castor			Swivel castor			d	e	F_{max}
	b	c	s	b	c	s			
Ø100	57	43	2.5	43	Ø57	10.5	Ø12.5	32	800 N
Ø125	57	43	2.5	43	Ø57	10.5	Ø12.5	32	1,000 N

Heavy duty castors



Fixed castor



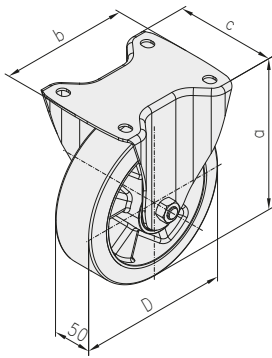
Swivel castor



Swivel castor lockable

Variations		
Castor	Fixed castor	Swivel castor
Fitting plate type		

Fixed castor



Technical data

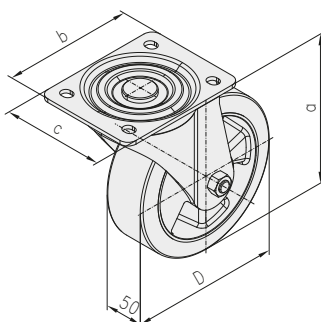
material:

- capsule: sheet steel, galvanised
- wheels: solid rubber tyres, in smooth rolling quality black

max. static load: $F_{max} = 4.000 \text{ N}$

Description	D	a	b	c	Weight	Product No.
Fixed castor with fitting plate	Ø160	195	138	116	1,900 g	30.15.10.160

Swivel castor



Technical data

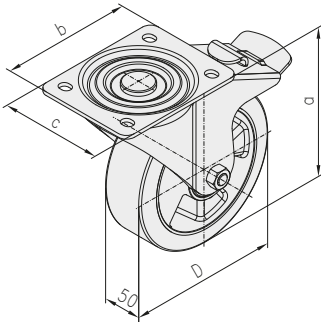
material:

- capsule: sheet steel, galvanised
- wheels: solid rubber tyres, in smooth rolling quality black

max. static load: $F_{max} = 4.000 \text{ N}$

Description	D	a	b	c	Weight	Product No.
Swivel castor with fitting plate	Ø160	195	140	110	2,600 g	30.15.11.160

Swivel castor lockable



Technical data

material:

- capsule: sheet steel, galvanised
- wheels: solid rubber tyres, in smooth rolling quality black

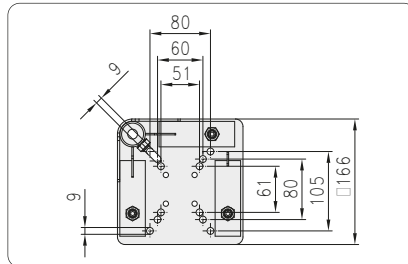
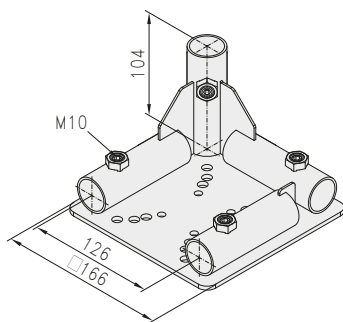
stop fix: - wheel break
- swivel break

max. static load: $F_{max} = 4.000 \text{ N}$

Description	D	a	b	c	Weight	Product No.
Swivel castor, lockable w. fitting plate	Ø160	195	140	110	3,100 g	30.15.12.160

**Footplates for pipes
corner left**

Technical data
material: steel

Delivery unit
incl. 4 × set screw (black or galvanised)


Description	Surface	Weight	Article No.
Footplate, corner left	black	1,873 g	21.15.20.L.1
Footplate, corner left	galvanised	1,873 g	21.15.20.L.2


Fastening elements

Description	Weight	Article No.
Set screw M10×12, with cupped gripping point, black	4.0 g	0.63.0916.10012.1
Set screw M10×12, with cupped gripping point, galvanised	4.0 g	0.63.0916.10012.2

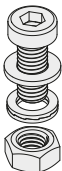
4 pcs. per footplate required

Description	Weight	Article No.
Mounting set for castors	16.8 g	30.15.S1

4 sets per castor required

Single parts of the mounting set

Description	Pcs.	Weight	Article No.
Socket head cap screw DIN 6912, M8×20	1	10.0 g	0.63.D06912.08020
Washer DIN 433 - 8.4	1	1.3 g	0.62.D00433.08,4
Self locking washers, M8	1	1.5 g	0.62.D2520108
Hexagonal nut DIN 934 - M8	1	4.0 g	0.61.D00934.08

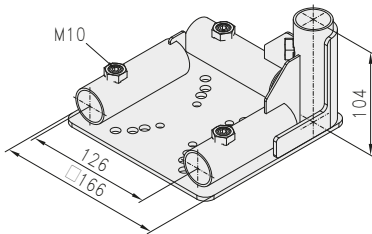
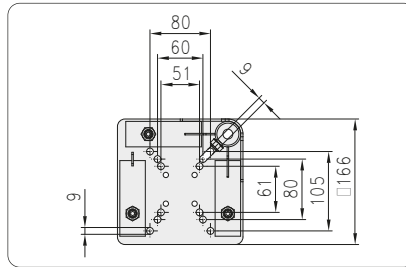


Footplates for pipes
corner right



Technical data
material: steel

Delivery unit
incl. 4 × set screw (black or galvanised)



Description	Surface	Weight	Article No.
Footplate, corner right	black	1,873 g	21.15.20.R.1
Footplate, corner right	galvanised	1,873 g	21.15.20.R.2



Fastening elements

Description	Weight	Article No.
Set screw M10×12, with cupped gripping point, black	4.0 g	0.63.0916.10012.1
Set screw M10×12, with cupped gripping point, galvanised	4.0 g	0.63.0916.10012.2

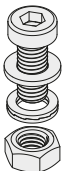
4 pcs. per footplate required

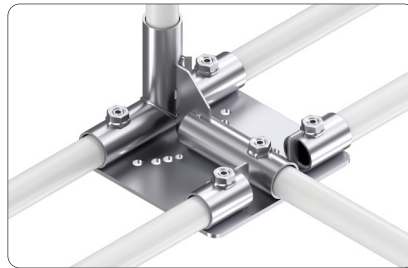
Description	Weight	Article No.
Mounting set for castors	16.8 g	30.15.S1

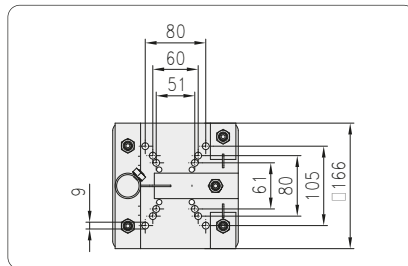
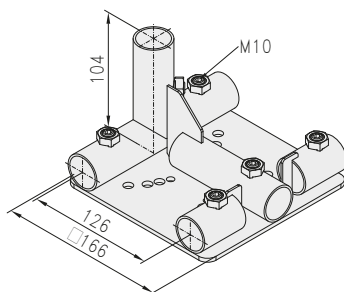
4 sets per castor required

Single parts of the mounting set

Description	Pcs.	Weight	Article No.
Socket head cap screw DIN 6912, M8×20	1	10.0 g	0.63.D06912.08020
Washer DIN 433 - 8.4	1	1.3 g	0.62.D00433.08,4
Self locking washers, M8	1	1.5 g	0.62.D2520108
Hexagonal nut DIN 934 - M8	1	4.0 g	0.61.D00934.08



**Footplates for pipes
center with post**

Technical data
material: steel

Delivery unit
incl. 6 × set screw (black or galvanised)


Description	Surface	Weight	Article No.
Footplate, center with post	black	1,766 g	21.15.20.MHV.1
Footplate, center with post	galvanised	1,766 g	21.15.20.MHV.2


Fastening elements

Description	Weight	Article No.
Set screw M10×12, with cupped gripping point, black	4.0 g	0.63.0916.10012.1
Set screw M10×12, with cupped gripping point, galvanised	4.0 g	0.63.0916.10012.2

6 pcs. per footplate required

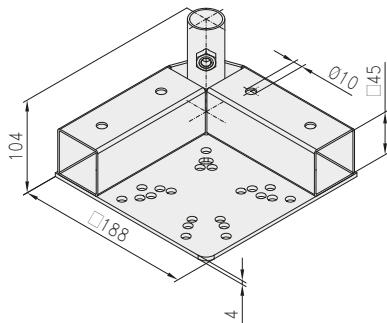
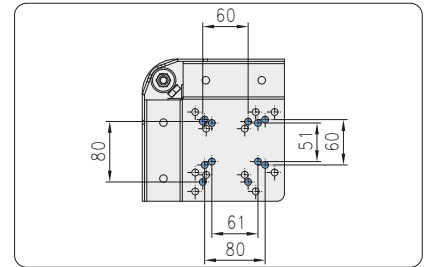
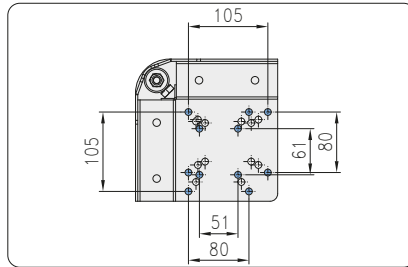
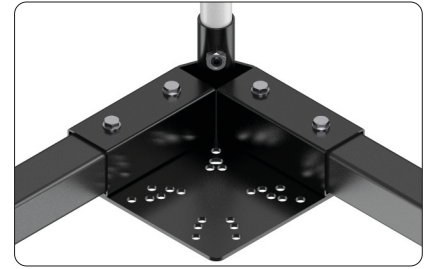
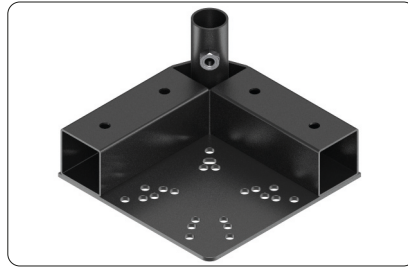
Description	Weight	Article No.
Mounting set for castors	16.8 g	30.15.S1

4 sets per castor required

Single parts of the mounting set

Description	Pcs.	Weight	Article No.
Socket head cap screw DIN 6912, M8×20	1	10.0 g	0.63.D06912.08020
Washer DIN 433 - 8.4	1	1.3 g	0.62.D00433.08,4
Self locking washers, M8	1	1.5 g	0.62.D2520108
Hexagonal nut DIN 934 - M8	1	4.0 g	0.61.D00934.08



Footplate for square

Technical data

material: steel
surface: black, powder-coated

Application

for

- steel pipe square 45×45
- profile 45×45

Description

Footplate for square 45, corner

Weight

2,180 g

Product No.

30.15.20

Fastening elements

Description

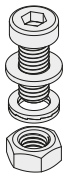
Set screw M10×12, with cupped gripping point, black
1 pcs. per footplate required

Weight

4.0 g

Product No.

0.63.0916.10012.1


Description

Mounting set for castors
4 sets per castor required

Weight

16.8 g

Product No.

30.15.S1

Single parts of the mounting set
Description

Socket head cap screw DIN 6912, M8×20
Washer DIN 433 - 8.4
Self locking washers, M8
Hexagonal nut DIN 934 - M8

Pcs.

1
1
1
1

Weight

10.0 g
1.3 g
1.5 g
4.0 g

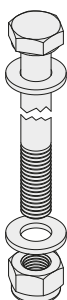
Product No.

0.63.D06912.08020

0.62.D00433.08,4

0.62.D2520108

0.61.D00934.08


Description

Mounting set for footplate with 45 mm square
4 sets per footplate required

Weight

39.0 g

Product No.

30.15.S2

Single parts of the mounting set
Description

Hexagonal screw DIN 931, M8×70
Washer DIN 125 - 8.4
Hexagonal nut DIN 985 - M8, self-locking

Pcs.

1
2
1

Weight

31.0 g
1.6 g
4.8 g

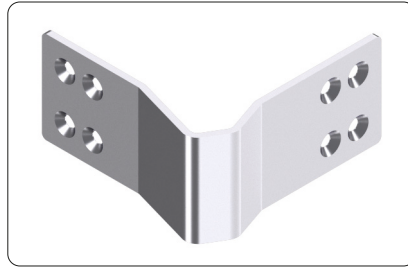
Product No.

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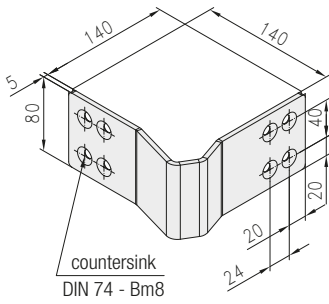
0.62.D00125.A08,4

0.61.D00985.08

Corner protector



Technical data
 material: steel
 surface: galvanised



Description

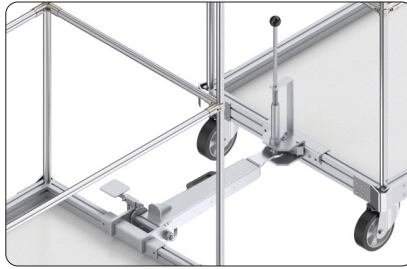
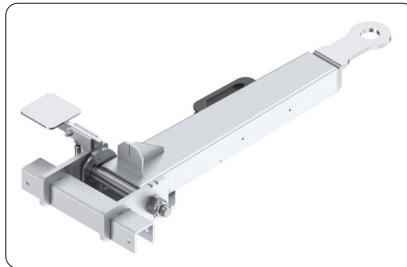
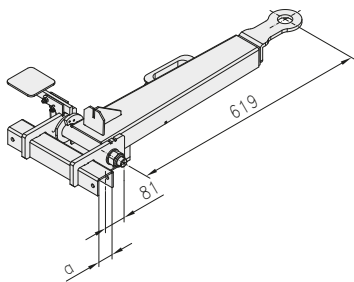
Corner protector

Weight

950 g

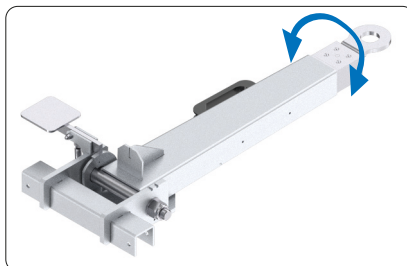
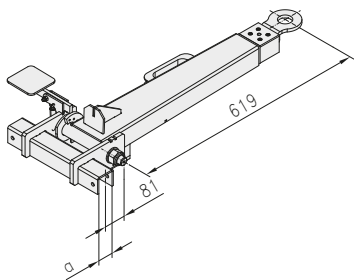
Product No.

30.15.30

Drawbars and couplings

Drawbars with fixed eyelet

Technical data

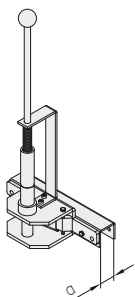
material: steel
surface: galvanised

Description	a	Weight	Product No.
Drawbar 40, with fixed eyelet	40	11.0 kg	30.16.10.40
Drawbar 45, with fixed eyelet	45	11.0 kg	30.16.10.45

Drawbars with swivel eyelet

Technical data

material: steel
surface: galvanised

Description	a	Weight	Product No.
Drawbar 40, with swivel eyelet	40	11.0 kg	30.16.11.40
Drawbar 45, with swivel eyelet	45	11.0 kg	30.16.11.45

Couplings

Technical data

material: steel
surface: galvanised

Description	a	Weight	Product No.
Coupling 40	40	5.76 kg	30.16.20.40
Coupling 45	45	5.76 kg	30.16.20.45

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Stock of aluminium profiles



Panel storage



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to success



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