



» The Pipe & Joint System

English
2/2017

 MayTec®

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Pipes

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Key
Pipe outside-Ø ¹⁾
Pipes
Material ²⁾
Pipe model ³⁾
Conductivity ⁴⁾
Wall thickness ⁵⁾
Colour of coating ⁶⁾
Length of pipe ⁷⁾
Packing unit ⁸⁾

- ¹⁾ 1 = 28 mm
- ²⁾ 1 = Steel, ABS coated
3 = Stainless steel
4 = Aluminium
- ³⁾ 1 = Steel pipe
2 = Slide pipe
3 = Flat pipe
4 = Pipe profile
- ⁴⁾ 0 = Standard
E = ESD
- ⁵⁾ 07 = 0.7 mm
10 = 1.0 mm
12 = 1.2 mm
15 = 1.5 mm
20 = 2.0 mm
- ⁶⁾ 00 = w/o
01 = black
02 = white
03 = ivory
04 = dark grey
05 = light grey
06 = dark blue
07 = light blue
08 = green
09 = red
10 = yellow
- ⁷⁾ 4 = 4 m
- ⁸⁾ 0 = Single pipe
1 = PU 1 = 10 Pcs
2 = PU 2 = 100 Pcs

Cut to length pipes

21.□□.□□□.□□.□□/□□□□
21.□□.□□□.□□.□□/□□□□

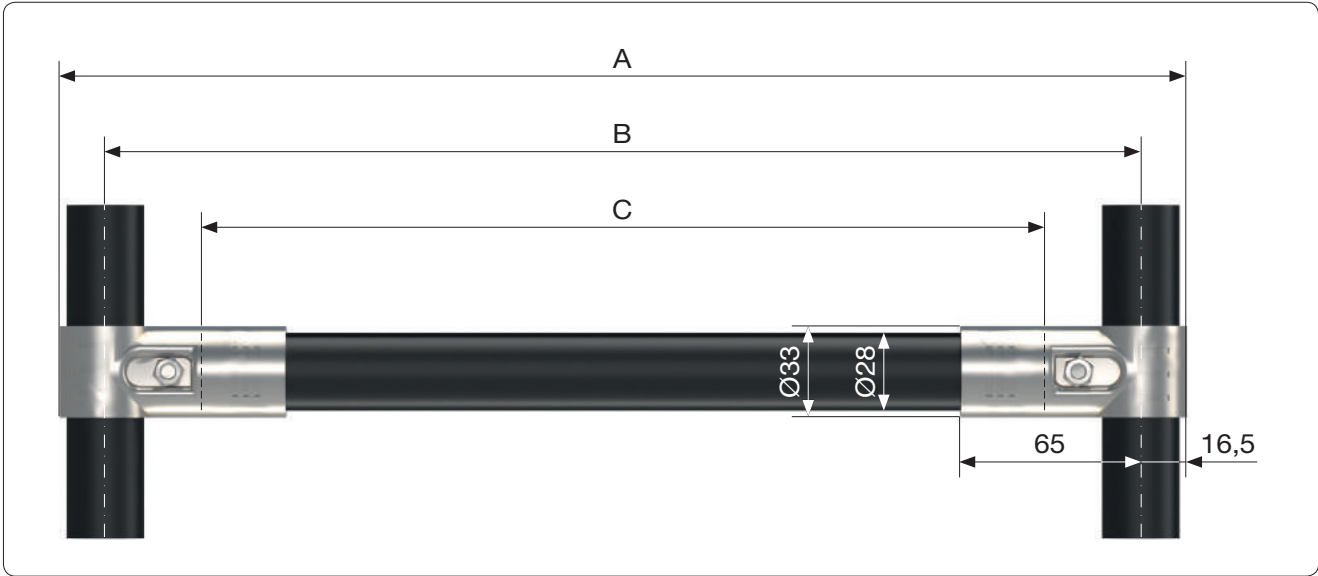
Key
cut length in mm

Colours

Colour	similar to RAL
black	9004: signal black
white	9002: grey white
ivory	1014: ivory
dark grey	7012: basalt grey
light grey	7038: agate grey
dark blue	5005: signal blue
light blue	5012: light blue
green	6018: yellow green
red	3000: flame red
yellow	1018: zinc yellow

Calculation of cut length

21.02

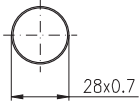


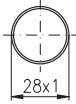
Definitions

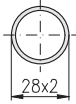
A = outside dimension
B = pipe center span
C = pipe cut length

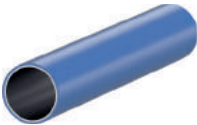
A	B	C
outside dimension	pipe center span	pipe cut length
$B = A - 33$ $C = A - 103$	$A = B + 33$ $C = B - 70$	$A = C + 103$ $B = C + 70$

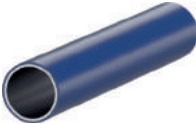
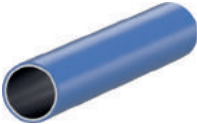
Technical data Pipe outside-Ø: 28 mm Length of pipe: 4 m				wall thickness in mm	black	white	ivory	dark grey	light grey	dark blue	light blue	green	red	yellow	without coating
ABS coated		Standard		0.7	•	•	•	•	•	•	•	•	•	•	
				1.0	•	•	•	•	•	•	•	•	•	•	
				2.0	•	•	•	•	•	•	•	•	•	•	
		ESD		0.7	•										
				1.0	•										
				2.0	•										
		Standard		1.0	•	•	•								
		ESD		1.0	•										
Stainless		ESD		0.7											•
				1.2											•
Aluminium		ESD		2.0											•
Aluminium				ESD		1.5									•

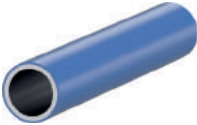
wall thickness 0.7 mm				
				
   				
Description	Steel pipe Ø28, 0.7, black	Steel pipe Ø28, 0.7, white	Steel pipe Ø28, 0.7, ivory	Steel pipe Ø28, 0.7, dark grey
pipe, 4 m	21.11.110.07.01.40	21.11.110.07.02.40	21.11.110.07.03.40	21.11.110.07.04.40
packing unit 1 (10 Pcs)	21.11.110.07.01.41	21.11.110.07.02.41	21.11.110.07.03.41	21.11.110.07.04.41
packing unit 2 (100 Pcs)	21.11.110.07.01.42	21.11.110.07.02.42	21.11.110.07.03.42	21.11.110.07.04.42
moment of inertia cm ⁴	$I_x = 0.4 \quad I_y = 0.4$			
moment of resistance cm ³	$W_x = 0.3 \quad W_y = 0.3$			
weight kg/m	$G = 0.5$			

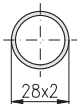
wall thickness 1.0 mm				
				
   				
Description	Steel pipe Ø28, 1.0, black	Steel pipe Ø28, 1.0, white	Steel pipe Ø28, 1.0, ivory	Steel pipe Ø28, 1.0, dark grey
pipe, 4 m	21.11.110.10.01.40	21.11.110.10.02.40	21.11.110.10.03.40	21.11.110.10.04.40
packing unit 1 (10 Pcs)	21.11.110.10.01.41	21.11.110.10.02.41	21.11.110.10.03.41	21.11.110.10.04.41
packing unit 2 (100 Pcs)	21.11.110.10.01.42	21.11.110.10.02.42	21.11.110.10.03.42	21.11.110.10.04.42
moment of inertia cm ⁴	$I_x = 0.6 \quad I_y = 0.6$			
moment of resistance cm ³	$W_x = 0.4 \quad W_y = 0.4$			
weight kg/m	$G = 0.7$			

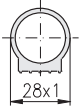
wall thickness 2.0 mm				
				
   				
Description	Steel pipe Ø28, 2.0, black	Steel pipe Ø28, 2.0, white	Steel pipe Ø28, 2.0, ivory	Steel pipe Ø28, 2.0, dark grey
pipe, 4 m	21.11.110.20.01.40	21.11.110.20.02.40	21.11.110.20.03.40	21.11.110.20.04.40
packing unit 1 (10 Pcs)	21.11.110.20.01.41	21.11.110.20.02.41	21.11.110.20.03.41	21.11.110.20.04.41
packing unit 2 (100 Pcs)	21.11.110.20.01.42	21.11.110.20.02.42	21.11.110.20.03.42	21.11.110.20.04.42
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	$G = 1.1$			

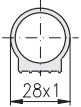
					
Steel pipe Ø28, 0.7, light grey	Steel pipe Ø28, 0.7, dark blue	Steel pipe Ø28, 0.7, light blue	Steel pipe Ø28, 0.7, green	Steel pipe Ø28, 0.7, red	Steel pipe Ø28, 0.7, yellow
21.11.110.07.05.40	21.11.110.07.06.40	21.11.110.07.07.40	21.11.110.07.08.40	21.11.110.07.09.40	21.11.110.07.10.40
21.11.110.07.05.41	21.11.110.07.06.41	21.11.110.07.07.41	21.11.110.07.08.41	21.11.110.07.09.41	21.11.110.07.10.41
21.11.110.07.05.42	21.11.110.07.06.42	21.11.110.07.07.42	21.11.110.07.08.42	21.11.110.07.09.42	21.11.110.07.10.42

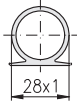
					
Steel pipe Ø28, 1.0, light grey	Steel pipe Ø28, 1.0, dark blue	Steel pipe Ø28, 1.0, light blue	Steel pipe Ø28, 1.0, green	Steel pipe Ø28, 1.0, red	Steel pipe Ø28, 1.0, yellow
21.11.110.10.05.40	21.11.110.10.06.40	21.11.110.10.07.40	21.11.110.10.08.40	21.11.110.10.09.40	21.11.110.10.10.40
21.11.110.10.05.41	21.11.110.10.06.41	21.11.110.10.07.41	21.11.110.10.08.41	21.11.110.10.09.41	21.11.110.10.10.41
21.11.110.10.05.42	21.11.110.10.06.42	21.11.110.10.07.42	21.11.110.10.08.42	21.11.110.10.09.42	21.11.110.10.10.42

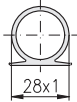
					
Steel pipe Ø28, 2.0, light grey	Steel pipe Ø28, 2.0, dark blue	Steel pipe Ø28, 2.0, light blue	Steel pipe Ø28, 2.0, green	Steel pipe Ø28, 2.0, red	Steel pipe Ø28, 2.0, yellow
21.11.110.20.05.40	21.11.110.20.06.40	21.11.110.20.07.40	21.11.110.20.08.40	21.11.110.20.09.40	21.11.110.20.10.40
21.11.110.20.05.41	21.11.110.20.06.41	21.11.110.20.07.41	21.11.110.20.08.41	21.11.110.20.09.41	21.11.110.20.10.41
21.11.110.20.05.42	21.11.110.20.06.42	21.11.110.20.07.42	21.11.110.20.08.42	21.11.110.20.09.42	21.11.110.20.10.42

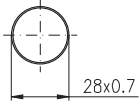
wall thickness 2.0 mm  				
Description	Steel pipe Ø28, 2.0 black, ESD			
pipe, 4 m	21.11.11E.20.01.40			
packing unit 1 (10 Pcs)	21.11.11E.20.01.41			
packing unit 2 (100 Pcs)	21.11.11E.20.01.42			
moment of inertia cm ⁴ moment of resistance cm ³ weight kg/m	$I_x = 1.1$ $I_y = 1.1$ $W_x = 0.8$ $W_y = 0.8$ $G = 1.1$			

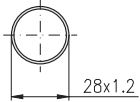
wall thickness 1.0 mm				
				
  				
Description	Slide pipe Ø28, 1.0 black	Slide pipe Ø28, 1.0 white	Slide pipe Ø28, 1.0 ivory	
pipe, 4 m	21.11.120.10.01.40	21.11.120.10.02.40	21.11.120.10.03.40	
packing unit 1 (10 Pcs)	21.11.120.10.01.41	21.11.120.10.02.41	21.11.120.10.03.41	
packing unit 2 (100 Pcs)	21.11.120.10.01.42	21.11.120.10.02.42	21.11.120.10.03.42	
moment of inertia cm ⁴	$I_x = 0.6 \quad I_y = 0.6$			
moment of resistance cm ³	$W_x = 0.4 \quad W_y = 0.4$			
weight kg/m	$G = 0.8$			

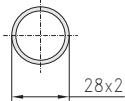
wall thickness 1.0 mm				
 				
				
Description	Slide pipe Ø28, 1.0 black, ESD			
pipe, 4 m	21.11.12E.10.01.40			
packing unit 1 (10 Pcs)	21.11.12E.10.01.41			
packing unit 2 (100 Pcs)	21.11.12E.10.01.42			
moment of inertia cm ⁴	$I_x = 0.6 \quad I_y = 0.6$			
moment of resistance cm ³	$W_x = 0.4 \quad W_y = 0.4$			
weight kg/m	$G = 0.8$			

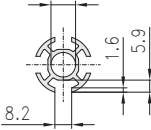
wall thickness 1.0 mm				
				
				
Description	Flat pipe Ø28, 1.0 black			
Pipe, 4 m	21.11.130.10.01.40			
packing unit 1 (10 Pcs)	21.11.130.10.01.41			
packing unit 2 (100 Pcs)	21.11.130.10.01.42			
moment of inertia cm ⁴	$I_x = 0.6$	$I_y = 0.6$		
moment of resistance cm ³	$W_x = 0.4$	$W_y = 0.4$		
weight kg/m	$G = 0.8$			

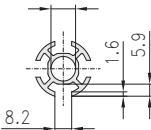
wall thickness 1.0 mm				
				
				
				
Description	Flat pipe Ø28, 1.0 black, ESD			
Pipe, 4 m	21.11.13E.10.01.40			
packing unit 1 (10 Pcs)	21.11.13E.10.01.41			
packing unit 2 (100 Pcs)	21.11.13E.10.01.42			
moment of inertia cm ⁴	$I_x = 0.6$	$I_y = 0.6$		
moment of resistance cm ³	$W_x = 0.4$	$W_y = 0.4$		
weight kg/m	$G = 0.8$			

wall thickness 0.7 mm				
 				
				
Description	Stainless steel pipe Ø28 0.7			
Pipe, 4 m	21.11.31E.07.00.40			
packing unit 1 (10 Pcs)	21.11.31E.07.00.41			
packing unit 2 (100 Pcs)	21.11.31E.07.00.42			
moment of inertia cm ⁴	$I_x = 0.6 \quad I_y = 0.6$			
moment of resistance cm ³	$W_x = 0.4 \quad W_y = 0.4$			
weight kg/m	$G = 0.5$			

wall thickness 1.2 mm				
 				
				
Description	Stainless steel pipe Ø28 1.2			
Pipe, 4 m	21.11.31E.12.00.40			
packing unit 1 (10 Pcs)	21.11.31E.12.00.41			
packing unit 2 (100 Pcs)	21.11.31E.12.00.42			
moment of inertia cm ⁴	$I_x = 0.9 \quad I_y = 0.9$			
moment of resistance cm ³	$W_x = 0.6 \quad W_y = 0.6$			
weight kg/m	$G = 0.8$			

wall thickness 2.0 mm				
				
Description	Aluminium pipe Ø28, 2.0			
Pipe, 4 m	21.11.410.20.00.40			
packing unit 1 (10 Pcs)	21.11.410.20.00.41			
packing unit 2 (100 Pcs)	21.11.410.20.00.42			
moment of inertia cm ⁴ moment of resistance cm ³ weight kg/m	G = 0.4			

wall thickness 1.5 mm				
				
Description	Aluminium pipe profile Ø28, 1.5, 1 slot	Aluminium pipe profile Ø28, 1.5, 2 slots, corner	Aluminium pipe profile Ø28, 1.5, 2 slots	Aluminium pipe profile Ø28, 1.5, 3 slots
Pipe profile, 4 m	21.11.44.10.40	21.11.44.22.40	21.11.44.20.40	21.11.44.30.40
packing unit 1 (10 Pcs)	21.11.44.10.41	21.11.44.22.41	21.11.44.20.41	21.11.44.30.41
packing unit 2 (100 Pcs)	21.11.44.10.42	21.11.44.22.42	21.11.44.20.42	21.11.44.30.42
moment of inertia cm ⁴ moment of resistance cm ³ weight kg/m	$I_x = 1.5$ $W_x = 1.1$ G = 0.6	$I_y = 1.5$ $W_y = 1.1$ G = 0.6	$I_x = 1.3$ $I_y = 1.3$ $W_x = 0.9$ $W_y = 0.9$ G = 0.6	$I_x = 1.5$ $I_y = 1.1$ $W_x = 1.1$ $W_y = 0.8$ G = 0.6

wall thickness 1.5 mm				
				
Description	Aluminium pipe profile Ø28, 1.5, 4 slots			
Pipe profile, 4 m	21.11.44.40.40			
packing unit 1 (10 Pcs)	21.11.44.40.41			
packing unit 2 (100 Pcs)	21.11.44.40.42			
moment of inertia cm ⁴ moment of resistance cm ³ weight kg/m	$I_x = 1.1$ $W_x = 0.8$ G = 0.5	$I_y = 1.1$ $W_y = 0.8$		

Standard joints	Standard joints overlapping joint	Angle joints	Crossover joints
 Standard joint 90° ➤ 14	 Standard joint 90° ➤ 17	 Corner joint ➤ 18	 Crossover joint ➤ 20
 Tangential joint ➤ 14		 45° angle joint ➤ 18	 Tangential crossover joint ➤ 21
 90° angle joint ➤ 15		 Hinged joint ➤ 19	 Bolted crossover joint ➤ 21
 180° joint ➤ 15	 180° joint ➤ 17	 Double hinged joint ➤ 19	 Tangential bolted crossover joint ➤ 22
 T-joint ➤ 16		 Hinged corner joint ➤ 20	
 Star joint ➤ 16			

Parallel joints



Parallel joint
➤ 22



Double standard joint
➤ 23

Extensions



Extension for ABS coated pipes
➤ 23

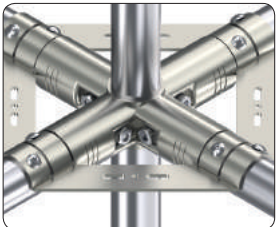


Extension for stainless steel pipes
➤ 23

Joint bracing



Corner support
➤ 24



Corner support type B
➤ 24

Sliding joints



90° sliding joint
➤ 25



Parallel sliding joint
➤ 26



Double sided parallel sliding joint
➤ 27

Flat pipe joints



Flat pipe joint
➡ 28

Slide pipe joints



Slide pipe joint
➡ 29



Slide pipe joint with stop
➡ 29



Slide pipe joint union
➡ 29



Slide pipe joint with offset
➡ 30

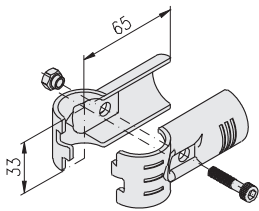


Slide pipe bridge
➡ 30



Slide pipe bridge, rounded
➡ 30

Standard joint 90°



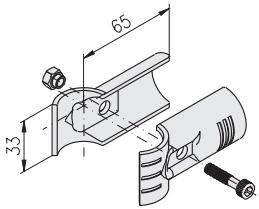
Description	Weight	Product No.
Standard joint 90°, black	149 g	21.121.01.1
Standard joint 90°, nickel plated	149 g	21.121.01.2

Single parts

Description	Pcs.	Weight	Product No.
Standard connector 90°	2	70 g	21.121.01A.□
Connector screw M6×25	1	7 g	0.63.6912.06025.□
Connector nut M6	1	2 g	21.99.61.A06.□

-
- black1
- nickel plated / silver2

Tangential joint



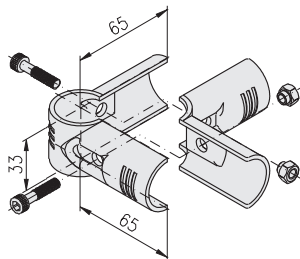
Description	Weight	Product No.
Tangential joint, black	129 g	21.121.02.1
Tangential joint, nickel plated	129 g	21.121.02.2

Single parts

Description	Pcs.	Weight	Product No.
Tangential connector	2	60 g	21.121.02A.□
Connector screw M6×25	1	7 g	0.63.6912.06025.□
Connector nut M6	1	2 g	21.99.61.A06.□

-
- black1
- nickel plated / silver2

90° angle joint



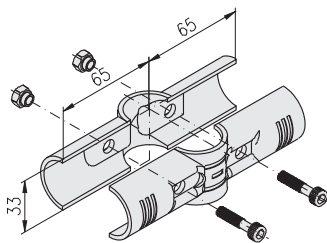
Description	Weight	Product No.
90° angle joint, black	239 g	21.121.03.1
90° angle joint, nickel plated	239 g	21.121.03.2

Single parts

Description	Pcs.	Weight	Product No.
90° angle connector inside	1	96 g	21.121.03A.□
90° angle connector outside	1	125 g	21.121.03B.□
Connector screw M6×25	2	7 g	0.63.6912.06025.□
Connector nut M6	2	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

180° joint



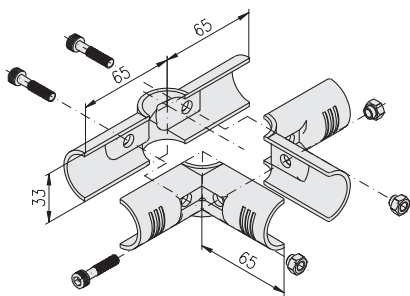
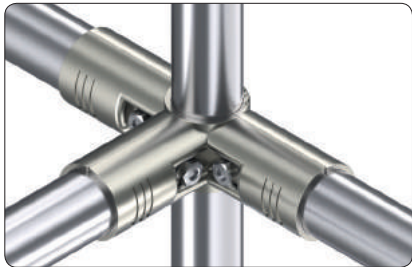
Description	Weight	Product No.
180° joint, black	238 g	21.121.04.1
180° joint, nickel plated	238 g	21.121.04.2

Single parts

Description	Pcs.	Weight	Product No.
180° connector	2	110 g	21.121.04A.□
Connector screw M6×25	2	7 g	0.63.6912.06025.□
Connector nut M6	2	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

T-joint



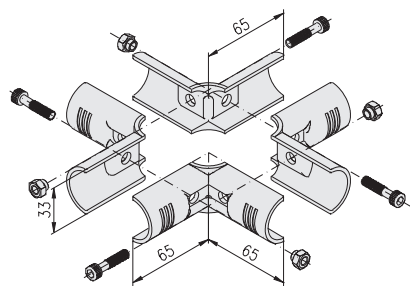
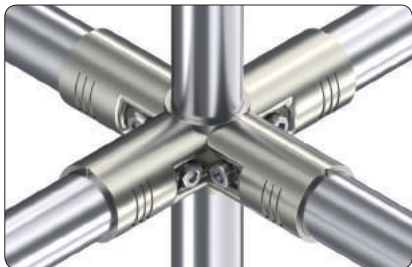
Description	Weight	Product No.
T-joint, black	329 g	21.121.05.1
T-joint, nickel plated	329 g	21.121.05.2

Single parts

Description	Pcs.	Weight	Product No.
90° angle connector inside	2	96 g	21.121.03A.□
180° connector	1	110 g	21.121.04A.□
Connector screw M6×25	3	7 g	0.63.6912.06025.□
Connector nut M6	3	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

Star joint



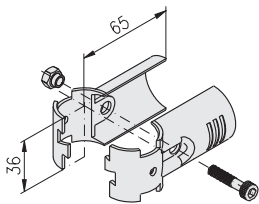
Description	Weight	Product No.
Star joint, black	420 g	21.121.06.1
Star joint, nickel plated	420 g	21.121.06.2

Single parts

Description	Pcs.	Weight	Product No.
90° angle connector inside	4	96 g	21.121.03A.□
Connector screw M6×25	4	7 g	0.63.6912.06025.□
Connector nut M6	4	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

Standard joint 90°
overlapping joint



Description	Weight	Product No.
Standard joint 90°, overlapping joint, black	141 g	21.121.11.1
Standard joint 90°, overlapping joint, nickel plated	141 g	21.121.11.2

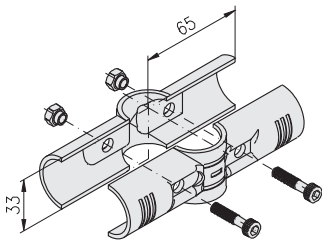
Single parts

Description	Pcs.	Weight	Product No.
Standard connector 90°, overlapping joint	2	66 g	21.121.11A.□
Connector screw M6×25	1	7 g	0.63.6912.06025.□
Connector nut M6	1	2 g	21.99.61.A06.□

Optional

Self cutting screw M4.2×13	2 g	0.63.7504.4,2x13□
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180° joint
overlapping joint

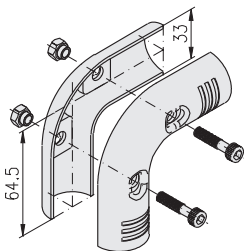


Description	Weight	Product No.
180° joint, overlapping joint, black	238 g	21.121.14.1
180° joint, overlapping joint, nickel plated	238 g	21.121.14.2

Single parts

Description	Pcs.	Weight	Product No.
180° connector, overlapping joint	2	110 g	21.121.14A.□
Connector screw M6×25	2	7 g	0.63.6912.06025.□
Connector nut M6	2	2 g	21.99.61.A06.□

Corner joint



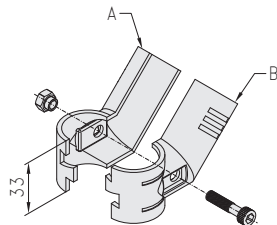
Description	Weight	Product No.
Corner joint, black	232 g	21.121.21.1
Corner joint, nickel plated	232 g	21.121.21.2

Single parts

Description	Pcs.	Weight	Product No.
Corner connector	2	107 g	21.121.21A.□
Connector screw M6×25	2	7 g	0.63.6912.06025.□
Connector nut M6	2	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

45° angle joint



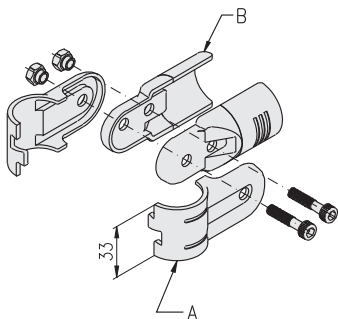
Description	Weight	Product No.
45° angle joint, black	155 g	21.121.22.1
45° angle joint, nickel plated	155 g	21.121.22.2

Single parts

Description	Pcs.	Weight	Product No.
45° angle connector, part A	1	73 g	21.121.22A.□
45° angle connector, part B	1	73 g	21.121.22B.□
Connector screw M6×25	1	7 g	0.63.6912.06025.□
Connector nut M6	1	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

Hinged joint



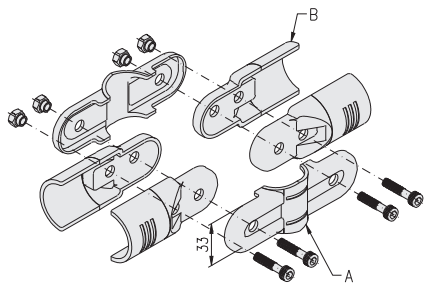
Description	Weight	Product No.
Hinged joint, black	234 g	21.121.23.1
Hinged joint, nickel plated	234 g	21.121.23.2

Single parts

Description	Pcs.	Weight	Product No.
Hinged connector, part A	2	48 g	21.121.23A.□
Hinged connector, part B	2	60 g	21.121.23B.□
Connector screw M6×25	2	7 g	0.63.6912.06025.□
Connector nut M6	2	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

Double hinged joint



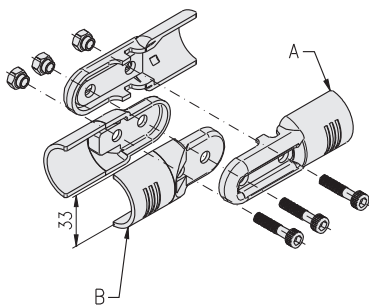
Description	Weight	Product No.
Double hinged joint, black	394 g	21.121.24.1
Double hinged joint, nickel plated	394 g	21.121.24.2

Single parts

Description	Pcs.	Weight	Product No.
Double hinged connector, part A	2	59 g	21.121.24A.□
Hinged connector, part B	4	60 g	21.121.23B.□
Connector screw M6×25	4	7 g	0.63.6912.06025.□
Connector nut M6	4	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

Hinged corner joint



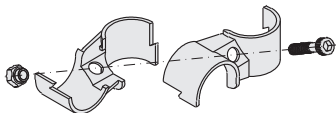
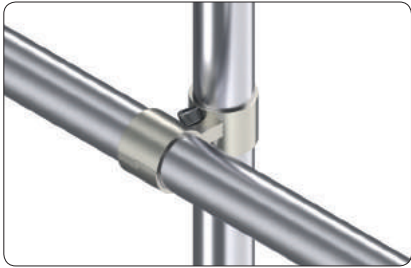
Description	Weight	Product No.
Hinged corner joint, black	281 g	21.121.25.1
Hinged corner joint, nickel plated	281 g	21.121.25.2

Single parts

Description	Pcs.	Weight	Product No.
Hinged corner connector, part A	2	67 g	21.121.25A.□
Hinged connector, part B	2	60 g	21.121.23B.□
Connector screw M6×25	3	7 g	0.63.6912.06025.□
Connector nut M6	3	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

Crossover joint



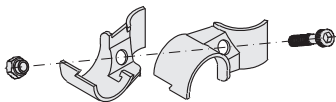
Description	Weight	Product No.
Crossover joint, black	109 g	21.121.31.1
Crossover joint, nickel plated	109 g	21.121.31.2

Single parts

Description	Pcs.	Weight	Product No.
Crossover connector	2	50 g	21.121.31A.□
Connector screw M6×25	1	7 g	0.63.6912.06025.□
Connector nut M6	1	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

Tangential crossover joint



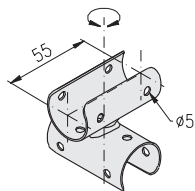
Description	Weight	Product No.
Tangential crossover joint, black	97 g	21.121.32.1
Tangential crossover joint, nickel plated	97 g	21.121.32.2

Single parts

Description	Pcs.	Weight	Product No.
Tangential crossover connector	2	44 g	21.121.32A.□
Connector screw M6×25	1	7 g	0.63.6912.06025.□
Connector nut M6	1	2 g	21.99.61.A06.□

-
- black1
- nickel plated / silver2

Bolted crossover connector

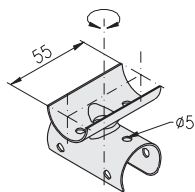


Description	Weight	Product No.
Bolted crossover connector, nickel plated	110 g	21.121.33A.2

Optional

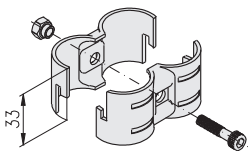
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132
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Bolted crossover connector, tangential



Description	Weight	Product No.
Bolted crossover connector, tangential, nickel plated	97 g	21.121.34A.2
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

Parallel joint



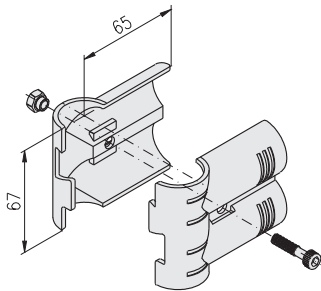
Description	Weight	Product No.
Parallel joint, black	121 g	21.121.41.1
Parallel joint, nickel plated	121 g	21.121.41.2

Single parts

Description	Pcs.	Weight	Product No.
Parallel connector	2	56 g	21.121.41A.□
Connector screw M6×25	1	7 g	0.63.6912.06025.□
Connector nut M6	1	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

Double standard joint



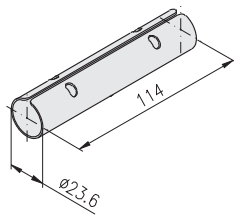
Description	Weight	Product No.
Double standard joint, black	289 g	21.121.42.1
Double standard joint, nickel plated	289 g	21.121.42.2

Single parts

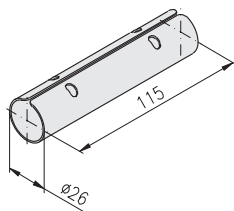
Description	Pcs.	Weight	Product No.
Double standard connector	2	140 g	21.121.42A.□
Connector screw M6×25	1	7 g	0.63.6912.06025.□
Connector nut M6	1	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

Extensions for pipes

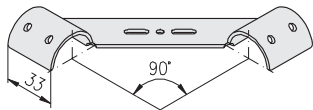
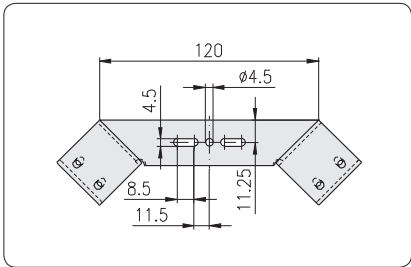
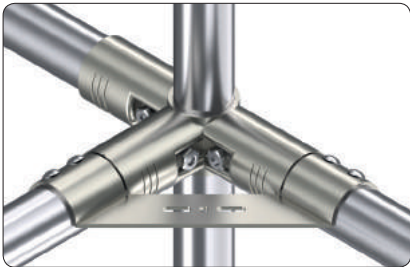


Description	Weight	Product No.
Extension for ABS coated pipes	46 g	21.121.51.2



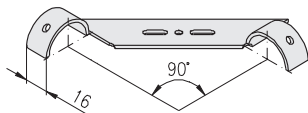
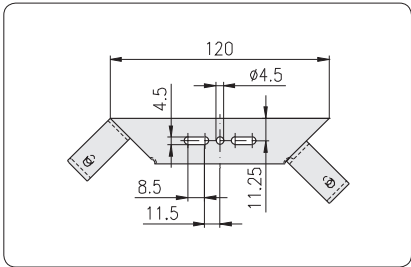
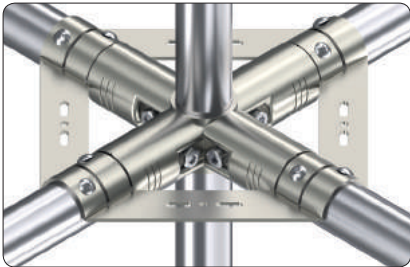
Description	Weight	Product No.
Extension for stainless steel pipes	50 g	21.121.52.2

Corner support



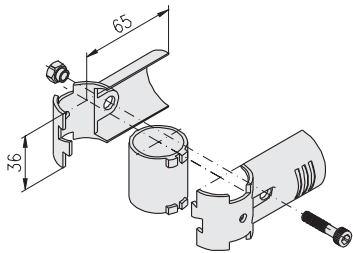
Description	Weight	Product No.
Corner support, nickel plated	106 g	21.121.61.2
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

type B



Description	Weight	Product No.
Corner support, type B, nickel plated	71 g	21.121.62.2
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

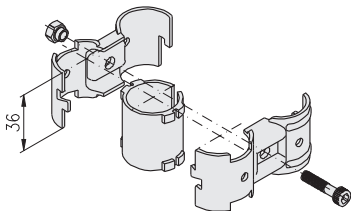
90° sliding joint



Description	Pcs.	Weight	Product No.
90° sliding joint, black	1	143 g	21.121.71.1
Single parts			
90° sliding connector, black	2	64 g	21.121.71A.1
Sliding sleeve, black	1	6 g	21.121.70A.01
Connector screw M6×25	1	7 g	0.63.6912.06025.1
Connector nut M6	1	2 g	21.99.61.A06.1
Optional			
Self cutting screw M4.2×13, black		2 g	0.63.7504.4,2x131

Description	Pcs.	Weight	Product No.
90° sliding joint, nickel plated	1	143 g	21.121.71.2
Single parts			
90° sliding connector, nickel plated	2	64 g	21.121.71A.2
Sliding sleeve, grey	1	6 g	21.121.70A.04
Connector screw M6×25	1	7 g	0.63.6912.06025.2
Connector nut M6	1	2 g	21.99.61.A06.2
Optional			
Self cutting screw M4.2×13, galvanised white steel		2 g	0.63.7504.4,2x132

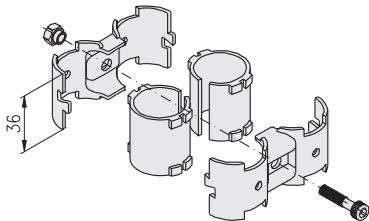
Parallel sliding joint
single sided



Description	Pcs.	Weight	Product No.
Parallel sliding joint, single sided, black	1	141 g	21.121.72.1
Single parts			
Parallel sliding connector, single sided, black	2	63 g	21.121.72A.1
Sliding sleeve, black	1	6 g	21.121.70A.01
Connector screw M6×25	1	7 g	0.63.6912.06025.1
Connector nut M6	1	2 g	21.99.61.A06.1
Optional			
Self cutting screw M4.2×13, black		2 g	0.63.7504.4,2x131

Description	Pcs.	Weight	Product No.
Parallel sliding joint, single sided, nickel plated	1	141 g	21.121.72.2
Single parts			
Parallel sliding connector, single sided, nickel plated	2	63 g	21.121.72A.2
Sliding sleeve, grey	1	6 g	21.121.70A.04
Connector screw M6×25	1	7 g	0.63.6912.06025.2
Connector nut M6	1	2 g	21.99.61.A06.2
Optional			
Self cutting screw M4.2×13, galvanised white steel		2 g	0.63.7504.4,2x132

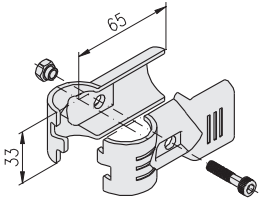
Parallel sliding joint
double sided



Description	Pcs.	Weight	Product No.
Parallel sliding joint, double sided, black	1	135 g	21.121.73.1
Single parts			
Parallel sliding connector, double sided, black	2	57 g	21.121.73A.1
Sliding sleeve, black	2	6 g	21.121.70A.01
Connector screw M6×25	1	7 g	0.63.6912.06025.1
Connector nut M6	1	2 g	21.99.61.A06.1
Optional			
Self cutting screw M4.2×13, black		2 g	0.63.7504.4,2x131

Description	Pcs.	Weight	Product No.
Parallel sliding joint, double sided, nickel plated	1	135 g	21.121.73.2
Single parts			
Parallel sliding connector, double sided, nickel plated	2	57 g	21.121.73A.2
Sliding sleeve, grey	2	6 g	21.121.70A.04
Connector screw M6×25	1	7 g	0.63.6912.06025.2
Connector nut M6	1	2 g	21.99.61.A06.2
Optional			
Self cutting screw M4.2×13, galvanised white steel		2 g	0.63.7504.4,2x132

Flat pipe joint



Description	Weight	Product No.
Flat pipe joint, black	149 g	21.121.81.1
Flat pipe joint, nickel plated	149 g	21.121.81.2

Single parts

Description	Pcs.	Weight	Product No.
Flat pipe connector	1	70 g	21.121.81A.□
Standard connector 90°	1	70 g	21.121.01A.□
Connector screw M6×25	1	7 g	0.63.6912.06025.□
Connector nut M6	1	2 g	21.99.61.A06.□

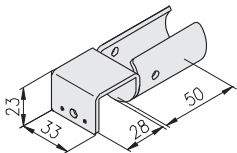
Optional

Self cutting screw M4.2×13	2 g	0.63.7504.4,2x13□
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Slide pipe joint



Technical data
material: steel
surface: galvanised

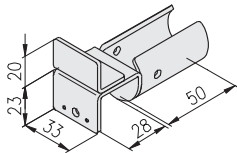


Description	Weight	Product No.
Slide pipe joint	115 g	21.121.91.2
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

Slide pipe joint with stop



Technical data
material: steel
surface: galvanised

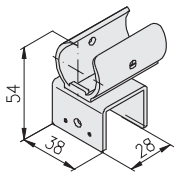


Description	Weight	Product No.
Slide pipe joint with stop	140 g	21.121.92.2
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

Slide pipe joint union

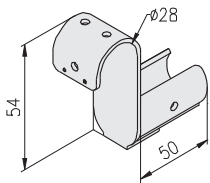


Technical data
material: steel
surface: galvanised



Description	Weight	Product No.
Slide pipe joint union	113 g	21.121.93.2
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

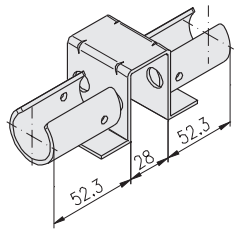
Slide pipe joint
with offset



Technical data
material: steel
surface: galvanised

Description	Weight	Product No.
Slide pipe joint with offset	126 g	21.121.94.2
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

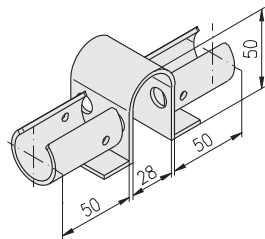
Slide pipe bridge



Technical data
material: steel
surface: galvanised

Description	Weight	Product No.
Slide pipe bridge	235 g	21.121.95.2
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

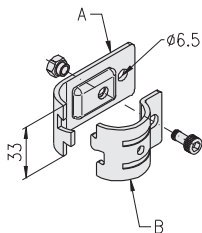
Slide pipe bridge
rounded



Technical data
material: steel
surface: galvanised

Description	Weight	Product No.
Slide pipe bridge, rounded	235 g	21.121.96.2
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

Screw-on pipe clamp
clasped



Description	Weight	Product No.
Screw-on pipe clamp, black	92 g	21.13.01.1
Screw-on pipe clamp, nickel plated	92 g	21.13.01.2

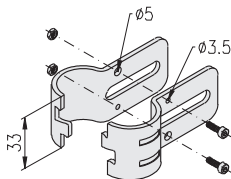
Single parts

Description	Pcs.	Weight	Product No.
Screw-on pipe clamp, part A	1	43 g	21.13.01A.□
Screw-on pipe clamp, part B	1	43 g	21.13.01B.□
Connector screw M6×10	1	4 g	0.63.6912.06010.□
Connector nut	1	2 g	21.99.61.A06.□

Optional

Self cutting screw M4.2×13	2 g	0.63.7504.4,2x13.□
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Screw-on pipe clamp,
long version
clasped

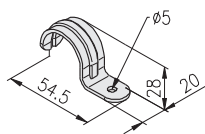


Description	Weight	Product No.
Screw-on pipe clamp, long version, black	104 g	21.13.02.1
Screw-on pipe clamp, long version, nickel plated	104 g	21.13.02.2

Single parts

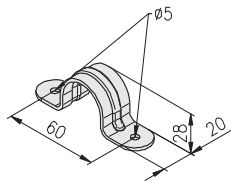
Description	Pcs.	Weight	Product No.
Screw-on pipe clamp, long version, part A	2	50 g	21.13.02A.□
Cylindric head screw DIN EN ISO 4762, M3×10	2	1 g	0.63.4762.03010.□
Hexagonal nut DIN 934—M3	2	1 g	0.61.D00934.03.□

Single sided pipe clamp



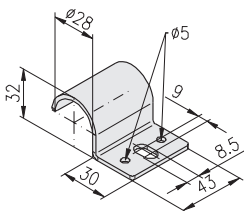
Description	Weight	Product No.
Single sided pipe clamp, nickel plated	22 g	21.13.03.2

Double sided pipe clamp



Description	Weight	Product No.
Double sided pipe clamp, nickel plated	23 g	21.13.04.2

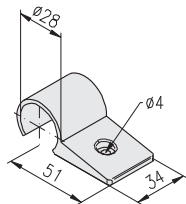
Pipe clamp wide



Description	Weight	Product No.
Pipe clamp, wide, nickel plated	77 g	21.13.05.2

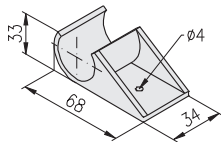
Optional	Weight	Product No.
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

Pipe clamps PE



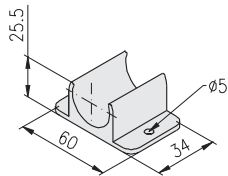
Description	Weight	Product No.
Pipe clamp PE, black	14 g	21.13.06.01
Pipe clamp PE, black, ESD	14 g	21.13.06.01E

Pipe clamps PE type B



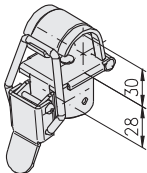
Description	Weight	Product No.
Pipe clamp PE, type B, black	16 g	21.13.07.01
Pipe clamp PE, type B, black, ESD	16 g	21.13.07.01E

Pipe clips PE



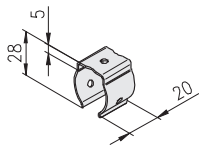
Description	Weight	Product No.
Pipe clip PE, black	13 g	21.13.08.01
Pipe clip PE, black, ESD	13 g	21.13.08.01E

Pipe quick lock



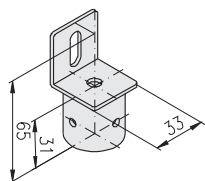
Description	Weight	Product No.
Pipe quick lock, nickel plated	125 g	21.13.09.2
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

Pipe clip



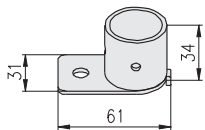
Description	Weight	Product No.
Pipe clip, nickel plated	13 g	21.13.10.2
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

Profile adaptor



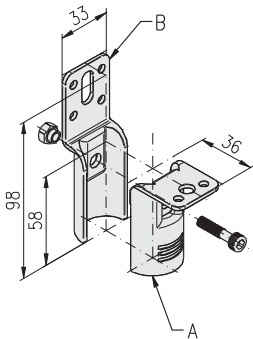
Description	Weight	Product No.
Profile adaptor, nickel plated	85 g	21.13.13.2
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

Profile adaptor 90°



Description	Weight	Product No.
Profile adaptor 90°, nickel plated	85 g	21.13.14.2
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

Roller track link



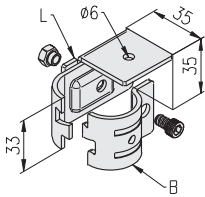
Description	Weight	Product No.
Roller track link, black	131 g	21.13.15.1
Roller track link, nickel plated	131 g	21.13.15.2

Single parts

Description	Pcs.	Weight	Product No.
Roller track link, part A	1	57 g	21.13.15A.□
Roller track link, part B	1	65 g	21.13.15B.□
Connector screw M6×25	3	7 g	0.63.6912.06025.□
Connector nut M6	3	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

Table top joint

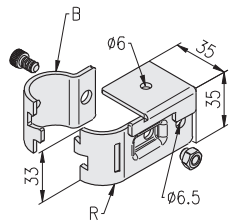


Description	Weight	Product No.
Table top joint, left, black	116 g	21.13.16L.1
Table top joint, left, nickel plated	116 g	21.13.16L.2

Single parts

Description	Pcs.	Weight	Product No.
Table top joint, clamp left	1	70 g	21.13.16A.□
Screw-on pipe clamp, part B	1	40 g	21.13.01B.□
Connector screw M6×10	1	4 g	0.63.6912.06010.□
Connector nut	1	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2



Description	Weight	Product No.
Table top joint, right, black	116 g	21.13.16R.1
Table top joint, right, nickel plated	116 g	21.13.16R.2

Single parts

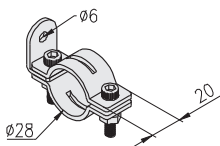
Description	Pcs.	Weight	Product No.
Table top joint, clamp right	1	70 g	21.13.16B.□
Screw-on pipe clamp, part B	1	40 g	21.13.01B.□
Connector screw M6×10	1	4 g	0.63.6912.06010.□
Connector nut	1	2 g	21.99.61.A06.□

□
black 1
nickel plated / silver 2

Shock absorber

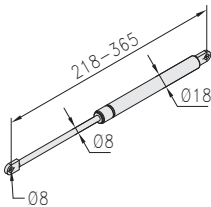


Shock absorber clamp



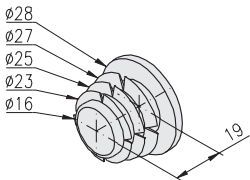
Description	Weight	Product No.
Shock absorber clamp, nickel plated	116 g	21.13.17.2
Optional		
Cylindric head screw, DIN 6912 - M6×12	5 g	0.63.D06912.06012
Connector nut	2 g	21.99.61.A06.2

Shock absorber



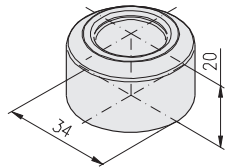
Description	Weight	Product No.
Shock absorber	214 g	21.13.18

End caps
for all pipes



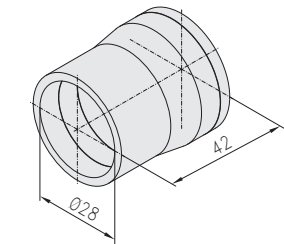
Description	Weight	Product No.
End cap, PE, black	3 g	21.14.01.01
End cap, PE, black, ESD	3 g	21.14.01.01E
End cap, PE, ivory	3 g	21.14.01.03
End cap, PE, grey	3 g	21.14.01.04

Cover cap



Description	Weight	Product No.
Cover cap, PE, black	7 g	21.14.02.01
Cover cap, PE, black, ESD	7 g	21.14.02.01E
Cover cap, PE, ivory	7 g	21.14.02.03
Cover cap, PE, grey	7 g	21.14.02.04

Rubber cap

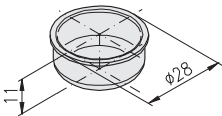


Description	Weight	Product No.
Rubber cap, black	25 g	21.14.02.RUB

End plugs
for ABS coated pipes



Technical data
material: steel

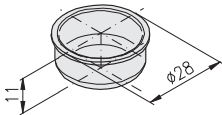


Description	wall thickness	Weight	Product No.
End plug for ABS coated pipes	0.7	7 g	21.14.03.07
End plug for ABS coated pipes	1.0	7 g	21.14.03.10

End plugs
for stainless steel pipes

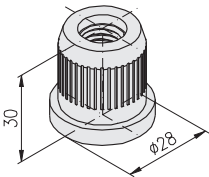


Technical data
material: steel



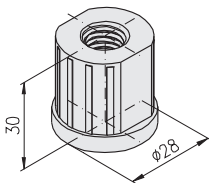
Description	wall thickness	Weight	Product No.
End plug for stainless steel pipes	0.7	7 g	21.14.04.07
End plug for stainless steel pipes	1.2	7 g	21.14.04.12

Threaded inserts
for ABS coated pipes



Description	wall thickness	Weight	Product No.
Threaded insert M12 for ABS coated pipes	0.7	83 g	21.14.05.07.1
Threaded insert 1/2" for ABS coated pipes	0.7	82 g	21.14.05.07.2
Threaded insert 5/8" for ABS coated pipes	0.7	68 g	21.14.05.07.3
Threaded insert M12 for ABS coated pipes	1.0	73 g	21.14.05.10.1
Threaded insert 1/2" for ABS coated pipes	1.0	73 g	21.14.05.10.2
Threaded insert 5/8" for ABS coated pipes	1.0	57 g	21.14.05.10.3
Threaded insert M12 for ABS coated pipes	2.0	64 g	21.14.05.20.1
Threaded insert 1/2" for ABS coated pipes	2.0	62 g	21.14.05.20.2
Threaded insert 5/8" for ABS coated pipes	2.0	46 g	21.14.05.20.3

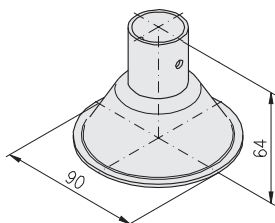
Threaded inserts
for stainless steel pipes



Description	wall thickness	Weight	Product No.
Threaded insert M12 for stainless steel pipes	0.7	99 g	21.14.06.07.1
Threaded insert 1/2" for stainless steel pipes	0.7	98 g	21.14.06.07.2
Threaded insert 5/8" for stainless steel pipes	0.7	75 g	21.14.06.07.3
Threaded insert M12 for stainless steel pipes	1.2	85 g	21.14.06.12.1
Threaded insert 1/2" for stainless steel pipes	1.2	80 g	21.14.06.12.2
Threaded insert 5/8" for stainless steel pipes	1.2	71 g	21.14.06.12.3

Slip on feet

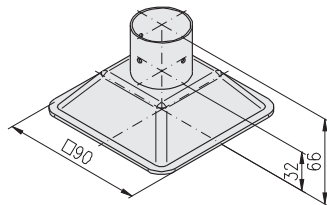
round



Description	Weight	Product No.
Slip on foot, round	250 g	21.15.01.2

Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

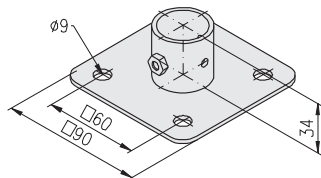
square



Description	Weight	Product No.
Slip on foot, square	295 g	21.15.02.2

Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

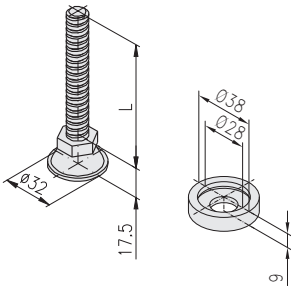
flat



Description	Weight	Product No.
Slip on foot, flat	195 g	21.15.03.2

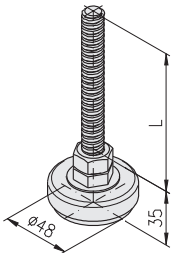
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

Threaded feet



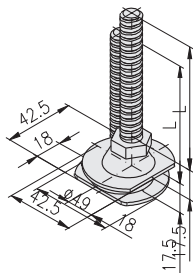
Technical data
material: steel, galvanised

Description	G × L	Weight	Product No.
Threaded foot 32	M12 × 50	75 g	21.15.04.032050.1
Threaded foot 32	M12 × 82	95 g	21.15.04.032082.1
Rubber pad for threaded foot 32		8 g	21.15.04.032PAD



Technical data
material: stainless steel

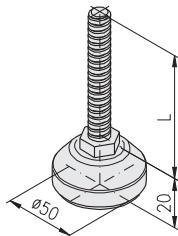
Description	G × L	Weight	Product No.
Threaded foot 48	M12 × 100	190 g	21.15.04.048100.1



Technical data
material: steel, galvanised

Description	G × L	Weight	Product No.
Threaded foot 49	M12 × 50	92 g	21.15.04.049050.1
Threaded foot 49	M12 × 82	115 g	21.15.04.049082.1

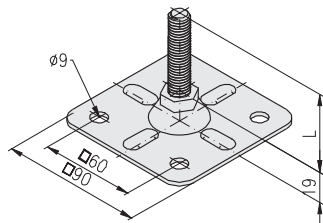
Threaded feet
with rubber pad



Technical data
material: steel, galvanised

Description	G × L	Weight	Product No.
Threaded foot 50 with rubber pad	M12 × 50	150 g	21.15.04.050050.1
Threaded foot 50 with rubber pad	M12 × 82	172 g	21.15.04.050082.1

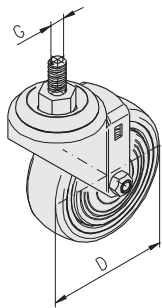
Threaded foot
square



Technical data
material: steel, galvanised

Description	G × L	Weight	Product No.
Threaded foot, square	M12 × 50	200 g	21.15.04.090050.1

Swivel castors with thread

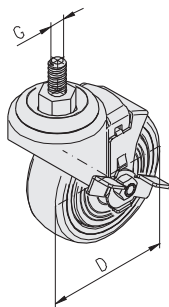


Technical data

material:
• capsule: sheet steel, galvanised
• wheels: solid rubber tyres
colour of tyre:
• standard: red
• ESD: black
Ø75/100 incl. thread protection
load capacity: F

Description	G	D	F	Weight	Product No.
Swivel castor with thread	M12	Ø75	130 kg	620 g	21.15.09.075
Swivel castor with thread	M12	Ø100	160 kg	735 g	21.15.09.100
	Swivel castor with thread, ESD	5/8" Ø75	80 kg	770 g	21.15.11.075E
	Swivel castor with thread, ESD	5/8" Ø100	100 kg	965 g	21.15.11.100E

Swivel castors with break with thread

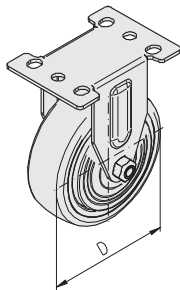


Technical data

material:
• capsule: sheet steel, galvanised
• wheels: solid rubber tyres
colour of tyre:
• standard: red
• ESD: black
Ø75/100 incl. thread protection
load capacity: F

Description	G	D	F	Weight	Product No.
Swivel castor with break	M12	Ø75	130 kg	680 g	21.15.12.075
Swivel castor with break	M12	Ø100	160 kg	800 g	21.15.12.100
	Swivel castor with break, ESD	5/8" Ø75	80 kg	830 g	21.15.14.075E
	Swivel castor with break, ESD	5/8" Ø100	100 kg	1,050 g	21.15.14.100E

Fixed castors with mounting plate



Technical data

material:
• capsule: sheet steel, galvanised
• wheels: solid rubber tyres
colour of tyre:
• standard: red
• ESD: black
Ø75/100/125/150 incl. thread protection
load capacity: F

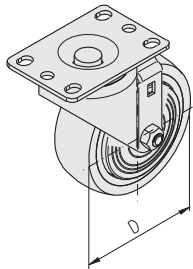
Description	D	F	Weight	Product No.
Fixed castor with mounting plate	Ø75	130 kg	425 g	21.15.15.075
 Fixed castor with mounting plate, ESD	Ø75	130 kg	580 g	21.15.15.075E
Fixed castor with mounting plate	Ø100	160 kg	545 g	21.15.15.100
 Fixed castor with mounting plate, ESD	Ø100	160 kg	760 g	21.15.15.100E
Fixed castor with mounting plate	Ø125	200 kg	680 g	21.15.15.125
 Fixed castor with mounting plate, ESD	Ø125	200 kg	960 g	21.15.15.125E
Fixed castor with mounting plate	Ø150	200 kg	2,790 g	21.15.15.150
 Fixed castor with mounting plate, ESD	Ø150	200 kg	3,275 g	21.15.15.150E

Swivel castors with mounting plate



Technical data

material:
• capsule: sheet steel, galvanised
• wheels: solid rubber tyres
colour of tyre:
• standard: red
• ESD: black
Ø75/100/125/150 incl. thread protection
load capacity: F



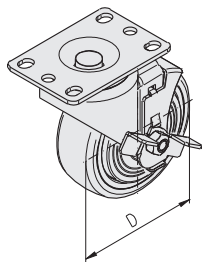
	Description	D	F	Weight	Product No.
	Swivel castor with mounting plate	Ø75	130 kg	705 g	21.15.16.075
	Swivel castor with mounting plate, ESD	Ø75	130 kg	875 g	21.15.16.075E
	Swivel castor with mounting plate	Ø100	160 kg	815 g	21.15.16.100
	Swivel castor with mounting plate, ESD	Ø100	160 kg	1,070 g	21.15.16.100E
	Swivel castor with mounting plate	Ø125	200 kg	950 g	21.15.16.125
	Swivel castor with mounting plate, ESD	Ø125	200 kg	1,265 g	21.15.16.125E
	Swivel castor with mounting plate	Ø150	200 kg	3,180 g	21.15.16.150
	Swivel castor with mounting plate, ESD	Ø150	200 kg	3,640 g	21.15.16.150E

Swivel castors with break and mounting plate



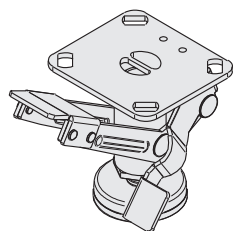
Technical data

material:
• capsule: sheet steel, galvanised
• wheels: solid rubber tyres
colour of tyre:
• standard: red
• ESD: black
Ø75/100/125/150 incl. thread protection
load capacity: F



	Description	D	F	Weight	Product No.
	Swivel castor with break	Ø75	130 kg	770 g	21.15.17.075
	Swivel castor with break, ESD	Ø75	130 kg	930 g	21.15.17.075E
	Swivel castor with break	Ø100	160 kg	885 g	21.15.17.100
	Swivel castor with break, ESD	Ø100	160 kg	1,150 g	21.15.17.100E
	Swivel castor with break	Ø125	200 kg	1,025 g	21.15.17.125
	Swivel castor with break, ESD	Ø125	200 kg	1,355 g	21.15.17.125E
	Swivel castor with break	Ø150	200 kg	3,435 g	21.15.17.150
	Swivel castor with break, ESD	Ø150	200 kg	3,880 g	21.15.17.150E

Break for use with castor

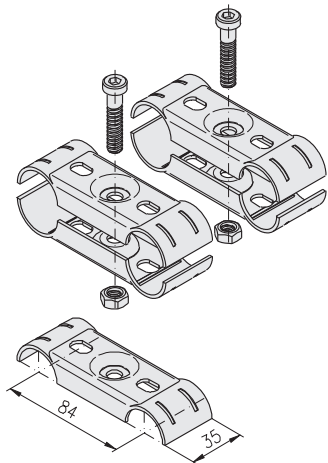


Description	D	Weight	Product No.
Break for castors	Ø100	1,150 g	21.15.18.100
Break for castors	Ø125	1,195 g	21.15.18.125
Break for castors	Ø150	2,455 g	21.15.18.150

Castor mounting sets
for castors with mounting plates

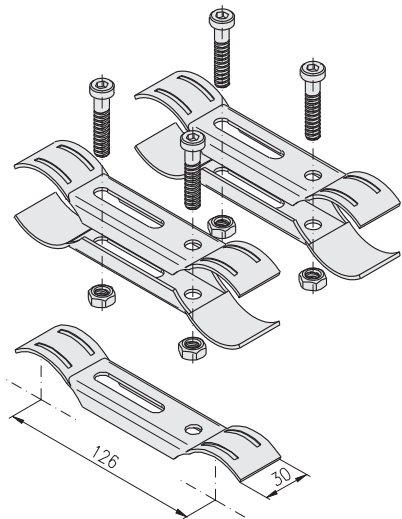


Technical data
material: steel, galvanised



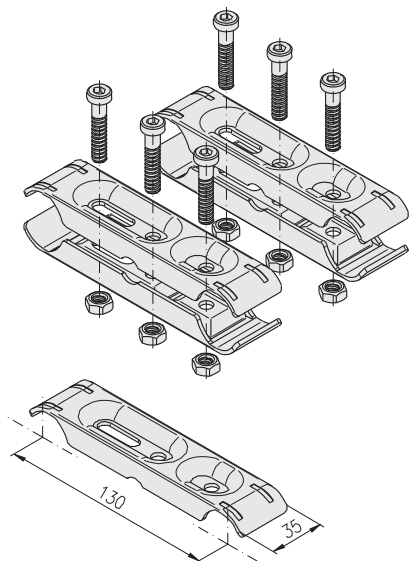
Description	Weight	Product No.
Castor mounting set 84	486 g	21.15.19.01

Single parts			
Description	Pcs.	Weight	Product No.
Castor mounting 84	4	111 g	21.15.19.01A
Cylindric head screw DIN 6912, M8×40	2	17 g	0.63.D06912.08040
Hexagonal nut DIN 934–M8	2	4 g	0.61.D00934.08



Description	Weight	Product No.
Castor mounting set 126	548 g	21.15.19.02

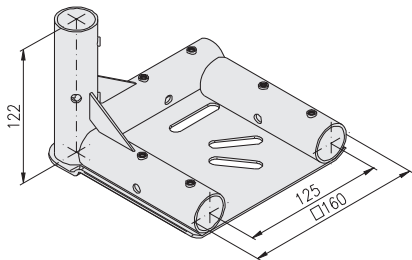
Single parts			
Description	Pcs.	Weight	Product No.
Castor mounting 126	4	116 g	21.15.19.02A
Cylindric head screw DIN 6912, M8×40	4	17 g	0.63.D06912.08040
Hexagonal nut DIN 934–M8	4	4 g	0.61.D00934.08



Description	Weight	Product No.
Castor mounting set 130	726 g	21.15.19.03

Single parts			
Description	Pcs.	Weight	Product No.
Castor mounting 130	4	150 g	21.15.19.03A
Cylindric head screw DIN 6912, M8×40	6	17 g	0.63.D06912.08040
Hexagonal nut DIN 934–M8	6	4 g	0.61.D00934.08

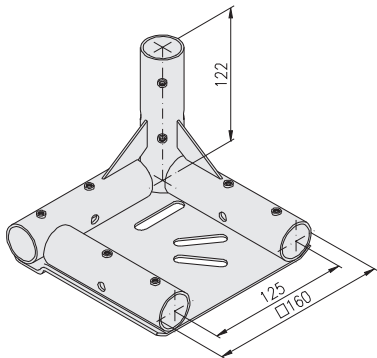
Footplates
left



Technical data
material: steel, black

Description	Weight	Product No.
Footplate, left	1,170 g	21.15.20.2L
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

right

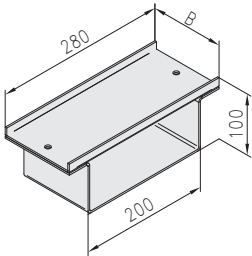


Description	Weight	Product No.
Footplate, right	1,170 g	21.15.20.2R
Optional		
Self cutting screw M4.2×13, galvanised white steel	2 g	0.63.7504.4,2x132

Forklift guides



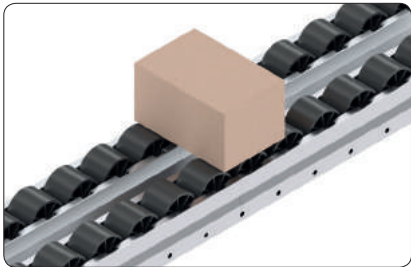
Technical data
material: steel



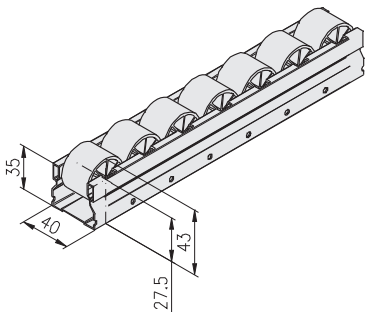
Description	B	Surface	Weight	Product No.
Forklift guide	120	black	1.900 g	21.15.30.01.1
Forklift guide	120	silver galvanised	1.900 g	21.15.30.01.2
Forklift guide	160	black	2.500 g	21.15.30.02.1
Forklift guide	160	silver galvanised	2.500 g	21.15.30.02.2

Roller type	Width			
	40	40 low noise	60	85
Standard	 50	 50	 53	 54
		 50		
ESD	 50	 50	 53	
Flat	 51		 53	
	 51		 53	
Edge roller	 52	 52		
	 52	 52		

Roller tracks 40



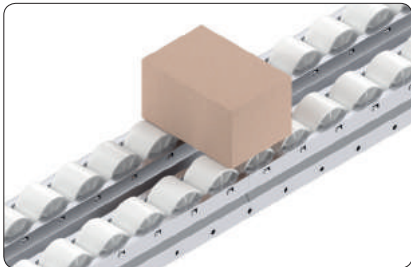
Technical data	
roller-Ø:	31 mm
shaft-Ø:	4 mm
roller distance:	36 mm
height:	43 mm
length:	4 m
load capacity:	150 kg
material:	steel galvanised / Polyethylen



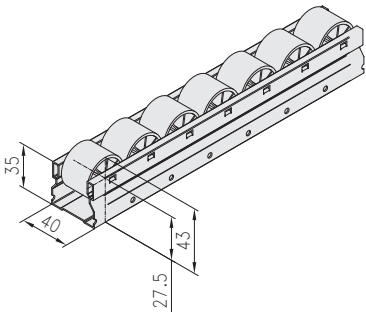
Description	Colour of roller		Weight	Product No.
Roller track 40	white	length 4 m	4.8 kg	21.16.1.040.11.2.40
Roller track 40	white	cut to length	1.2 kg/m	21.16.1.040.11.2/...
Roller track 40, ESD	black	length 4 m	5.0 kg	21.16.1.040.11.1E.40
Roller track 40, ESD	black	cut to length	1.25 kg/m	21.16.1.040.11.1E/...

/... = length in mm

Roller tracks 40
low noise (In)



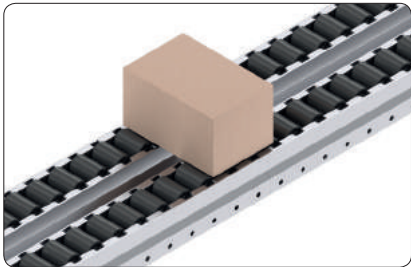
Technical data	
roller-Ø:	31 mm
shaft-Ø:	4 mm
roller distance:	36 mm
height:	43 mm
length:	4 m
load capacity:	150 kg
material:	steel galvanised / Polyethylen



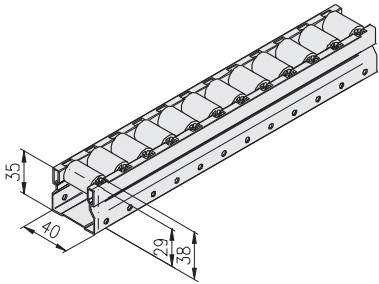
Description	Colour of roller		Weight	Product No.
Roller track 40 In	white	length 4 m	4.8 kg	21.16.1.040.12.2.40
Roller track 40 In	white	cut to length	1.2 kg/m	21.16.1.040.12.2/...
Roller track 40 In	grey	length 4 m	4.8 kg	21.16.1.040.12.5.40
Roller track 40 In	grey	cut to length	1.2 kg/m	21.16.1.040.12.5/...
Roller track 40 In, ESD	black	length 4 m	5.0 kg	21.16.1.040.12.1E.40
Roller track 40 In, ESD	black	cut to length	1.25 kg/m	21.16.1.040.12.1E/...

/... = length in mm

Roller tracks 40
flat



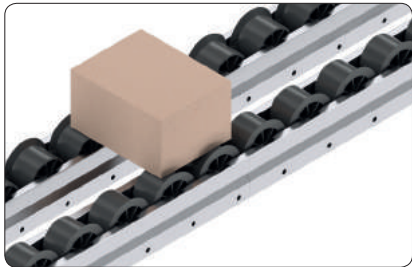
Technical data	
roller-Ø:	18 mm
shaft-Ø:	4 mm
roller distance:	22 mm
height:	38 mm
length:	4 m
load capacity:	150 kg
material:	steel galvanised / Polyethylen



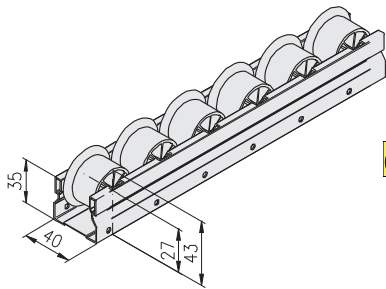
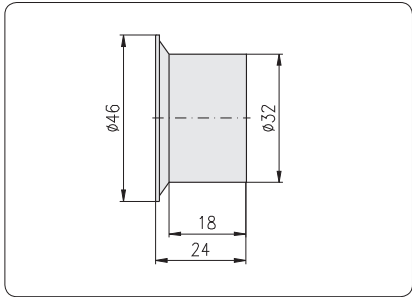
Description	Colour of roller		Weight		Product No.
Roller track 40 flat	white	length 4 m	5.4 kg		21.16.1.040.21.2.40
Roller track 40 flat	white	cut to length	1.35 kg/m		21.16.1.040.21.2/...
Roller track 40 flat, ESD	black	length 4 m	5.4 kg		21.16.1.040.21.1E.40
Roller track 40 flat, ESD	black	cut to length	1.35 kg/m		21.16.1.040.21.1E/...

/... = length in mm

Roller tracks 40
with edge rollers



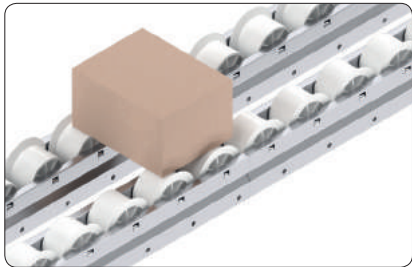
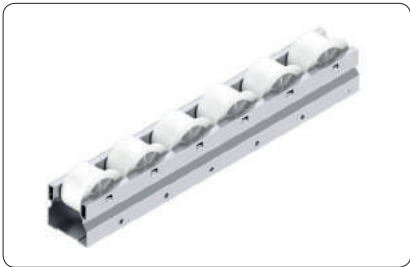
Technical data	
roller-Ø:	32 mm
shaft-Ø:	4 mm
roller distance:	48.5 mm
height:	43 mm
length:	4 m
load capacity:	150 kg
material:	steel galvanised / Polyethylen



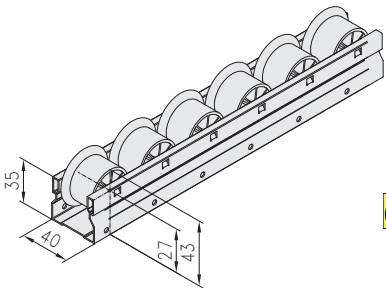
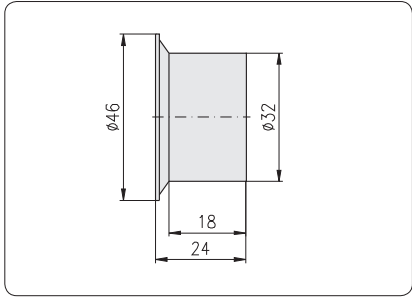
Description	Colour	Weight	Product No.
Roller track 40 with edge rollers	white	length 4 m	4.5 kg 21.16.1.040.31.2.40
Roller track 40 with edge rollers	white	cut to length	1.125 kg/m 21.16.1.040.31.2/...
Roller track 40 with edge rollers, ESD	black	length 4 m	4.6 kg 21.16.1.040.31.1E.40
Roller track 40 with edge rollers, ESD	black	cut to length	1.15 kg/m 21.16.1.040.31.1E/...

/... = length in mm

Roller tracks 40
with edge rollers
low noise (In)



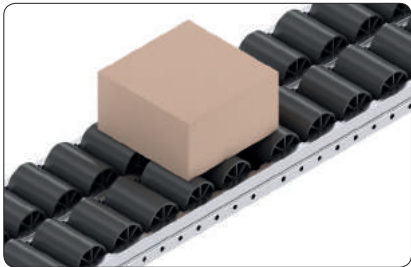
Technical data	
roller-Ø:	32 mm
shaft-Ø:	4 mm
roller distance:	48.5 mm
height:	43 mm
length:	4 m
load capacity:	150 kg
material:	steel galvanised / Polyethylen



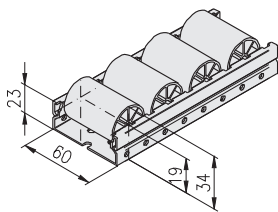
Description	Colour	Weight	Product No.
Roller track 40 with edge rollers In	white	length 4 m	4.5 kg 21.16.1.040.32.2.40
Roller track 40 with edge rollers In	white	cut to length	1.125 kg/m 21.16.1.040.32.2/...
Roller track 40 with edge rollers In, ESD	black	length 4 m	4.6 kg 21.16.1.040.32.1E.40
Roller track 40 with edge rollers In, ESD	black	cut to length	1.15 kg/m 21.16.1.040.32.1E/...

/... = length in mm

Roller tracks 60



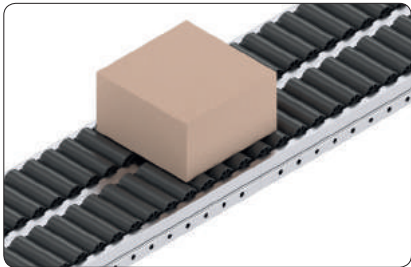
Technical data	
roller-Ø:	30 mm
shaft-Ø:	4 mm
roller distance:	37 mm
height:	34 mm
length:	4 m
load capacity:	kg
material:	steel galvanised / Polyethylen



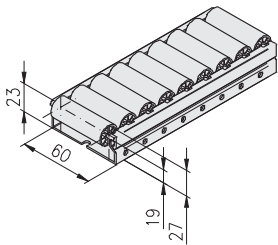
Description	Colour of roller		Weight	Product No.
Roller track 60	white	length 4 m	5.5 kg	21.16.1.060.11.2.40
Roller track 60	white	cut to length	1.375 kg/m	21.16.1.060.11.2/...
Roller track 60, ESD	black	length 4 m	5.5 kg	21.16.1.060.11.1E.40
Roller track 60, ESD	black	cut to length	1.375 kg/m	21.16.1.060.11.1E/...

/... = length in mm

Roller tracks 60 flat



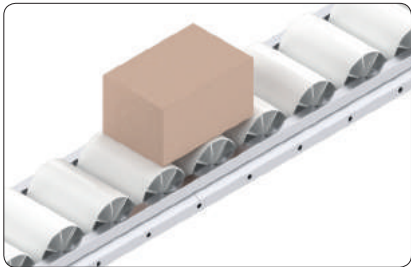
Technical data	
roller-Ø:	16 mm
shaft-Ø:	4 mm
roller distance:	18.5 mm
height:	27 mm
length:	4 m
load capacity:	kg
material:	steel galvanised / Polyethylen



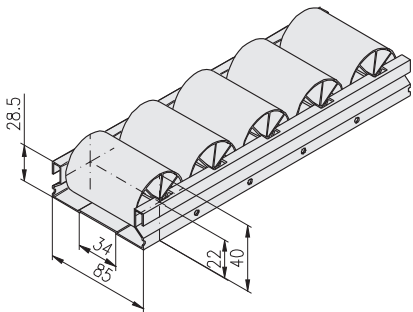
Description	Colour of roller		Weight	Product No.
Roller track 60 flat	white	length 4 m	5.3 kg	21.16.1.060.21.2.40
Roller track 60 flat	white	cut to length	1.325 kg/m	21.16.1.060.21.2/...
Roller track 60 flat, ESD	black	length 4 m	5.3 kg	21.16.1.060.21.1E.40
Roller track 60 flat, ESD	black	cut to length	1.325 kg/m	21.16.1.060.21.1E/...

/... = length in mm

Roller track 85



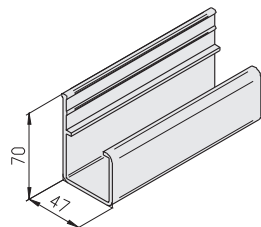
Technical data	
roller-Ø:	36 mm
shaft-Ø:	5 mm
roller distance:	40 mm
height:	40 mm
length:	4 m
load capacity:	300 kg
material:	steel galvanised / Polyethylen



Description	Colour of roller		Weight	Product No.
Roller track 85	white	length 4 m	9.6 kg	21.16.1.085.11.2.40
Roller track 85	white	cut to length	2.4 kg/m	21.16.1.085.11.2/...

/... = length in mm

Side guiding profile



- 40
- 40 F
- 60
- 60 F
- 85



Technical data

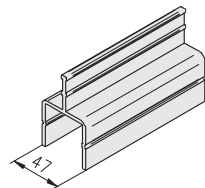
material: PE
bar length: 3 m

Description

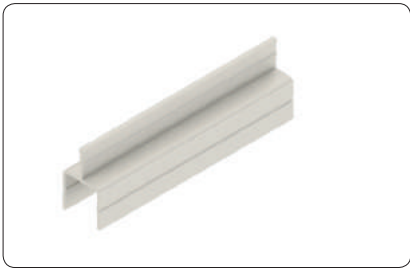
Description	Weight	Product No.
Side guiding profile	length 3 m 2.0 kg	21.16.2.01.03.30
Side guiding profile	cut to length 0.67 kg/m	21.16.2.01.03/...

/... = length in mm

Center guiding profile



- 40
- 40 F
- 60
- 60 F
- 85



Technical data

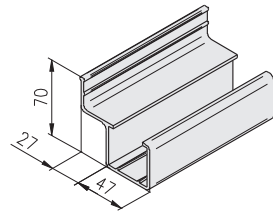
material: PE
bar length: 3 m

Description

Description	Weight	Product No.
Center guiding profile	length 3 m 2.1 kg	21.16.2.02.03.30
Center guiding profile	cut to length 0.7 kg/m	21.16.2.02.03/...

/... = length in mm

Side guiding profile with offset



- 40
- 40 F
- 60
- 60 F
- 85



Technical data

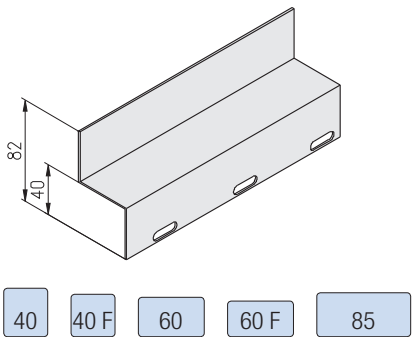
material: PE
bar length: 3 m

Description

Description	Weight	Product No.
Side guiding profile with offset	length 3 m 2.6 kg	21.16.2.03.03.30
Side guiding profile with offset	cut to length 0.87 kg/m	21.16.2.03.03/...

/... = length in mm

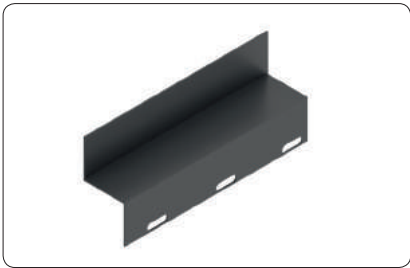
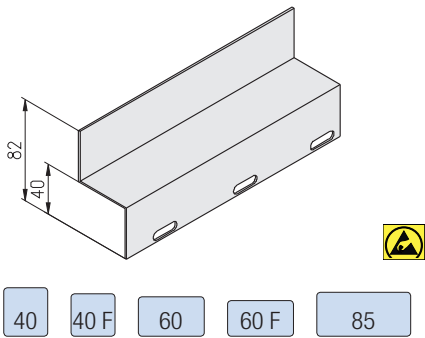
Single side guiding profiles
for all roller tracks



Technical data
material: steel, ivory
bar length: 1.5 m

Description		Weight	Product No.
Single side guiding profile, steel, ivory	length 3 m	1.35 kg	21.16.2.04.03.20
Single side guiding profile, steel, ivory	cut to length	0.9 kg/m	21.16.2.04.03/...

/... = length in mm

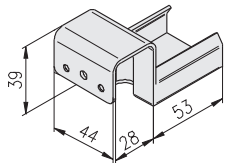


Technical data
material: steel, black powder-coated
ESD
bar length: 1.5 m

Description		Weight	Product No.
Single side guiding profile, steel black, ESD	length 1.5 m	1.35 kg	21.16.2.05E.01.20
Single side guiding profile, steel black, EDS	cut to length	0.9 kg/m	21.16.2.05E.01/...

/... = length in mm

Roller track supports
40



- 40
- 40 F
- 60
- 60 F
- 85

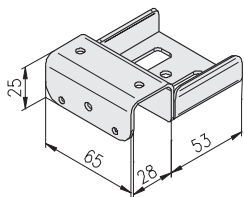


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 40	129 g	21.16.3.10F.040

60



- 40
- 40 F
- 60
- 60 F
- 85

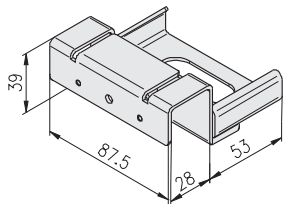


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 60	193 g	21.16.3.10F.060

85



- 40
- 40 F
- 60
- 60 F
- 85

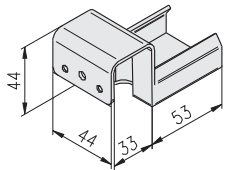


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 85	250 g	21.16.3.10F.085

Roller track supports
overlapping joint
40 type B

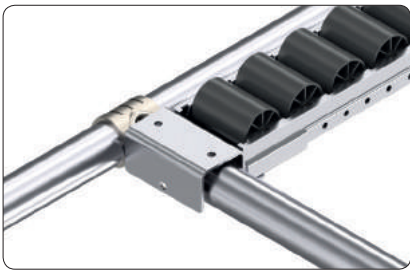
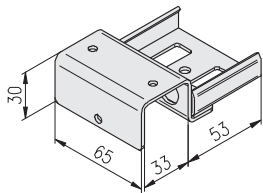


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 40, type B	150 g	21.16.3.11F.040

60 type B

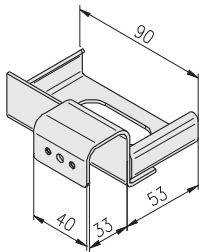
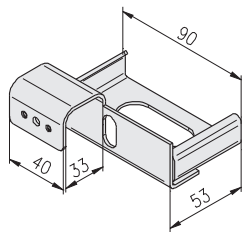


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 60, type B	178 g	21.16.3.11F.060

85 type B



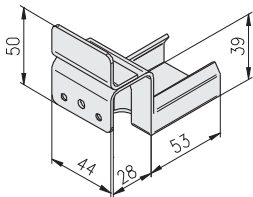
Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 85, type B, left	212 g	21.16.3.11F.085L

Description	Weight	Product No.
Roller track support 85, type B, right	212 g	21.16.3.11F.085R

Roller track supports
with stop
40



- 40
- 40 F
- 60
- 60 F
- 85

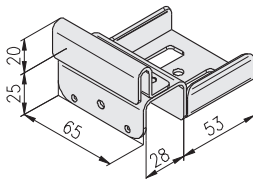


Technical data
material: steel galvanised

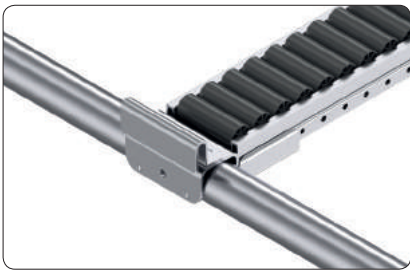
Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 40 with stop	160 g	21.16.3.20F.040

60



- 40
- 40 F
- 60
- 60 F
- 85

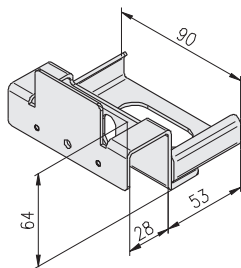


Technical data
material: steel galvanised

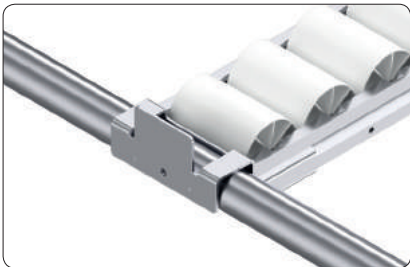
Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 60 with stop	205 g	21.16.3.20F.060

85



- 40
- 40 F
- 60
- 60 F
- 85

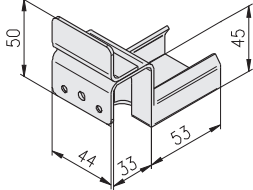


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 85 with stop	249 g	21.16.3.20F.085

Roller track supports
with stop
overlapping joint
40 type B

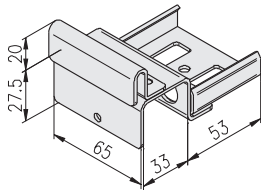


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 40 with stop, type B	180 g	21.16.3.21F.040

60 type B

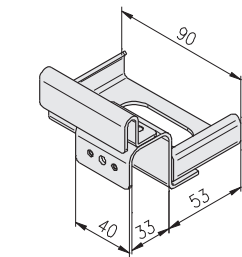
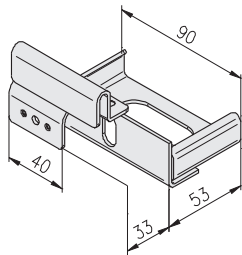


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 60 with stop, type B	232 g	21.16.3.21F.060

85 type B



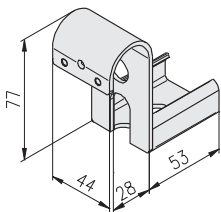
Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 85 with stop, type B, left	265 g	21.16.3.21F.085L

Description	Weight	Product No.
Roller track support 85 with stop, type B, right	265 g	21.16.3.21F.085R

Roller track supports
with offset
40



- 40
- 40 F
- 60
- 60 F
- 85

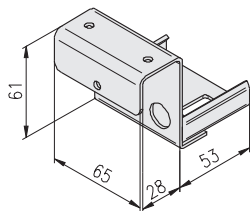


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 40 round, with offset	148 g	21.16.3.30R.040

60



- 40
- 40 F
- 60
- 60 F
- 85

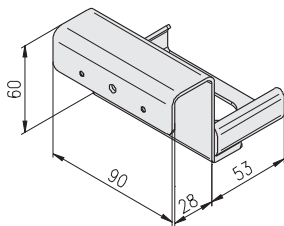


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 60 with offset	209 g	21.16.3.30F.060

85



- 40
- 40 F
- 60
- 60 F
- 85

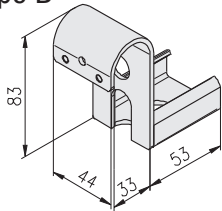


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 85 with offset	291 g	21.16.3.30F.085

Roller track supports
with offset
overlapping joint
40 type B



- 40
- 40 F
- 60
- 60 F
- 85

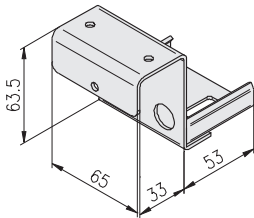


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 40 with offset, type B	170 g	21.16.3.31R.040

60 type B



- 40
- 40 F
- 60
- 60 F
- 85

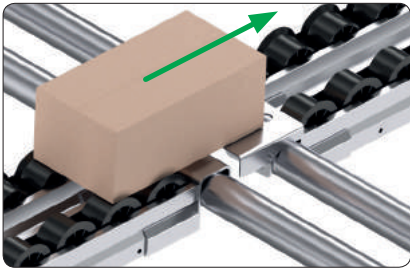


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 60 with offset, type B	218 g	21.16.3.31F.060

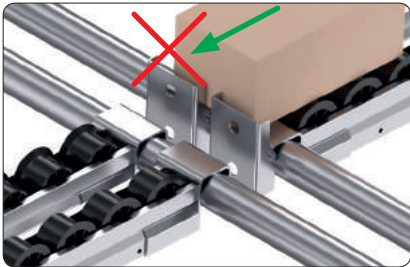
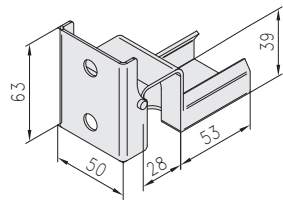
Roller track supports round with return stop



Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

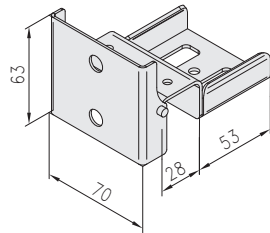
40



- 40
- 40 F
- 60
- 60 F
- 85

Description	Weight	Product No.
Roller track support 40 round with return stop	193 g	21.16.3.32F.040

60

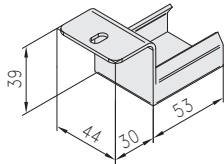


- 40
- 40 F
- 60
- 60 F
- 85

Description	Weight	Product No.
Roller track support 60 round with return stop	230 g	21.16.3.32F.060

Roller track supports
for profiles

40



- 40
- 40 F
- 60
- 60 F
- 85

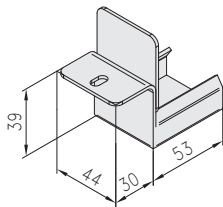


Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 40 for profiles	110 g	21.16.3.P10.040

40 with stop



- 40
- 40 F
- 60
- 60 F
- 85



Technical data
material: steel galvanised

Optional
self cutting screw M4,2×13,
galvanised white steel 0.63.7504.4,2x132

Description	Weight	Product No.
Roller track support 40 for profiles with stop	150 g	21.16.3.P20.040