

since 1924



Product Catalogue

Installation Technology and Light Stands

Always a good connection

fast, robust, safe.

08/2026

bound to tradition - focused on the future.

Preamble

Schreier Maschinen- und Apparatebau GmbH was founded in 1924 by Johann Schreier and is now in its third generation as a family business. In addition to the bulk materials technology sector, in which **schreier** manufactures requirement-specific machines for handling bulk materials (e.g. BIGBAG, container filling and emptying stations, lump breakers, screw conveyors and much more), **schreier** also produces a wide range of installation materials for equipping/supplying complete production-oriented businesses with electrical and air lines. Supports, pipe clamps and fastening elements as well as light stands in different variations for lighting in industrial plants round off the portfolio. **schreier** products are successfully used in many branches of the industry.

What sets us apart?

We have always offered customer-oriented specialisation and both durable and high quality, which has paved the way for us in this worldwide, cross-sector market. The planning, design and manufacturing of our products are carried out exclusively in Ludwigshafen am Rhein by qualified employees. Innovation and solidarity are particularly important to us.

We would be pleased to support you with your projects and installations. Feel free to contact us!



Industriestr. 11b
67063 Ludwigshafen am Rhein
Germany



+49 621 635340



+49 621 6353450



verkauf@schreier-gmbh.de



schreier-gmbh.de

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C-grid cable tray

Always a good connection - The ideal installation technology for cables of all types

The C-grid cable tray is a cable and line support system made of 4.5 mm thick steel wires that are welded together. The profile is reminiscent of the capital letter C, which explains the name C-grid cable tray.

schreier C-grid cable trays are characterised by high stability, high flexibility as well as easy and quick installation options - especially for conversions and retrofitting. The C-grid cable trays can be used simultaneously as a cable routing and support system for electrical and control cables, air ducts, lighting or switching, measuring and control devices.

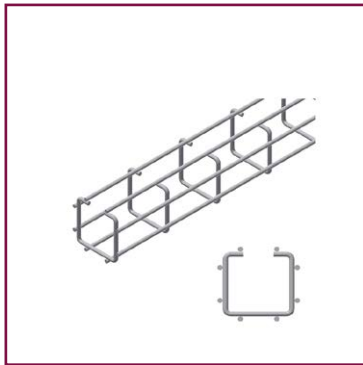
The robust C-grid cable trays can be connected to each other horizontally, vertically and at angles to any length. Mounting and fastening leave nothing to be desired, as the C-grid cable trays can be mounted on walls, ceilings, floors, but also on steel girders or steel structures, or suspended from ceilings.

The open design is advantageous because the C-grid cable tray can be easily fitted with cables at any level. Due to the fact, that the cable material is only inserted, changes and extensions can also be carried out very easily and fast. Moreover, in contrast to protective conduit installation, there is no need to break out pipes by sawing or burning.

schreier C-grid cable trays are available in various widths; the side height of 50 mm is identical for all versions, so that the coordinated mounting and fastening elements can be used universally. The C-grid cable tray as a cost-effective complete laying system for cables of all types is an optimal alternative to the usual protective conduit laying and to conventional cable support systems.

The C-grid cable trays and most of the mounting and connecting parts are available both in hot-dip galvanised finish according to DIN EN ISO 1461 and in stainless steel material 1.4301/304. Electrostatic powder coating is available as an alternative surface finish on order and when purchasing appropriate quantities.

C-grid cable tray



C-grid cable tray

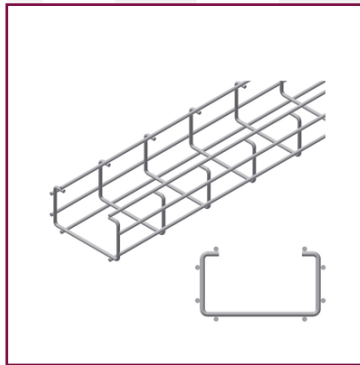
inner dimension 50×50 mm,
length 3 000 mm,
mesh spacing 75 mm in
longitudinal direction,
made of steel wire Ø 4.5 mm

5011001

hot-dip galvanized according to
DIN EN ISO 1461

5012001

stainless steel material 1.4301/304



C-grid cable tray

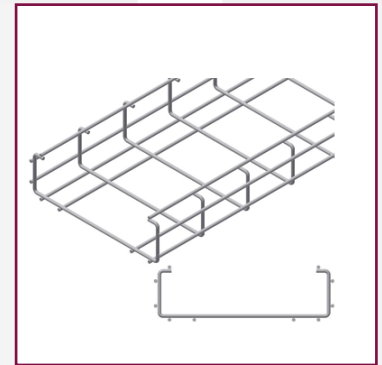
inner dimension 100×50 mm,
length 3 000 mm,
mesh spacing 75 mm in
longitudinal direction,
made of steel wire Ø 4.5 mm

5011002

hot-dip galvanized according to
DIN EN ISO 1461

5012002

stainless steel material 1.4301/304



C-grid cable tray

inner dimension 200×50 mm,
length 3 000 mm,
mesh spacing 75 mm in
longitudinal direction,
made of steel wire Ø 4.5 mm

5011003

hot-dip galvanized according to
DIN EN ISO 1461

5012003

stainless steel material 1.4301/304



Mesh gutter cutter DN5

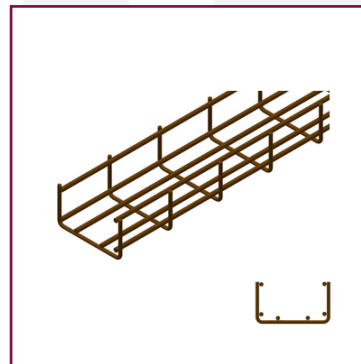
for cutting C-grid cable trays
with max. 4,5 mm diameter at a
hardness of max. 20 HRC, almost
completely burr-free shearing.
The blades are exchangeable.

5019001

Replacement blades

5019002

stainless steel material 1.4301/304



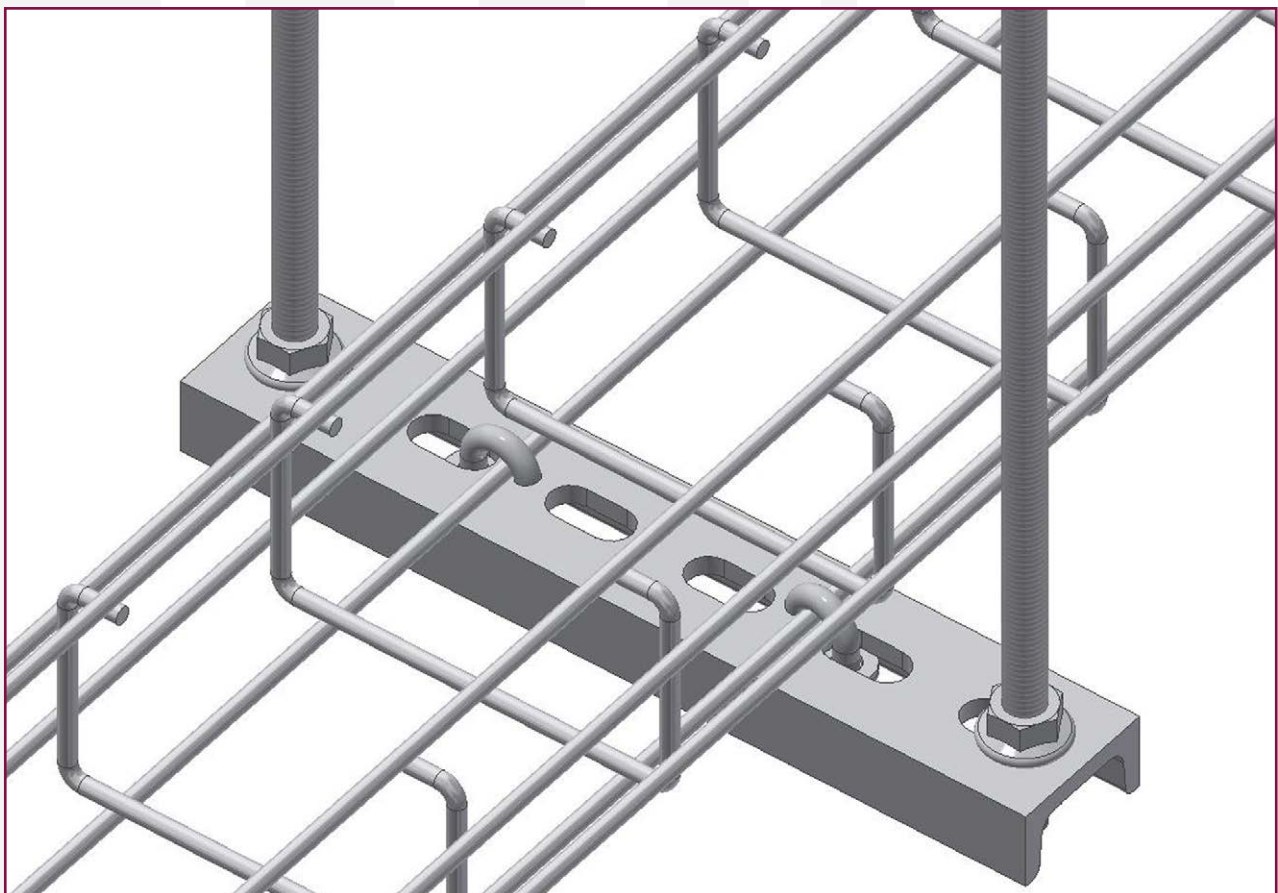
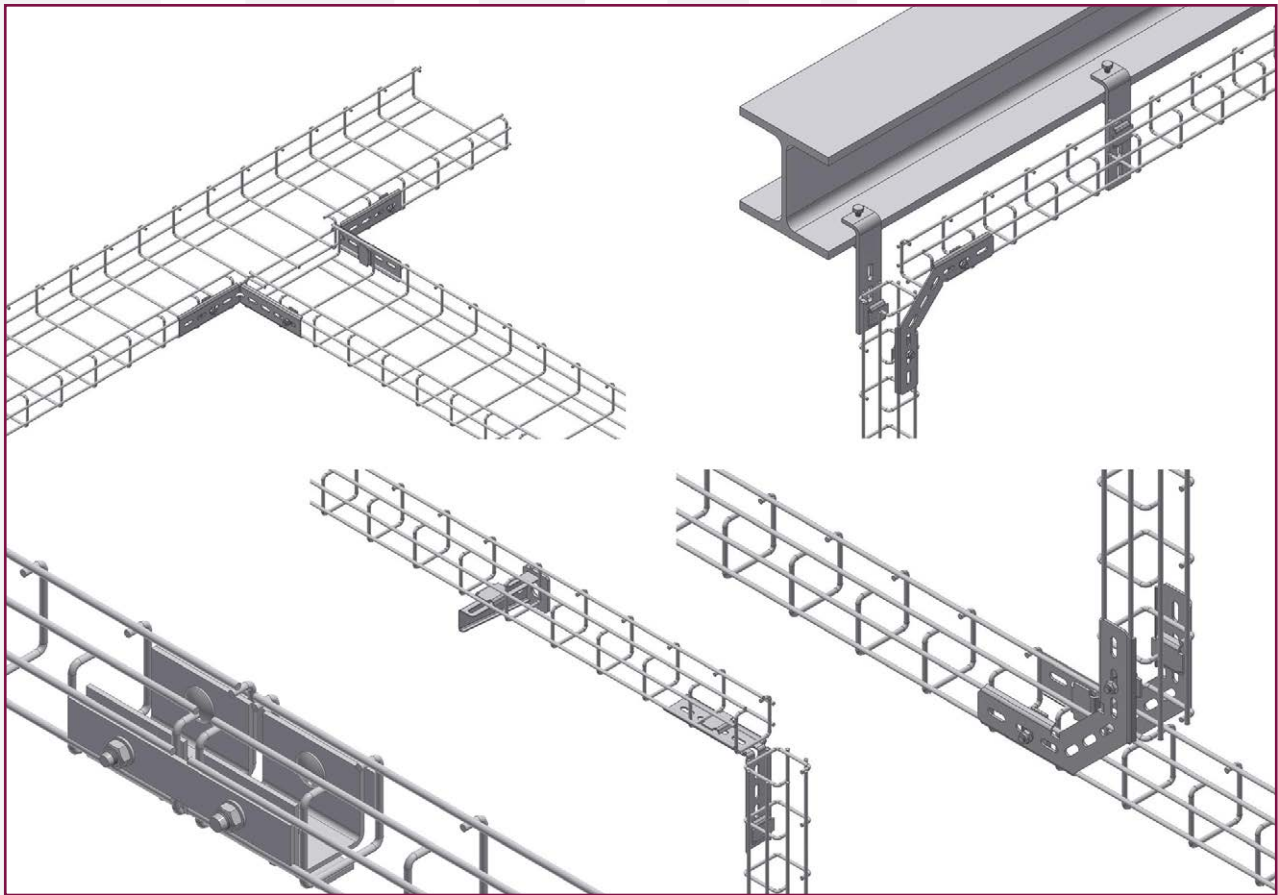
Guide grid

for wires and cables
inner dimension 61×33 mm,
length 2 494 mm,
made of steel wire,
Ø 4 mm and Ø 3.15 mm

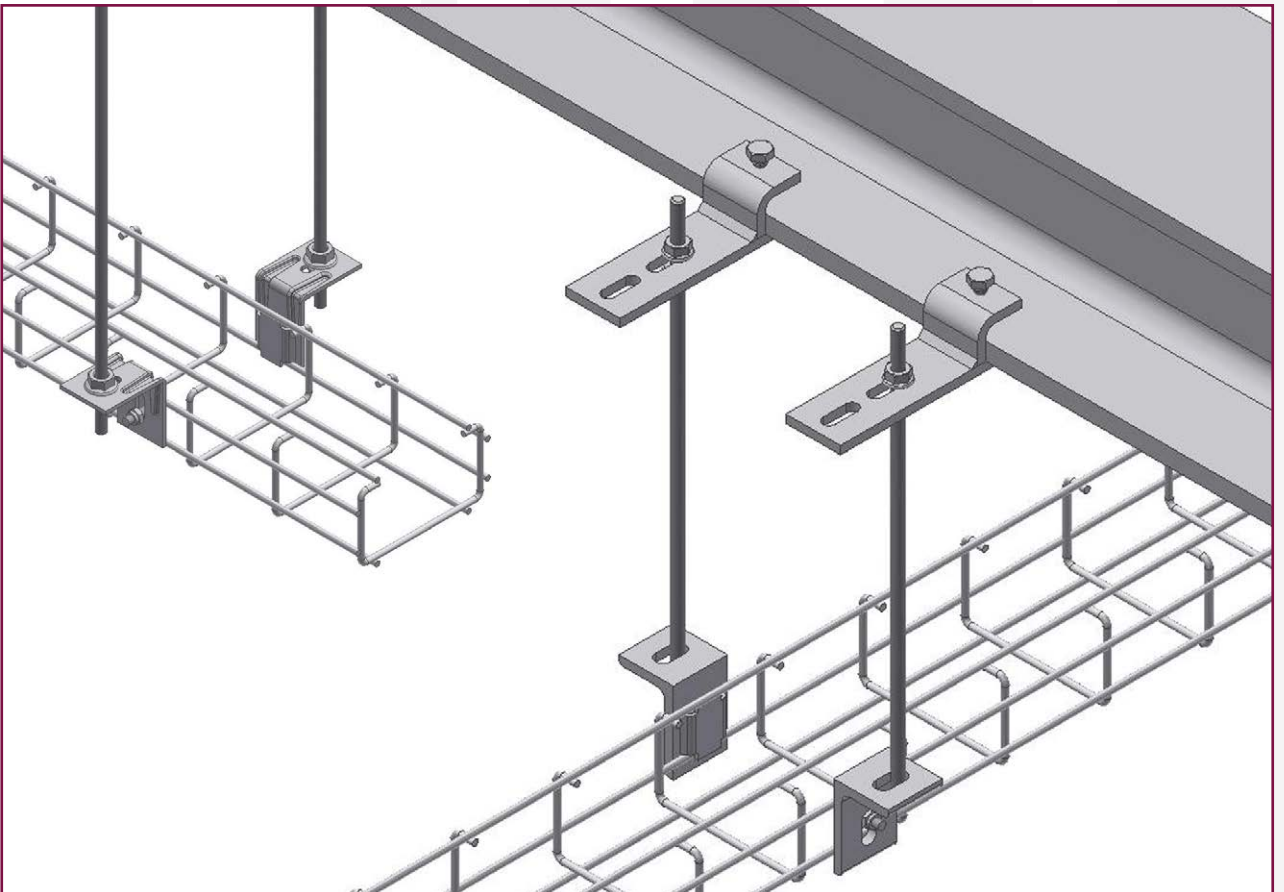
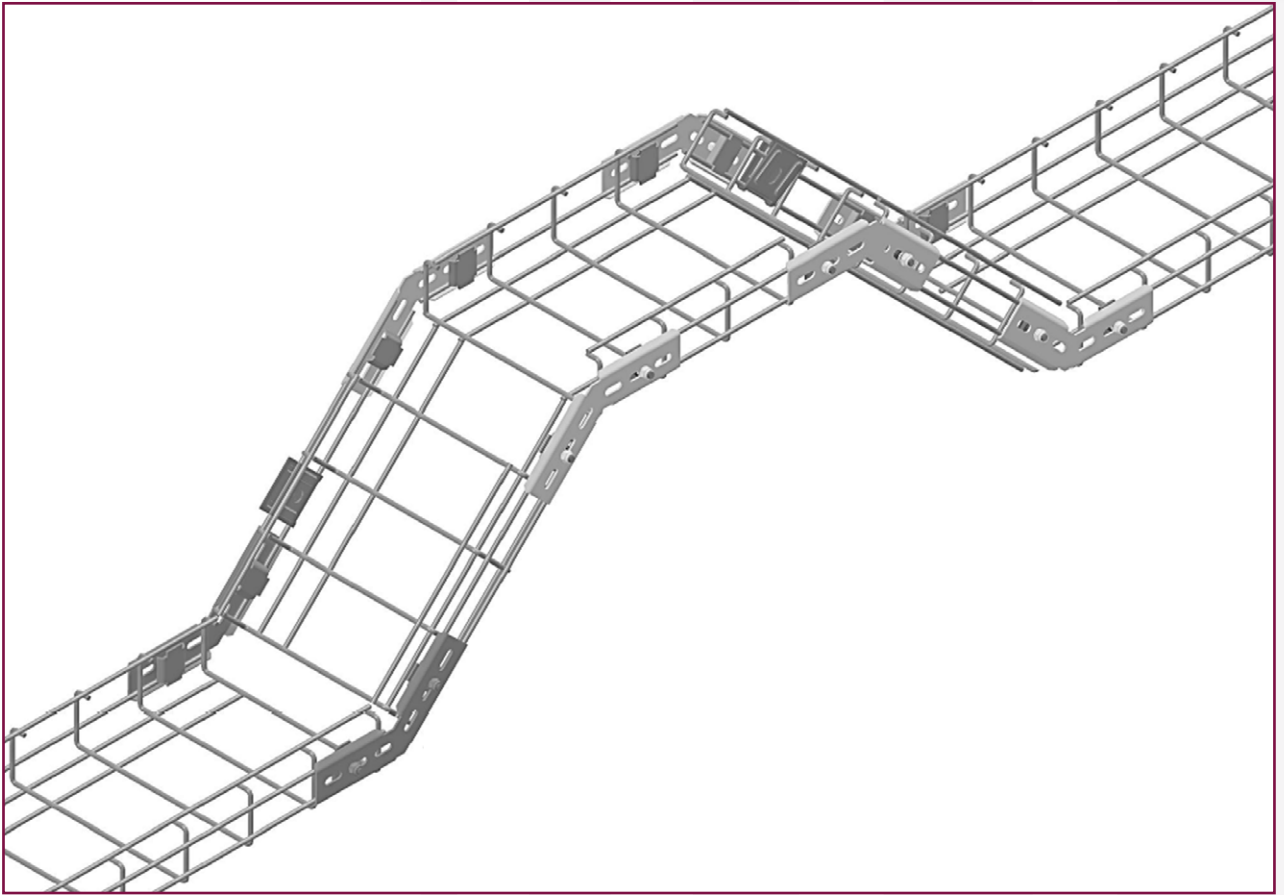
5011004

powder-coated, brown RAL 8019

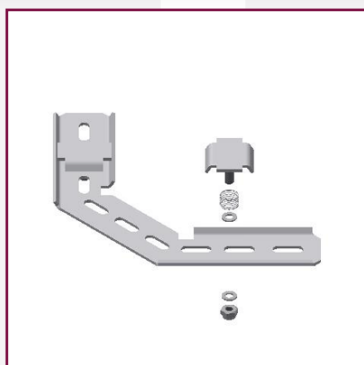
C-grid cable tray



C-grid cable tray



Mounting materials



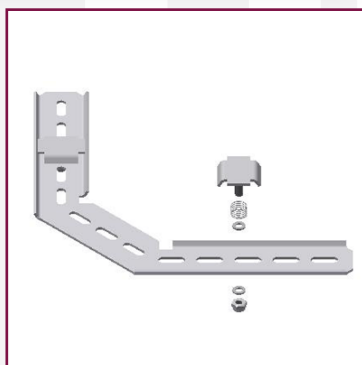
Mounting bracket 90° , small
to connect 90° bends,
side length 170 mm with
9 slotted holes 7×20 mm,
completely assembled with
clamping pieces, springs,
washers and locking nuts

5021001

hot-dip galvanized according to
DIN EN ISO 1461

5022001

stainless steel material 1.4301/304



Mounting bracket 90° , large
to connect 90° bends,
side length 230 mm with
13 slotted holes 7×20 mm,
completely assembled with
clamping pieces, springs,
washers and locking nuts

5021002

hot-dip galvanized according to
DIN EN ISO 1461

5022002

stainless steel material 1.4301/304



Mounting bracket 45°
to connect 45° bends,
side length 103×103 mm with
6 slotted holes 7×20 mm,
completely assembled with
clamping pieces, springs,
washers and locking nuts

5021003

hot-dip galvanized according to
DIN EN ISO 1461

5022003

stainless steel material 1.4301/304



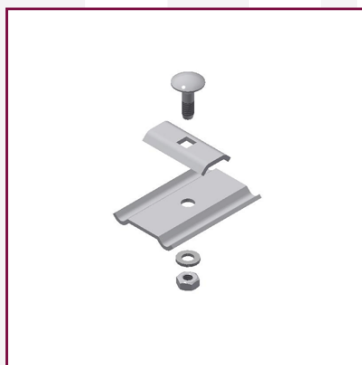
Bendable connector
for individual connection of
C-grid cable trays,
length 264 mm with
9 slotted holes 7×20 mm,
completely assembled with
clamping pieces, springs,
washers and locking nuts

5021004

hot-dip galvanized according to
DIN EN ISO 1461

5022004

stainless steel material 1.4301/304



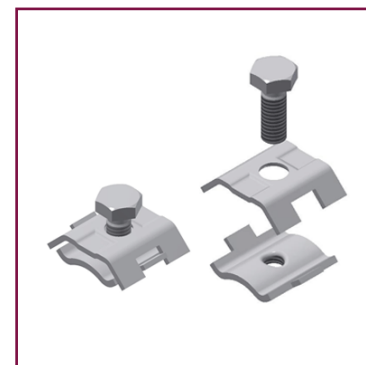
Side connector
for a straight connection of
C-grid cable trays,
dimension 60×41 mm,
completely assembled with
truss-head screw,
washer and nut

5021005

hot-dip galvanized according to
DIN EN ISO 1461

5022005

stainless steel material 1.4301/304

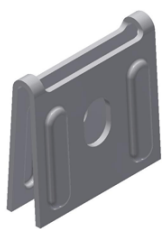


Corner connector
for angular connection of
C-grid cable trays for branches
and horizontal bends,
dimension 25×22 mm,
completely mounted with
hexagon screw

5022006

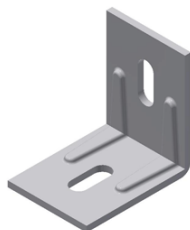
stainless steel material 1.4301/304

Mounting materials

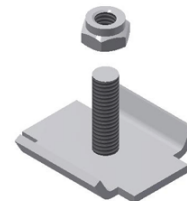


Wall fastener

to attach C-grid cable trays
on walls, dimension 50×50 mm,
thickness 2 mm,
with slotted holes 11×16 mm



Fixing bracket for ceiling/floor
for mounting C-grid cable trays
on ceilings and floors,
dimension 53×53 mm,
width 40 mm, thickness 3 mm,
with slotted holes 8×23 mm



Clamping piece

to attach C-grid cable trays,
dimension 23×35 mm,
bolt length 20 mm,
completely mounted
with locking nut

5021007

hot-dip galvanized according to
DIN EN ISO 1461

5021008

hot-dip galvanized according to
DIN EN ISO 1461

5021009

Galvanised according to DIN EN ISO 4042

5022007

stainless steel material 1.4301/304

5022008

stainless steel material 1.4301/304

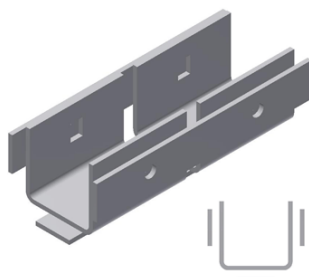
5022009

stainless steel material 1.4301/304



Clamping plate

fixing material for
C-grid cable trays,
dimension 41×30 mm,
thickness 2 mm,
centred hole 9×9 mm



Side connector

in reinforced version for
continuous row installation with
50×50 mm C-grid cable trays,
consisting of 2 U-profiles
56×47 mm, length 69 mm,
thickness 3 mm, 3 flat plates
162×25 mm, thickness 4 mm, to fix
with carriage bolt M8×20 DIN 603



Hook bolt M6

with toothed
special flange nut
similar to DIN EN 1661,
unmounted,
for mounting
C-grid cable trays

5021010

hot-dip galvanized according to
DIN EN ISO 1461

5021011

hot-dip galvanized according to
DIN EN ISO 1461

5021012

Galvanised according to DIN EN ISO 4042

5022010

stainless steel material 1.4301/304

Cantilever



Cantilever 110

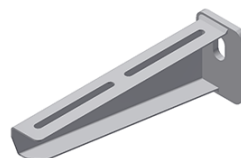
as a support structure for
C-grid cable trays
of sizes 50 and 100 mm,
for mounting on walls and
steel structures

5031001

hot-dip galvanized according to
DIN EN ISO 1461

5032001

stainless steel material 1.4301/304



Cantilever 210

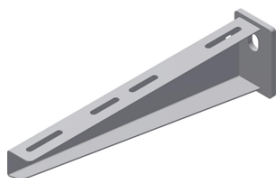
as a support structure for
C-grid cable trays
of sizes 200 mm or
100 and 50 mm in combination,
for mounting on walls and
steel structures

5031002

hot-dip galvanized according to
DIN EN ISO 1461

5032002

stainless steel material 1.4301/304



Cantilever 310

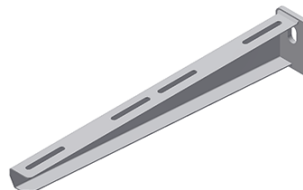
as a support structure for
C-grid cable trays in combination,
e.g. sizes 100 and 200 mm,
or 50 and 200 mm,
for mounting on walls and
steel structures

5031003

hot-dip galvanized according to
DIN EN ISO 1461

5032003

stainless steel material 1.4301/304



Cantilever 410

as a support structure for
C-grid cable trays
of sizes 400 mm or 2× 200 mm, or
200 and 100 mm in combination,
for mounting on walls and
steel structures

5031004

hot-dip galvanized according to
DIN EN ISO 1461

5032004

stainless steel material 1.4301/304



Cantilever 115

as a support structure for
C-grid cable trays
of size 50 and 100 mm,
for mounting on
H- and T-shaped stanchions,
continuous height adjustment

*** discontinued model ***

5031005

hot-dip galvanized according to
DIN EN ISO 1461



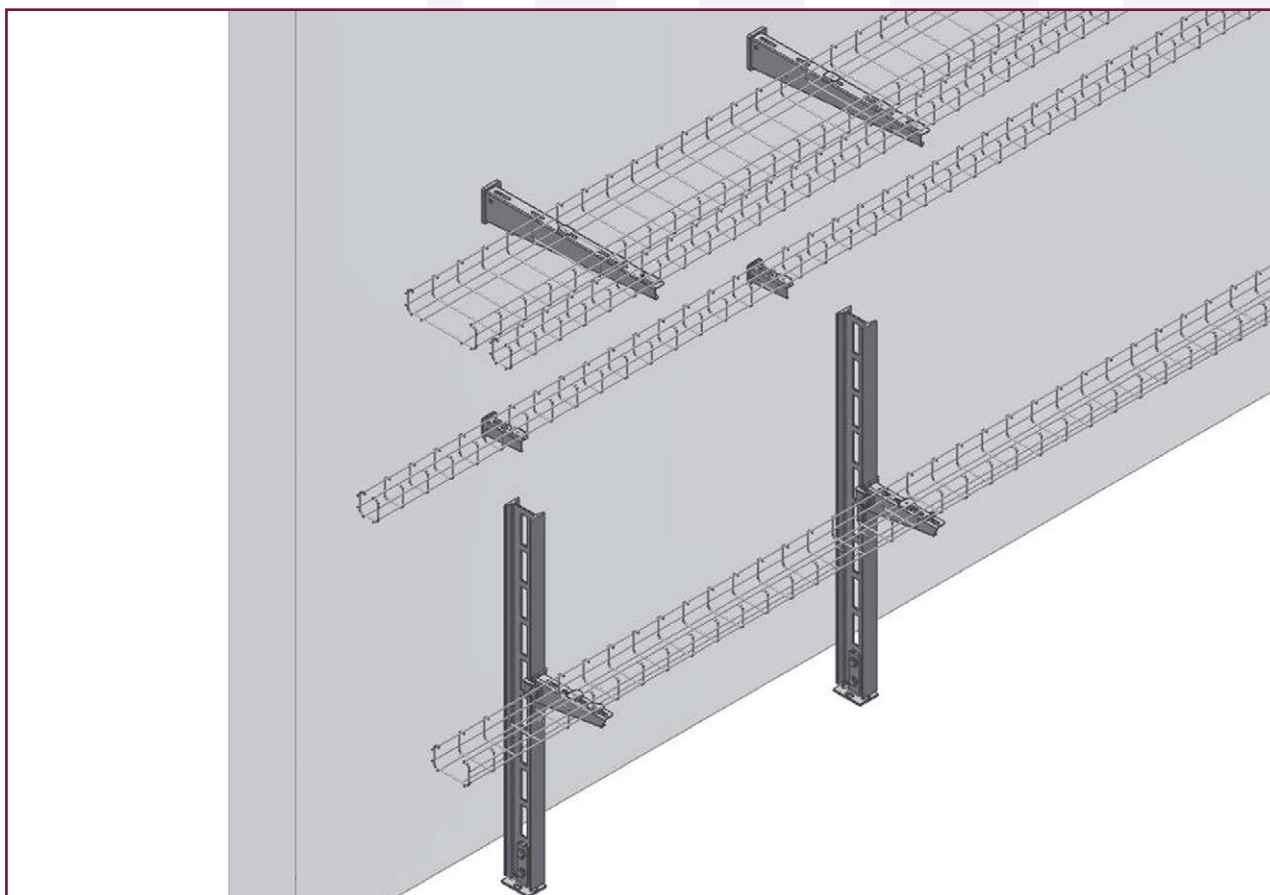
Cantilever 215

as a support structure for
C-grid cable trays
of size 100 and 200 mm, or
100 and 50 mm in combination,
for mounting on
H- and T- shaped stanchions,
continuous height adjustment

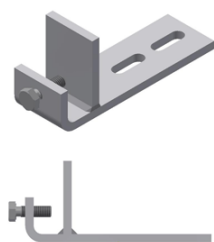
*** discontinued model ***

5031006

hot-dip galvanized according to
DIN EN ISO 1461



Fixing clamps



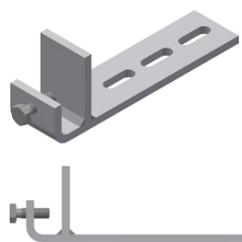
Fixing clamp, shape F
opening width 21 mm,
dimension 132×40×58 mm,
with 2 slotted holes 26×9 mm,
for mounting C-grid cable trays
to flange beams,
completely assembled
with hexagon screw M8×25

5041001

hot-dip galvanized according to
DIN EN ISO 1461

5042001

stainless steel material 1.4301/304



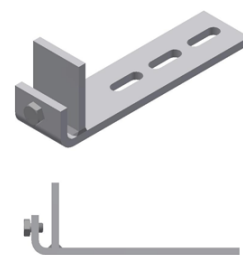
Fixing clamp, shape F
opening width 21 mm,
dimension 166×40×58 mm,
with 3 slotted holes 26×9 mm,
for mounting C-grid cable trays
to flange beams,
completely assembled
with hexagon screw M8×25

5041002

hot-dip galvanized according to
DIN EN ISO 1461

5042002

stainless steel material 1.4301/304



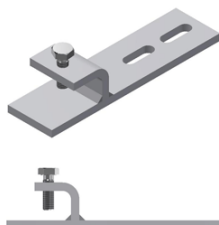
Fixing clamp, shape F
opening width 11 mm,
dimension 166×40×58 mm,
with 3 slotted holes 26×9 mm,
for mounting C-grid cable trays
to flange beams,
completely assembled
with hexagon screw M8×16

5041003

hot-dip galvanized according to
DIN EN ISO 1461

5042003

stainless steel material 1.4301/304



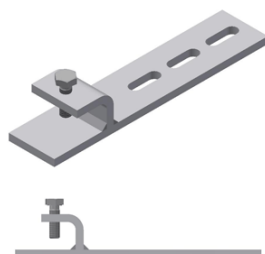
Fixing clamp, form h
opening width 21 mm,
dimension 153×40×33 mm,
with 2 slotted holes 26×9 mm,
for mounting C-grid cable trays
to flange beams,
completely assembled
with hexagon screw M8×25

5041004

hot-dip galvanized according to
DIN EN ISO 1461

5042004

stainless steel material 1.4301/304



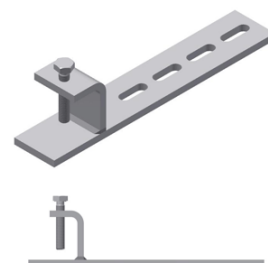
Fixing clamp, form h
opening width 21 mm,
dimension 187×40×33 mm,
with 3 slotted holes 26×9 mm,
for mounting C-grid cable trays
to flange beams,
completely assembled
with hexagon screw M8×25

5041005

hot-dip galvanized according to
DIN EN ISO 1461

5042005

stainless steel material 1.4301/304



Fixing clamp, form h
opening width 40 mm,
dimension 221×40×52 mm,
with 4 slotted holes 26×9 mm,
for mounting C-grid cable trays
to flange beams,
completely assembled
with hexagon screw M8×40

5041006

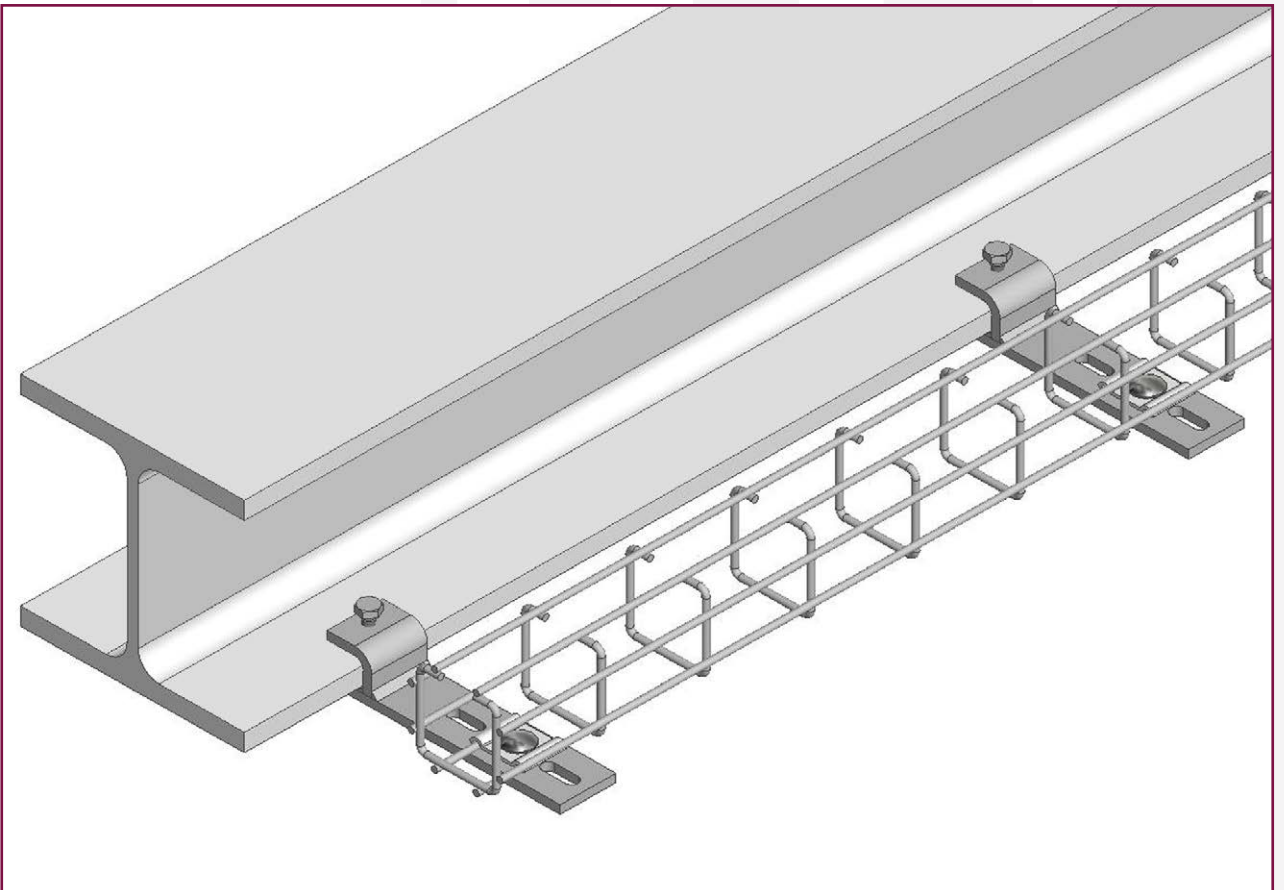
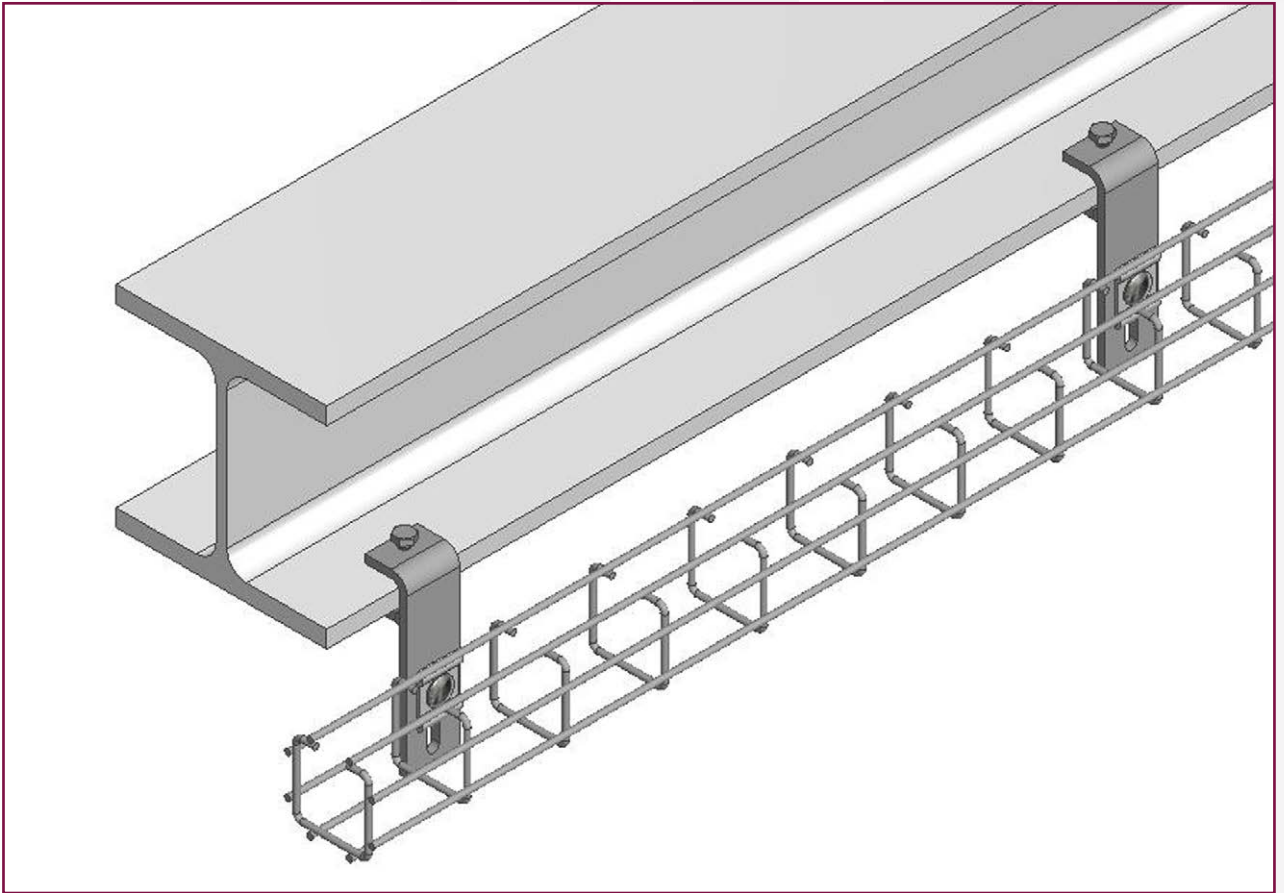
hot-dip galvanized according to
DIN EN ISO 1461

5042006

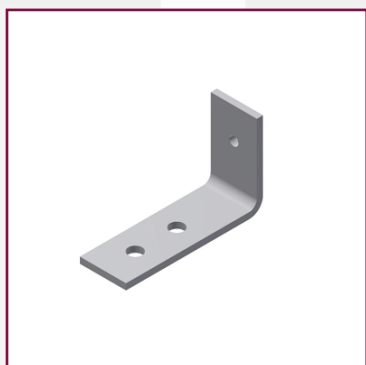
stainless steel material 1.4301/304

Note: Special sizes can be made on request.

Fixing clamps



Fixing brackets



Fixing bracket no. 594

mounting element for universal use,
dimension 89×30×54 mm,
thickness 4 mm,
with 2 holes Ø 9 mm
and 1 hole Ø 6 mm

5051001

hot-dip galvanized according to
DIN EN ISO 1461

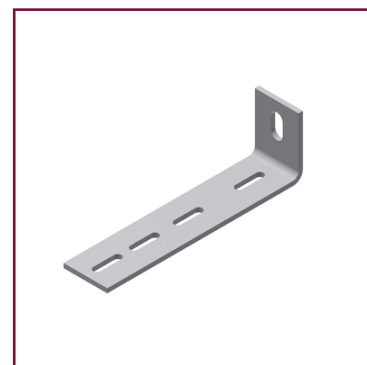


Fixing bracket no. 590, size 8

mounting element for universal use,
dimension 119×30×108 mm,
thickness 4 mm
with 3 holes 2× 6 mm,
1× Ø 7 mm and 2 holes Ø 9 mm

5051002

hot-dip galvanized according to
DIN EN ISO 1461



Fixing bracket no. 901

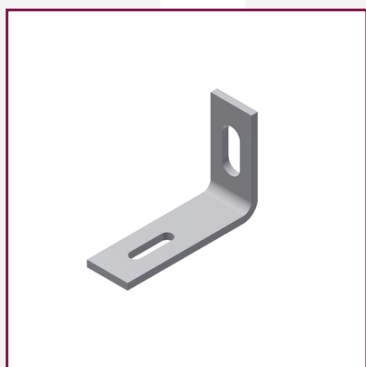
mounting element for magnetic
valves, transmitters and
junction boxes, dimension
179×40×55 mm, thickness 4 mm
with 4 slotted holes 6.6×26 mm
and 1 slotted hole 11×22 mm

5051003

hot-dip galvanized according to
DIN EN ISO 1461

5052003

stainless steel material 1.4301/304



Fixing bracket no. 903, size 1

mounting element for universal use,
dimension 80×25×55 mm,
thickness 4 mm,
with 1 slotted hole 6.6×26 mm
and 1 slotted hole 11×26 mm

5051004

hot-dip galvanized according to
DIN EN ISO 1461



Fixing bracket no. 904, size 2

mounting element for universal use,
dimension 150×25×55 mm,
thickness 4 mm,
with 3 slotted holes 6.6×26 mm
and 1 slotted hole 11×25 mm

5051005

hot-dip galvanized according to
DIN EN ISO 1461



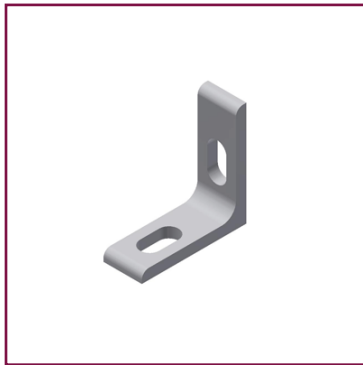
Fixing bracket no. 910, size 8

mounting element for universal use,
dimension 215×25×55 mm,
thickness 4 mm,
with 5 slotted holes 6.6×26 mm
and 1 slotted hole 11×26 mm

5051006

hot-dip galvanized according to
DIN EN ISO 1461

Fixing brackets



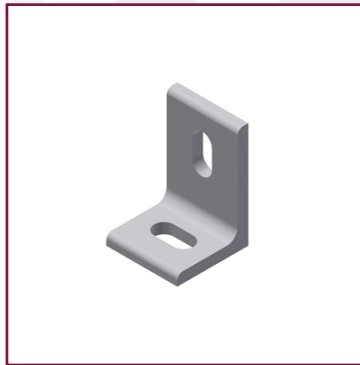
Fixing bracket no. 002, size 2
mounting element
for steel channel 40×20 mm,
dimension 60×22×60 mm,
thickness 6 mm,
with 2 slotted holes 11×22 mm

5051007

hot-dip galvanized according to
DIN EN ISO 1461

5052007

stainless steel material 1.4301/304



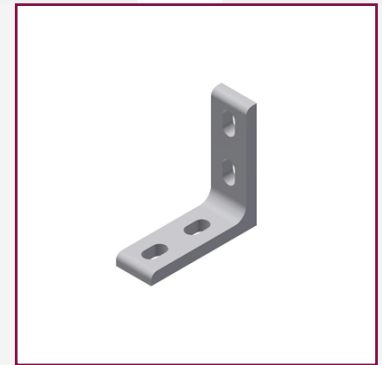
Fixing bracket no. 905, size 4
mounting element
for steel channel 40×20 mm,
dimension 60×40×40 mm,
thickness 6 mm,
with 2 slotted holes 11×22 mm

5051008

hot-dip galvanized according to
DIN EN ISO 1461

5052008

stainless steel material 1.4301/304



Fixing bracket no. 998, size 40
mounting element
for steel channel 65 mm,
dimension 120×40×120 mm,
thickness 13 mm,
with 4 slotted holes 14×25 mm

5051009

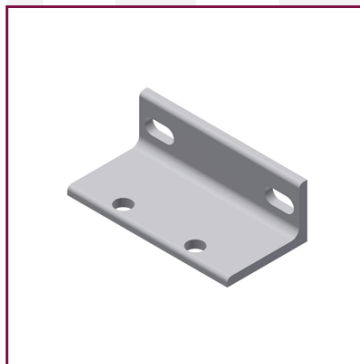
hot-dip galvanized according to
DIN EN ISO 1461



Fixing bracket no. 999, size 65
mounting element
for steel channel 65 mm,
dimension 120×65×120 mm,
thickness 13 mm,
with 4 slotted holes 14×25 mm

5051010

hot-dip galvanized according to
DIN EN ISO 1461



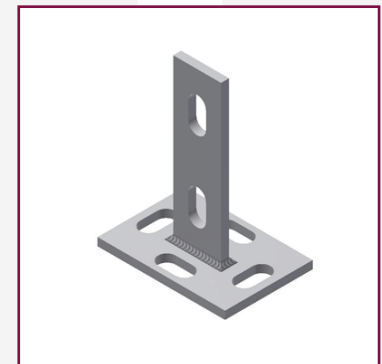
Fixing bracket no. 902
mounting element for transducer,
dimension 120×60×40 mm,
thickness 6 mm,
with 2 slotted holes 11×22 mm
and 2 holes Ø 12 mm

5051011

hot-dip galvanized according to
DIN EN ISO 1461

5052011

stainless steel material 1.4301/304

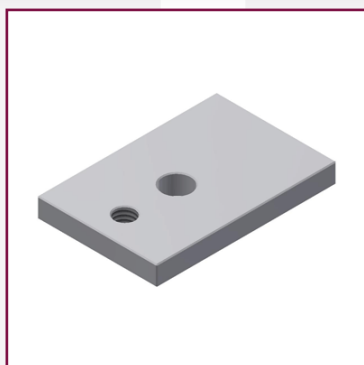


Base plate
mounting element for H-,
T-stanchions and steel channel,
made of flat steel
100×30×5 mm and 80×5 mm

5051012

hot-dip galvanized according to
DIN EN ISO 1461

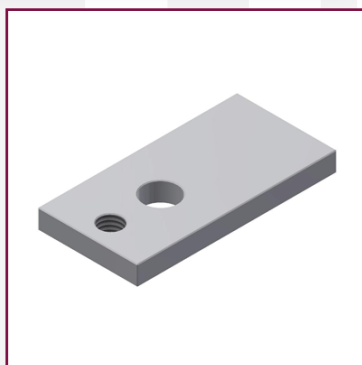
Flat steel claws



Flat steel claw size 1
dimension 45×30×5 mm
with 1 hole Ø 7 mm,
1 thread M6

5061001

hot-dip galvanized according to
DIN EN ISO 1461



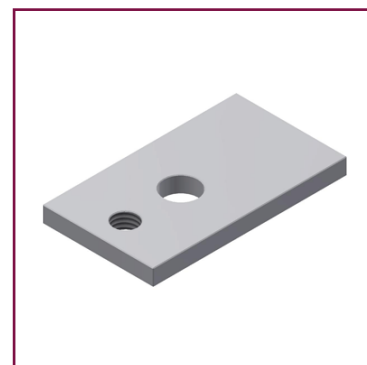
Flat steel claw size 2
dimension 60×30×6 mm
with 1 hole Ø 10 mm,
1 thread M8

5061002

hot-dip galvanized according to
DIN EN ISO 1461

5062002

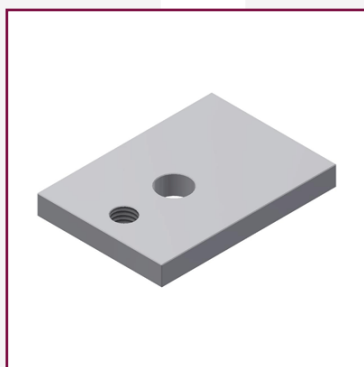
stainless steel material 1.4301/304



Flat steel claw size 3
dimension 70×40×6 mm
with 1 hole Ø 12 mm,
1 thread M10

5062003

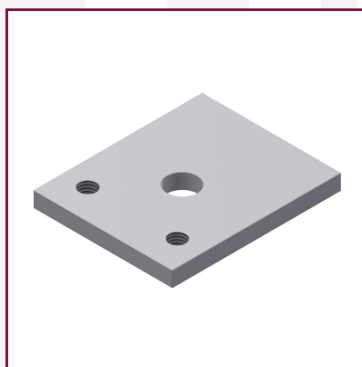
stainless steel material 1.4301/304



Flat steel claw size 3
dimension 70×50×8 mm
with 1 hole Ø 12 mm,
1 thread M10

5061004

hot-dip galvanized according to
DIN EN ISO 1461



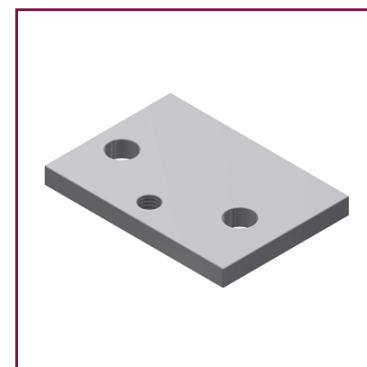
Flat steel claw size 4
dimension 85×70×8 mm
with 1 hole Ø 15 mm,
2 threads M10

5061005

hot-dip galvanized according to
DIN EN ISO 1461

5062005

stainless steel material 1.4301/304

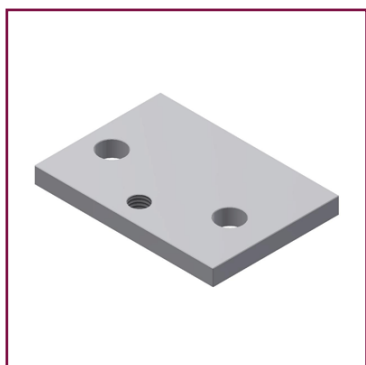


Flat steel claw size 5
dimension 80×60×8 mm
with 2 holes Ø 12 mm and
hole distance 56 mm,
1 thread M10

5061006

hot-dip galvanized according to
DIN EN ISO 1461

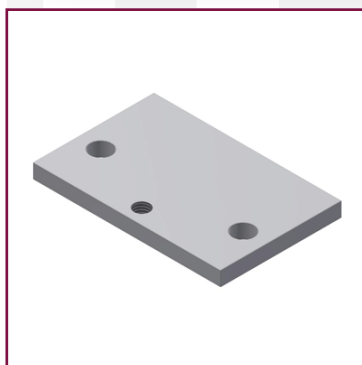
Flat steel claws



Flat steel claw size 6
dimension 106×80×10 mm
with 2 holes Ø 14 mm and
hole distance 76 mm,
1 thread M12

5061007

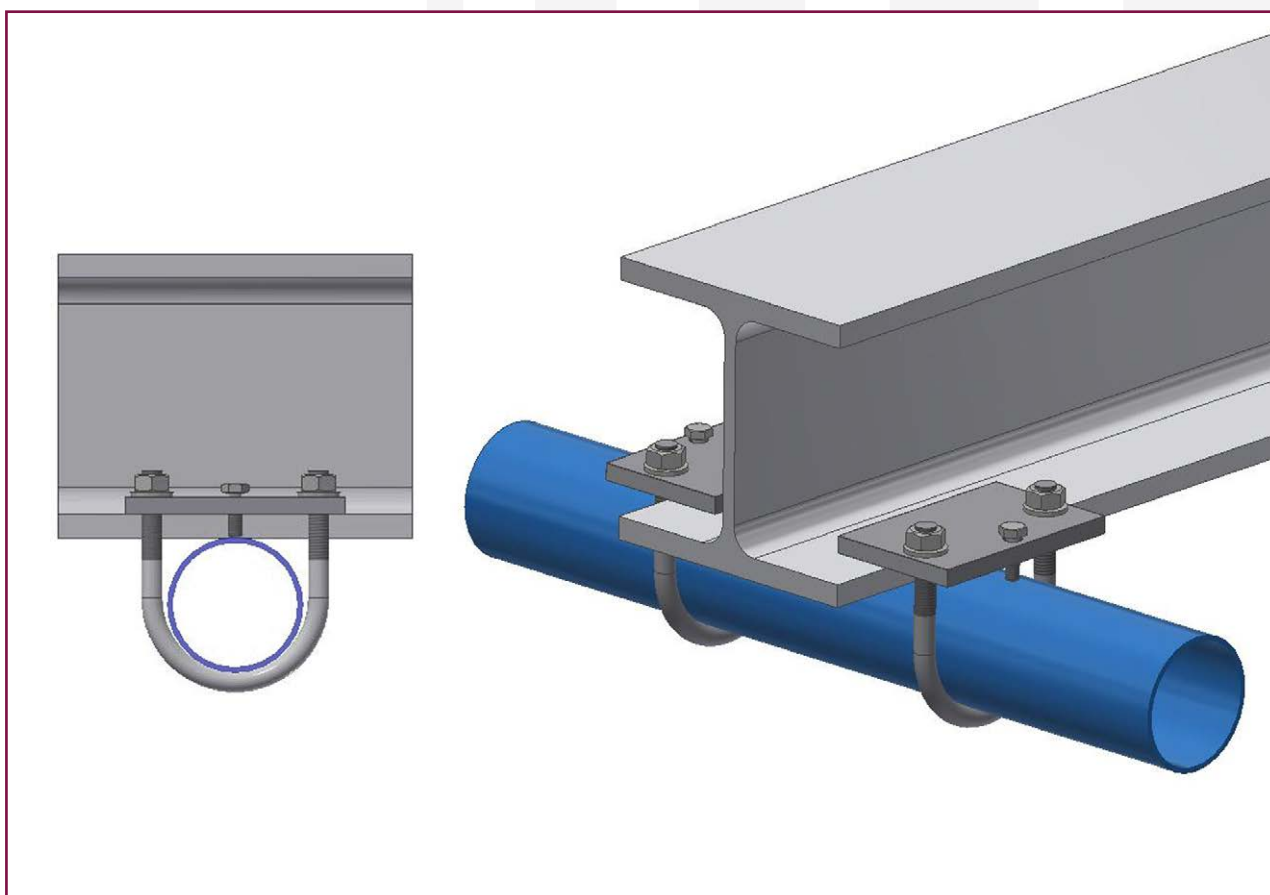
hot-dip galvanized according to
DIN EN ISO 1461



Flat steel claw size 7
dimension 124×80×10 mm
with 2 holes Ø 14 mm and
hole distance 104 mm,
1 thread M12

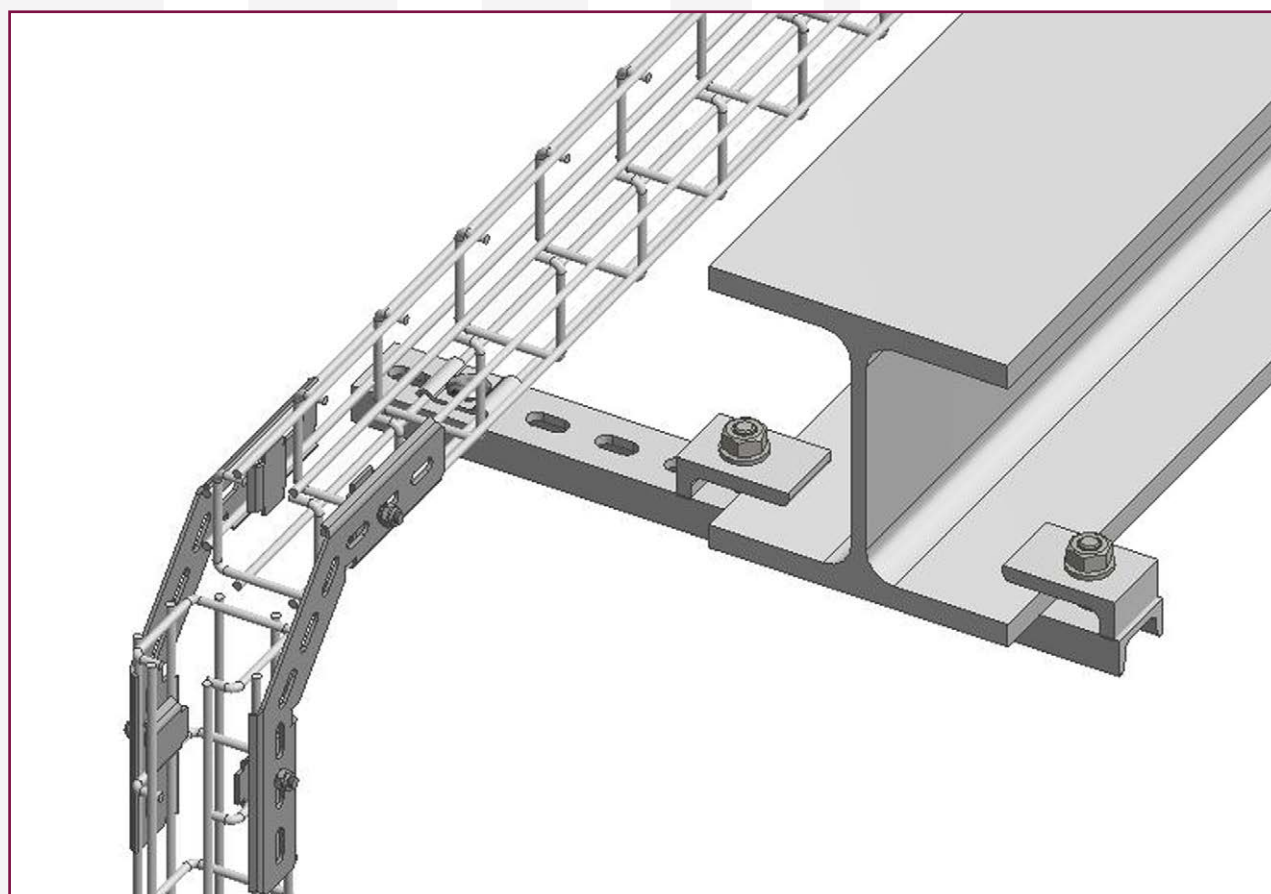
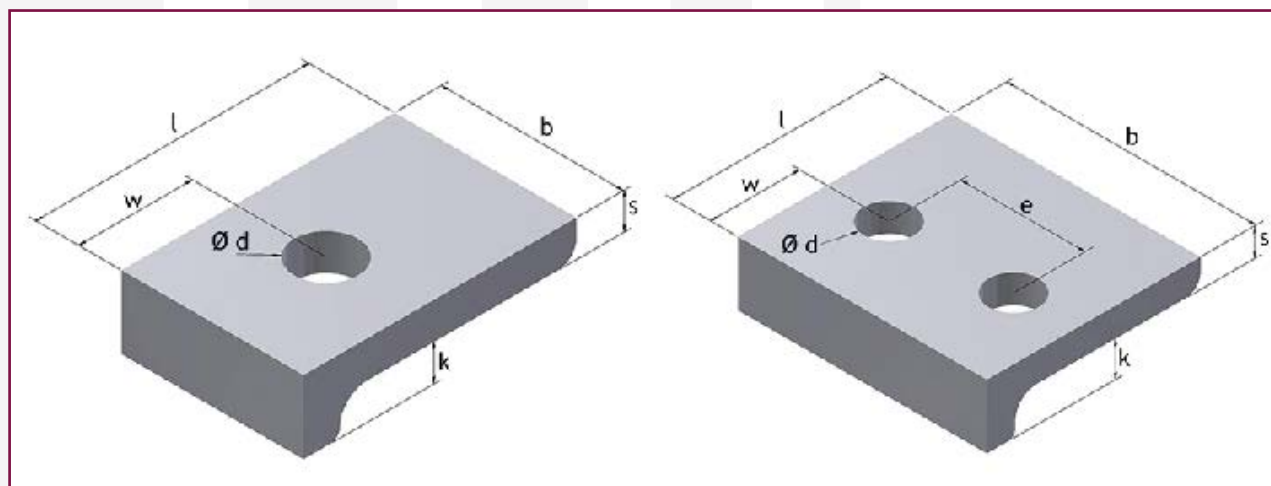
5061008

hot-dip galvanized according to
DIN EN ISO 1461



Beam clamps

Beam clamps are available in different variations, which you can consult in the tabular listing. All beam clamps are hot-dip galvanised according to DIN EN ISO 1461 but can also be made of stainless steel.



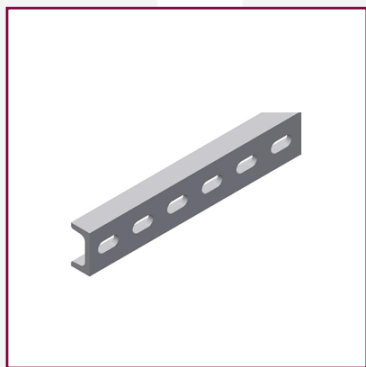
Beam clamps

article number	l × b	s	number of holes	Ø d	e	w	k
5071001	60×40	8	1	14		25	8
5071002	60×40	8	1	14		25	10
5071003	60×40	8	1	14		25	11
5071004	60×40	8	1	14		25	12
5071005	60×40	8	1	14		25	14
5071006	60×40	8	1	14		25	20
5071007	60×40	8	1	14		25	25
5071008	60×40	8	1	14		25	30
5071009	60×50	8	1	18		25	10
5071010	60×50	8	1	18		25	11
5071011	60×50	8	1	18		25	12
5071012	60×50	8	1	18		25	14
5071013	60×50	8	1	18		25	20
5071014	60×50	8	1	18		25	25
5071015	60×50	8	1	18		25	30
5071016	60×50	8	1	18		25	35
5071017	60×70	8	2	14	35	25	10
5071018	60×70	8	2	14	35	25	11
5071019	60×70	8	2	14	35	25	12
5071020	60×70	8	2	14	35	25	14
5071021	60×70	8	2	14	35	25	20
5071022	60×70	8	2	14	35	25	25
5071023	60×70	8	2	14	35	25	30
5071024	60×90	8	2	18	50	25	10
5071025	60×90	8	2	18	50	25	11
5071026	60×90	8	2	18	50	25	12
5071027	60×90	8	2	18	50	25	14
5071028	60×90	8	2	18	50	25	20
5071029	60×90	8	2	18	50	25	25
5071030	60×90	8	2	18	50	25	30
5071031	60×90	8	2	18	50	25	35
5071032	60×200	8	2	18	150	25	10
5071033	60×200	8	2	18	150	25	11
5071034	60×200	8	2	18	150	25	12
5071035	60×200	8	2	18	150	25	14
5071036	70×140	9	2	18	90	25	10
5071037	70×140	9	2	18	90	25	11
5071038	70×140	9	2	18	90	25	12
5071039	70×140	9	2	18	90	25	14
dimension in millimeters							

Steel channel

Mounting elements made of steel channel as a support and auxiliary construction are characterised by their high stability, so that even objects with heavy loads can be fastened.

mounting elements made of steel channel, size 40×20 mm with slotted holes			
article number	length [mm]	number of holes	weight [kg]
5081001	116	3	0.318
5081002	153	4	0.420
5081003	190	5	0.520
5081004	227	6	0.610
5081005	264	7	0.720
5081006	301	8	0.830
5081007	338	9	0.900
5081008	375	10	1.060
5081009	412	11	1.100
5081010	449	12	1.230
5081011	486	13	1.300
5081012	523	14	1.440
5081013	560	15	1.500
5081014	597	16	1.610
5081015	706	19	1.930
5081016	745	20	2.040
5081017	856	23	2.310
mounting elements made of steel channel are hot-dip galvanised according to			



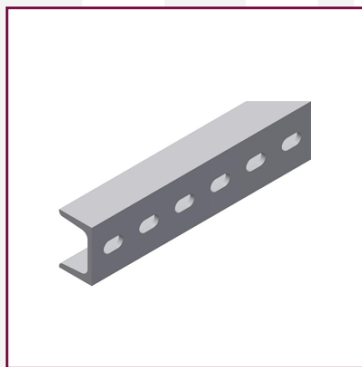
Steel channel 40×20 mm
length 3 000 mm, with a total
of 81 slotted holes 11×22 mm

5081018

hot-dip galvanized according to
DIN EN ISO 1461

5082018

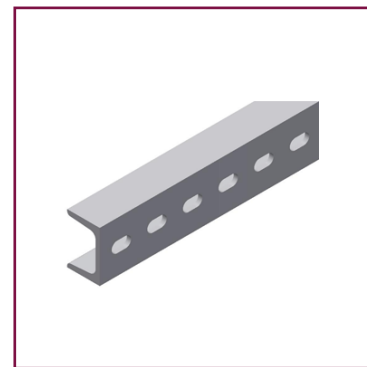
stainless steel material 1.4301/304



Steel channel 65×42 mm
length 3 000 mm, with a total
of 65 slotted holes 14×25 mm

5081019

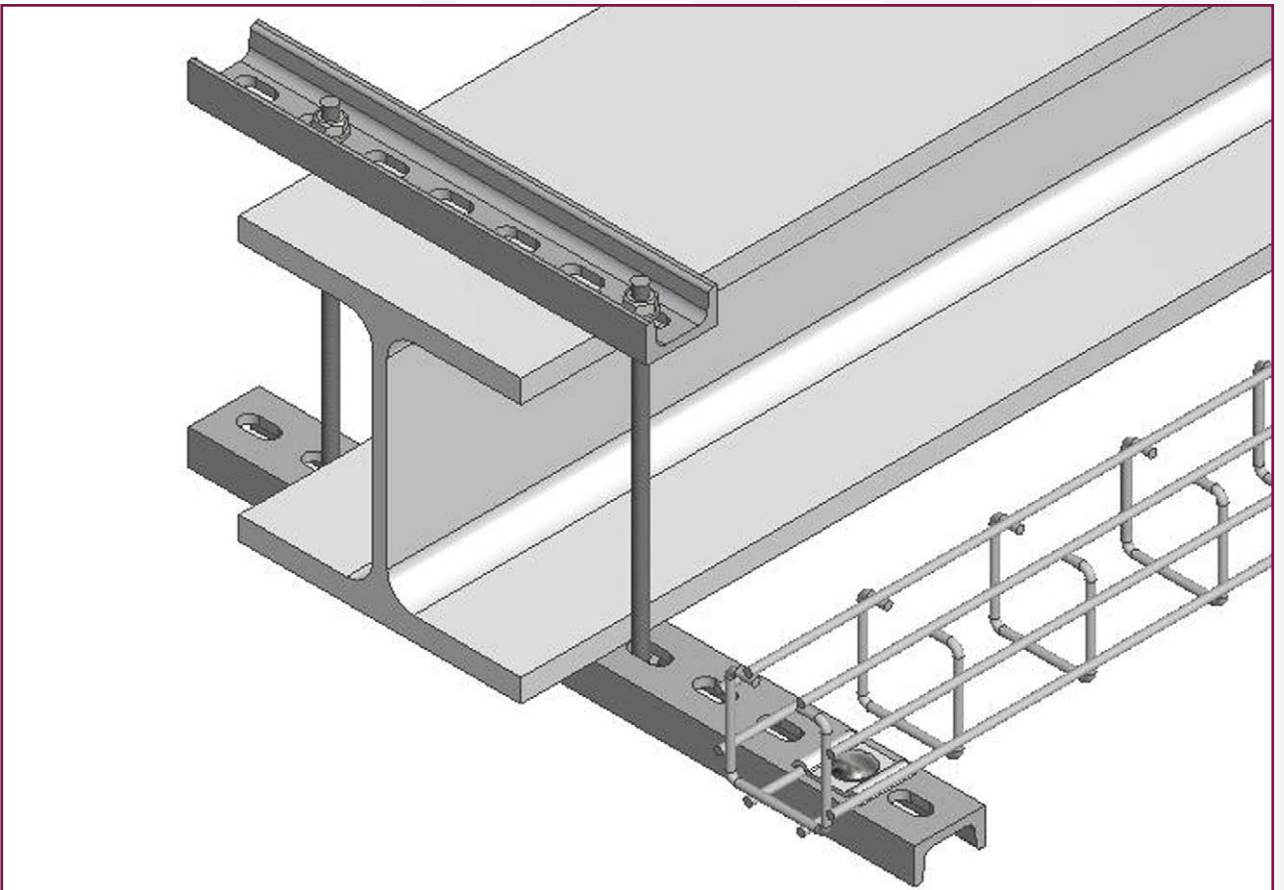
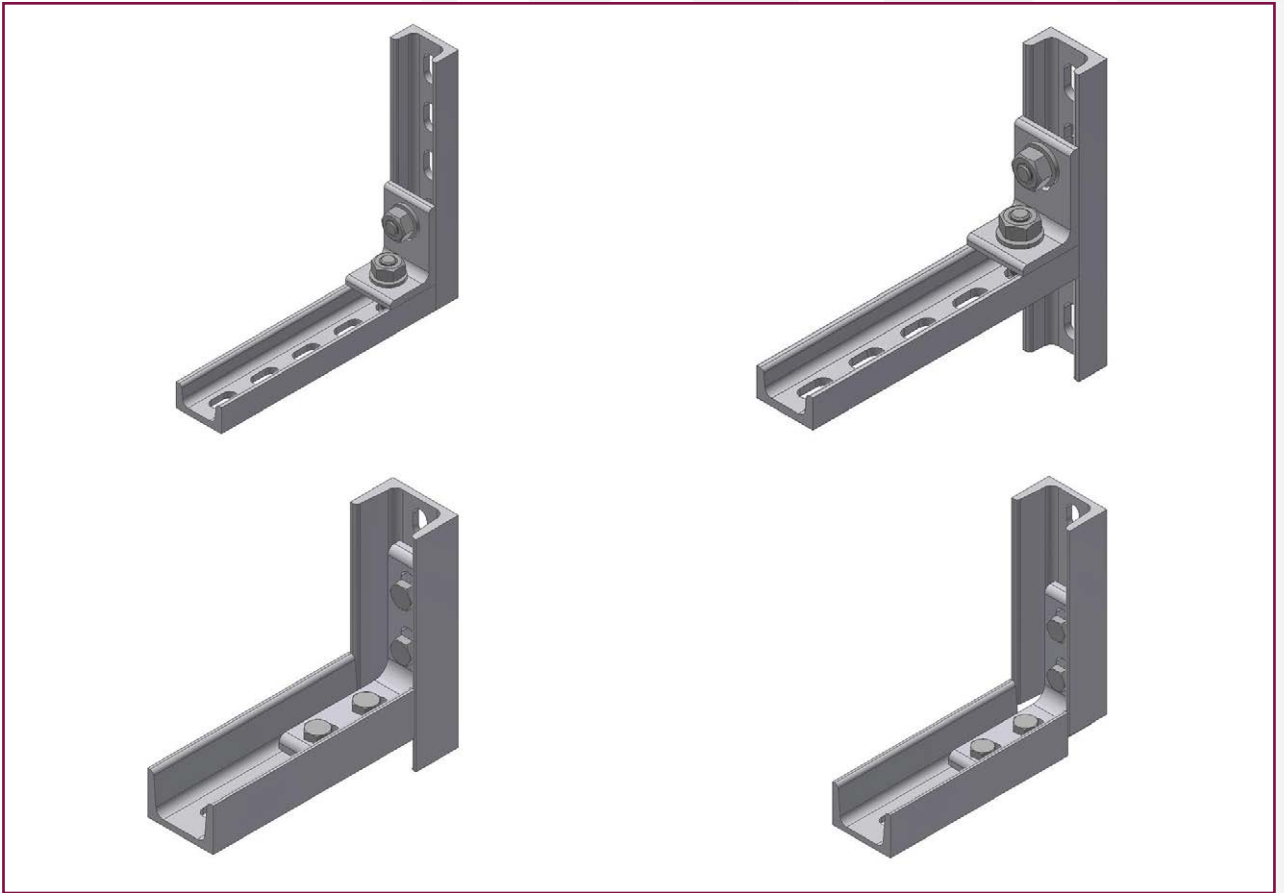
hot-dip galvanized according to
DIN EN ISO 1461



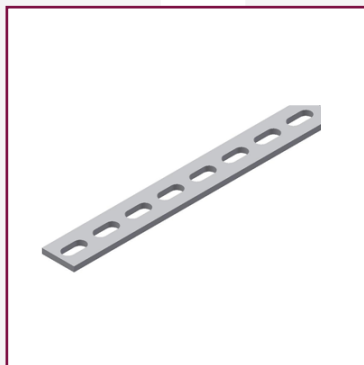
Steel channel 65×42 mm
length 5 000-6 000 mm with
slotted holes 14×25 mm

5082020

stainless steel material 1.4301/304

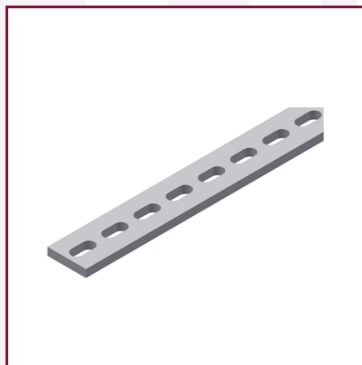


Flat steel



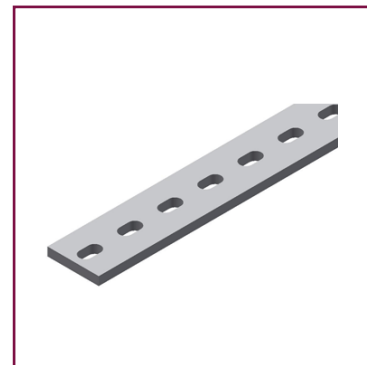
Flat steel 25×4 mm

length 2 000 mm as support
and auxiliary construction
with 79 slotted holes 6.5×18 mm



Flat steel 30×6 mm

length 2 000 mm as support
and auxiliary construction
with 79 slotted holes 8.5×18 mm



Flat steel 60×10 mm

length 3 000 mm as support
and auxiliary construction
with 61 slotted holes 14×25 mm

5091001

hot-dip galvanized according to
DIN EN ISO 1461

5091002

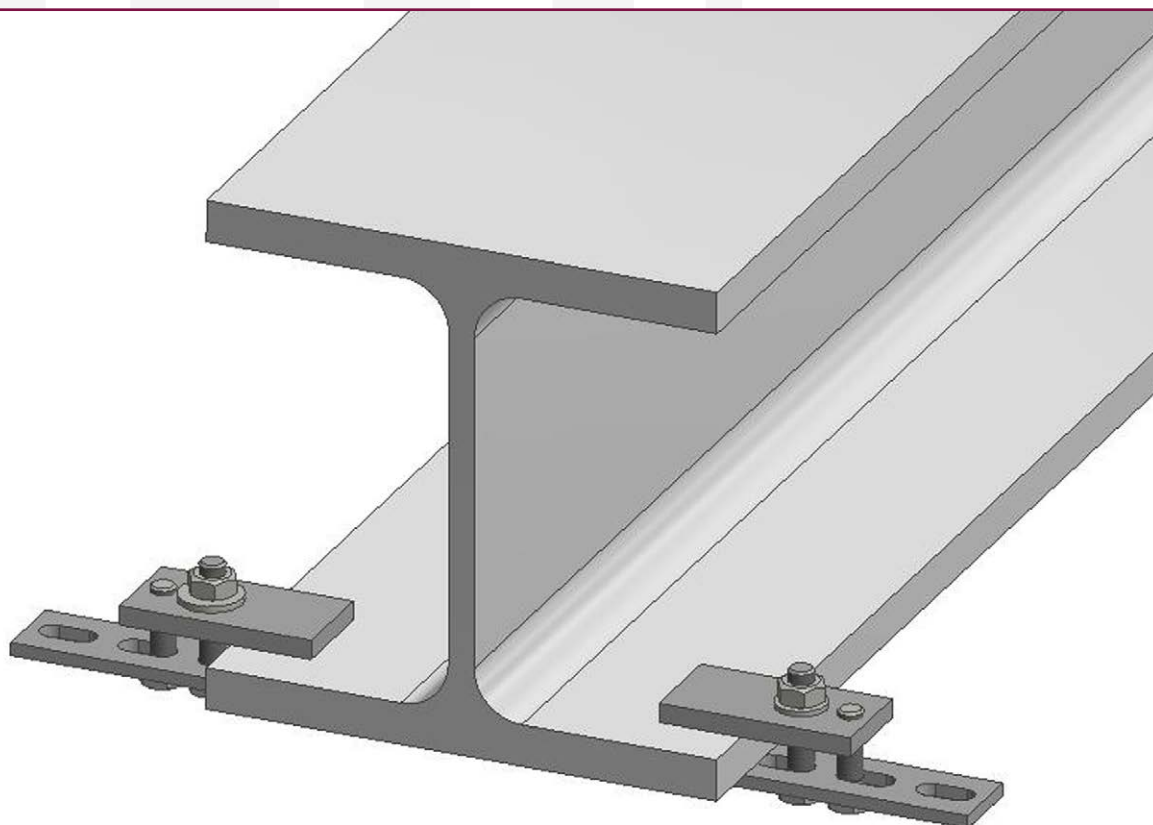
hot-dip galvanized according to
DIN EN ISO 1461

5092002

stainless steel material 1.4301/304

5091003

hot-dip galvanized according to
DIN EN ISO 1461



H- and T- shaped stanchions

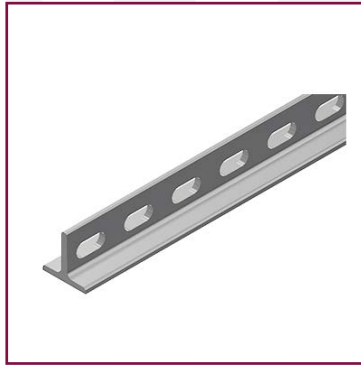


H- shaped stanchion

mounting material for cable beds
I-profile 80, length 6 000 mm,
with slotted holes 24×75 mm,
can be used as wall, middle and
hanging support

5101001

hot-dip galvanized according to
DIN EN ISO 1461

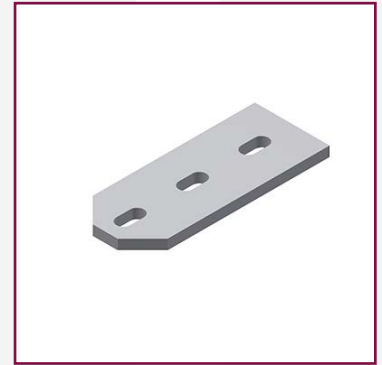


T- shaped stanchion

mounting material for cable beds,
T-profile 45, 6 000 mm long,
with slotted holes 14×30 mm,
can be used as wall and hanging
support

5101002

hot-dip galvanized according to
DIN EN ISO 1461



Joint piece for H- shaped stanchion

BT sheet metal,
dimension 150×60×8 mm

5101003

hot-dip galvanized according to
DIN EN ISO 1461



Joint piece for T- shaped stanchion

made of flat steel,
dimension 130×30×6 mm

5101004

hot-dip galvanized according to
DIN EN ISO 1461



Bevel for H- shaped stanchion

made of flat steel 60×8 mm,
leg length 100×100 mm,
inclination 45°

5101005

hot-dip galvanized according to
DIN EN ISO 1461



Bevel for T- shaped stanchion

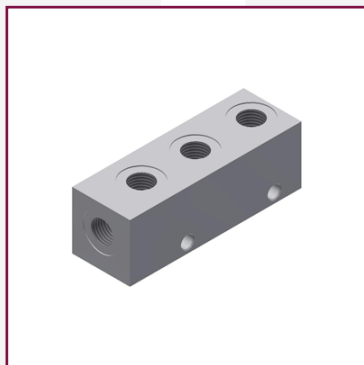
made of flat steel 30×6 mm,
leg length 100×100 mm,
inclination 45°

5101006

hot-dip galvanized according to
DIN EN ISO 1461

Air distributor

Air distributors in different variations are also an optimal addition to the range, as they make it very easy to distribute air to several consumers.



Air distributor

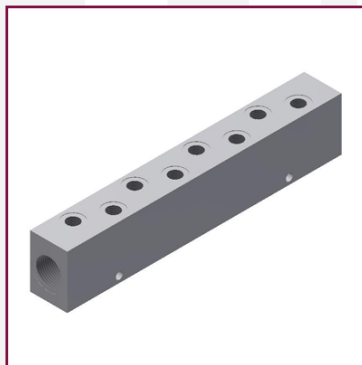
with 3 outputs,
1 input internal thread G 1/4",
3 outputs internal thread G 1/4"

5113001

aluminium (Al Mg Si 1, ISO 6082)
material 3.2315

5112001

stainless steel material 1.4301/304



Air distributor

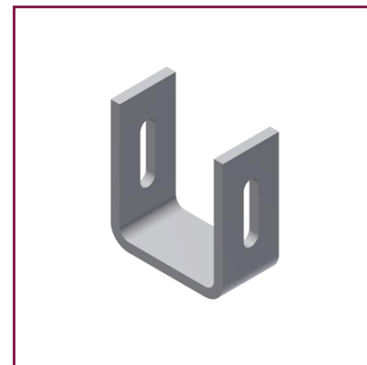
with 8 outputs,
1 input internal thread G 3/4",
8 outputs internal thread G 1/4"

5113002

aluminium (Al Mg Si 1, ISO 6082)
material 3.2315

5112002

stainless steel material 1.4301/304



**Mounting element for
air distributor**

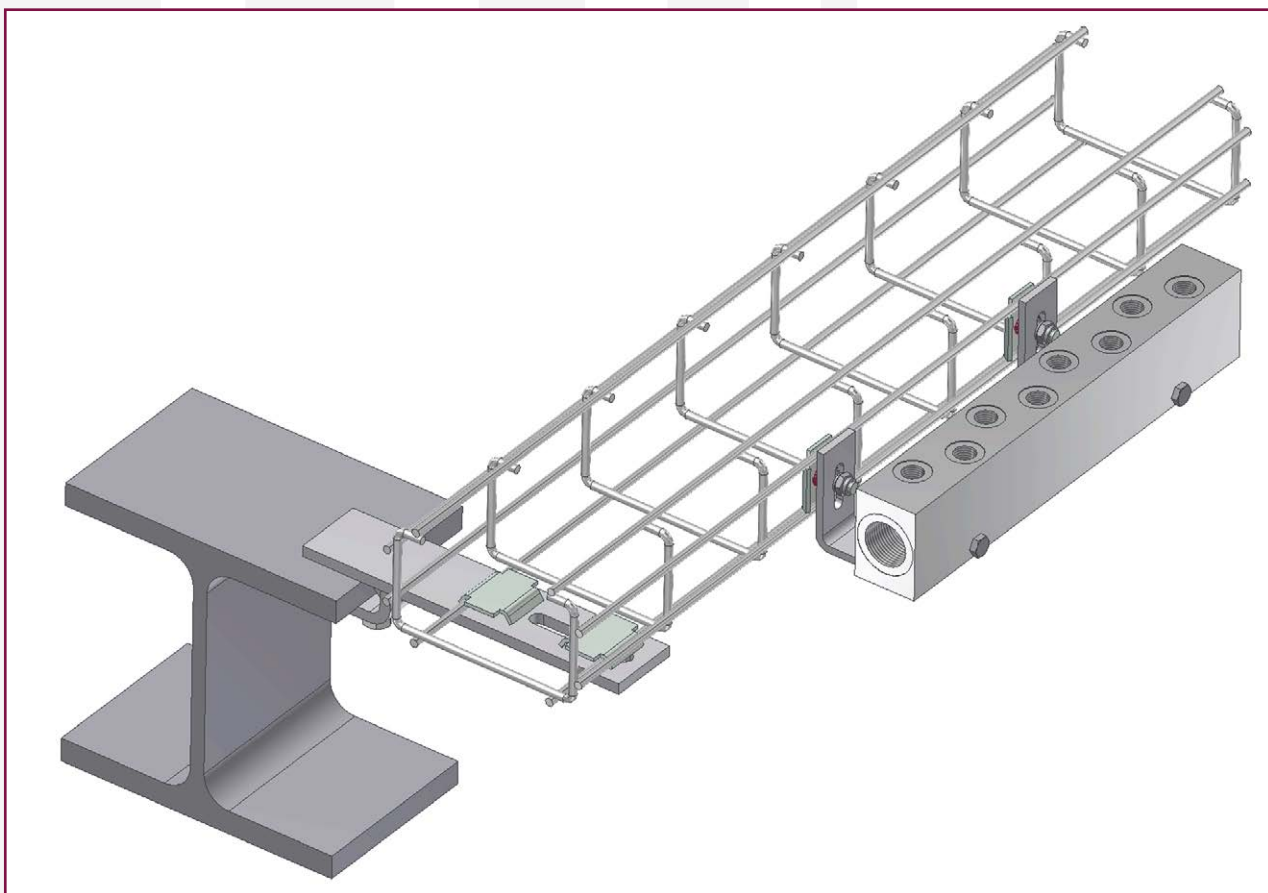
U-shaped element with 55 mm
length, material width 25 mm,
thickness 4 mm,
with 2 slotted holes 26x6.5 mm

5111003

hot-dip galvanized according to
DIN EN ISO 1461

5112003

stainless steel material 1.4301/304



PVC mounting plates

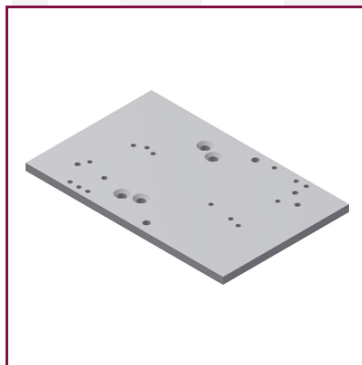


PVC mounting plate

dimension 250×165×10 mm, for mounting different command and signalling device systems

5124001

PVC according to DIN 16927 part 1, RAL 7011 dark grey

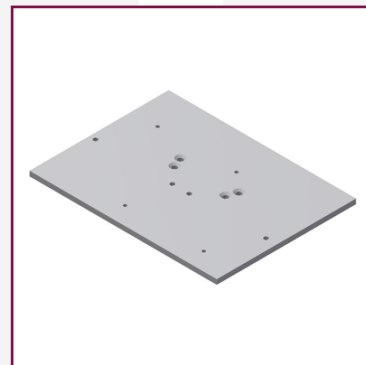


PVC mounting plate

dimension 290×185×10 mm, for mounting different command and signalling device systems

5124002

PVC according to DIN 16927 part 1, RAL 7011 dark grey

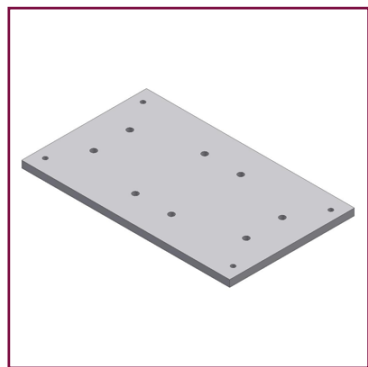


PVC mounting plate

dimension 390×290×10 mm, for mounting different command and signalling device systems

5124003

PVC according to DIN 16927 part 1, RAL 7011 dark grey

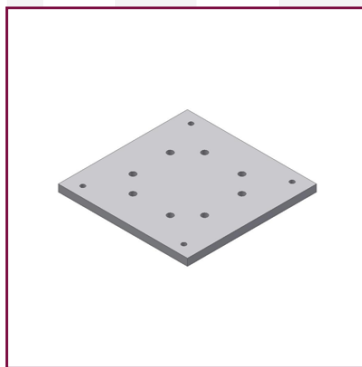


PVC mounting plate

dimension 300×180×10 mm, e.g. for mounting junction boxes and industrial switches

5124004

PVC according to DIN 16927 part 1, RAL 7011 dark grey

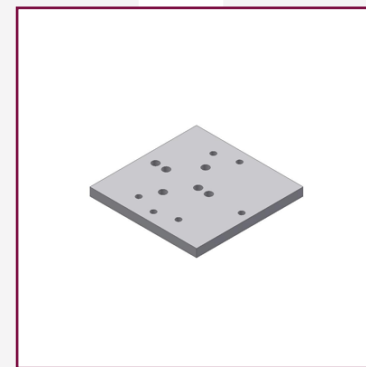


PVC mounting plate

dimension 180×180×10 mm, e.g. for mounting junction boxes and industrial switches

5124005

PVC according to DIN 16927 part 1, RAL 7011 dark grey



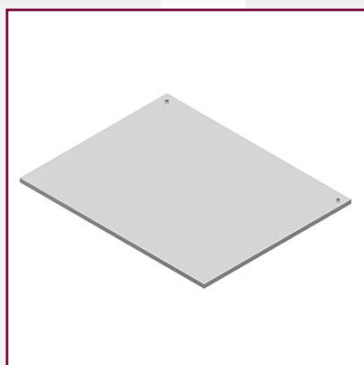
PVC mounting plate

dimension 130×130×10 mm, e.g. for mounting junction boxes and industrial switches

5124006

PVC according to DIN 16927 part 1, RAL 7011 dark grey

PVC mounting plates

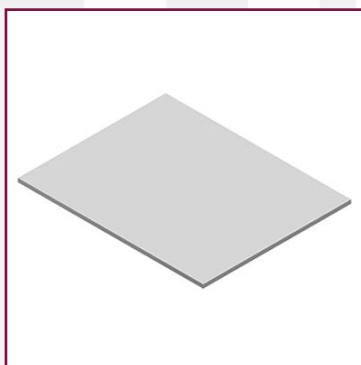


PVC mounting plate

dimension 495×395×10 mm,
with 2 drills Ø 8 mm,
e.g. for mounting junction boxes
and industrial switches

5124007

PVC according to DIN 16927 part 1, RAL
7011 dark grey

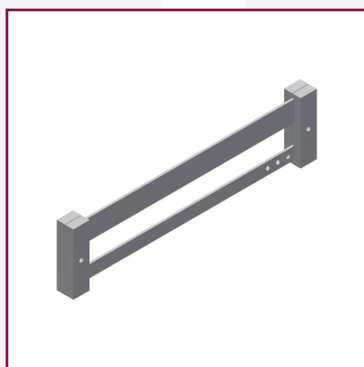
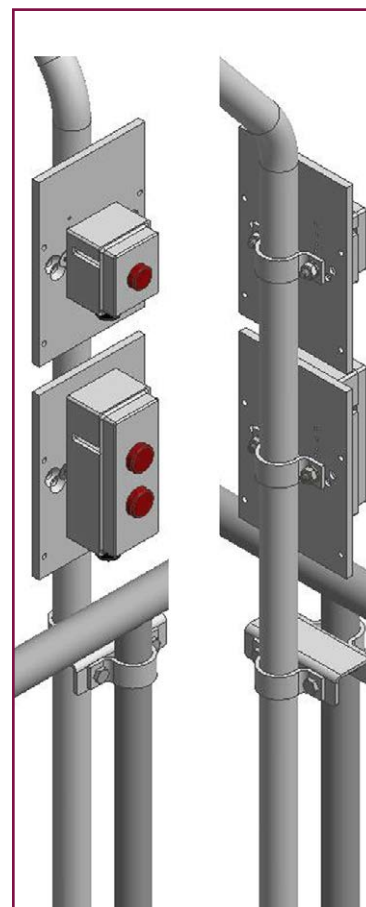


PVC mounting plate

dimension 495×395×10 mm,
without drills,
for free design of the
drilling pattern

5124008

PVC according to DIN 16927 part 1, RAL
7011 dark grey

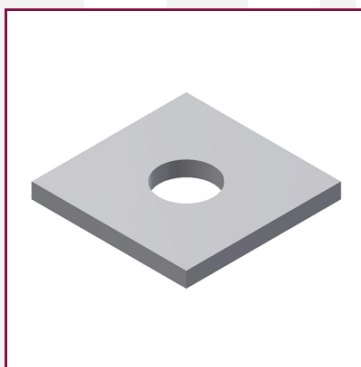


Equipotential bonding rail

(grounding junction point),
consisting of copper rail 30×5 mm,
material E-Cu F 30 with 3 holes
Ø 11 mm for grounding cable,
laminated paper cutting
50×5×600 mm, Hp 2061, class II

5999002

PVC with Cu and laminated paper rail,
RAL 7011 dark grey

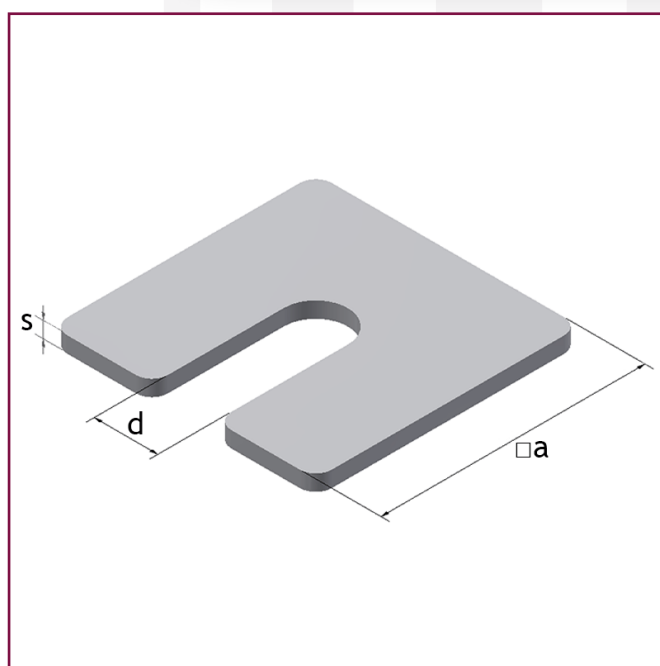


Spacer

for ground connection,
dimensions 40×40 mm,
thickness 4 mm
with 1 hole Ø 11 mm

5132021

stainless steel material 1.4301/304



Shim plates are excellent for levelling. They are stackable and can be used for levelling uneven floors or similar. In addition, the washers are resilient and pressure-resistant.

article number	a	d	s	UoS	material
5132001	43	12	1	50	stainless steel
5132002	68	16	1	50	stainless steel
5132003	83	20	1	50	stainless steel
5132004	118	30	1	50	stainless steel
5132005	43	12	2	50	stainless steel
5132006	68	16	2	50	stainless steel
5132007	83	20	2	50	stainless steel
5132008	118	30	2	50	stainless steel
5132009	43	12	3	50	stainless steel
5132010	68	16	3	50	stainless steel
5132011	83	20	3	50	stainless steel
5132012	118	30	3	50	stainless steel
5131013	43	12	5	50	electrogalvanised
5131014	68	16	5	50	electrogalvanised
5131015	83	20	5	50	electrogalvanised
5131016	118	30	5	50	electrogalvanised
5132017	43	12	5	50	stainless steel
5132018	68	16	5	50	stainless steel
5132019	83	20	5	50	stainless steel
5132020	118	30	5	50	stainless steel

Railing holder

Railing holders are used for mounting transmitter boxes or control cabinets. The railing holders are available in different sizes so that e.g. transmitter boxes or control cabinets of different sizes can be mounted. The holders are designed for **handrail** made of tube Ø 42.4 mm (DN32, 1 ¼") and for **knee** or **foot rail** made of tube Ø 26.9 mm (DN20, ¾"). The distance between handrail and knee rail is 500 mm, or between handrail and foot rail 750 mm.



Railing holder

for transmitter protection boxes, control cabinets etc., with 1 hole Ø 11 mm and 1 slotted hole 11×60 mm, hole distance 340 mm, flank height 535 mm

5141001

hot-dip galvanized according to DIN EN ISO 1461

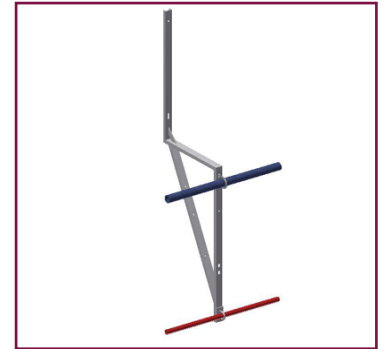


Railing holder

for transmitter protection boxes, control cabinets etc., with 1 hole Ø 11 mm and 1 slotted hole 11×34 mm, hole distance 450 mm, flank height 650 mm

5141002

hot-dip galvanized according to DIN EN ISO 1461



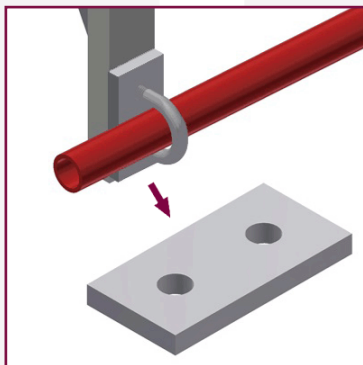
Railing holder

for transmitter protection boxes, control cabinets etc., with 1 hole Ø 11 mm and 1 slotted hole 11×34 mm, hole distance 540 mm, flank height 750 mm

5141003

hot-dip galvanized according to DIN EN ISO 1461

Note: Different sizes, as well as multiple slotted holes are available on request.



Compensation plate

for railing holders on the knee rail, dimension 80×40×8 mm, with 2 holes Ø 12 mm and hole distance 40 mm, (suitable for knee/foot rail DN20, ¾")

5141004

hot-dip galvanized according to DIN EN ISO 1461

Bill of material

Railing holder	different versions	2 pieces
Round steel bracket	5161003/5161004	2 pieces
Compensation plate	5141004 (only for DN20)	2 pieces
Round steel bracket	5161001/5161002	2 pieces
Hexagon nut M10	30267 EG	8 pieces
Washer A10,5	30018 EG	8 pieces

Note: Two railing brackets are required per switch cabinet/distribution box or similar.

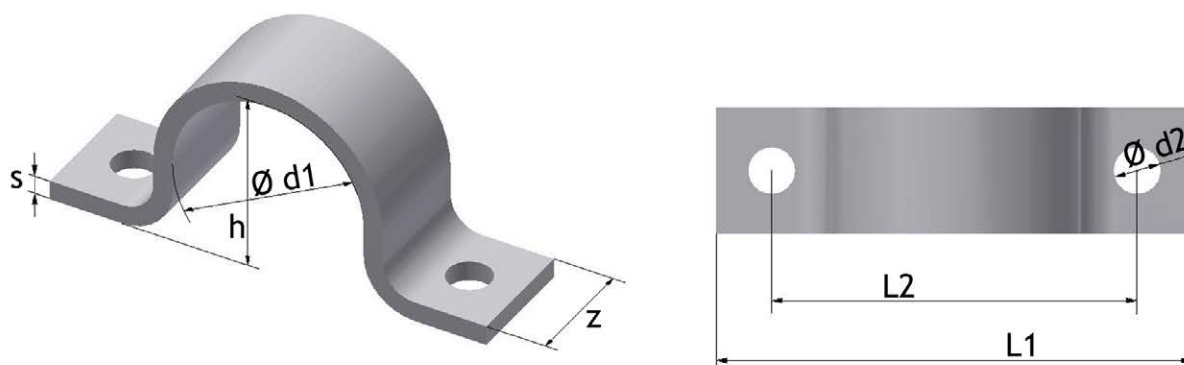
Note: The scope of delivery does not include mounting elements such as screws, washers or nuts. However, these can be ordered as well.
EG = electrogalvanised

Railing holder

Different sizes available
on customer request



Mounting clamps



article number	DN	h	Ø d1	Ø d2	s	L1	L2	z
5151001	32	39	43	12	5	109	81	30
5151002	40	45	50	12	5	113	86	30
5151003	50	58	61	14	6	137	112	40

dimension in millimeter, Pipe clamps are hot-dip galvanised according to DIN EN ISO 1461, also available in stainless steel.



Mounting clamp
for components on
square tube 40×40 mm,
width 30 mm



Connecting clamp DN65
Length 145 mm,
for outer pipe diameter 76.1 mm,
made of steel sheet 2.5 mm thick,
with 2 hexagon screws M8×25,
2 hexagon nuts M8,
2 galvanised spring washers



Connecting clamp DN32
Length 105 mm, for outer pipe
diameter 42 mm,
made of steel sheet 2.5 mm thick,
with 2 hexagon screws M8×25,
2 hexagon nuts M8,
2 spring washers Ø 8.1 mm

5151004

hot-dip galvanized according to
DIN EN ISO 1461

5152004

stainless steel material 1.4301/304

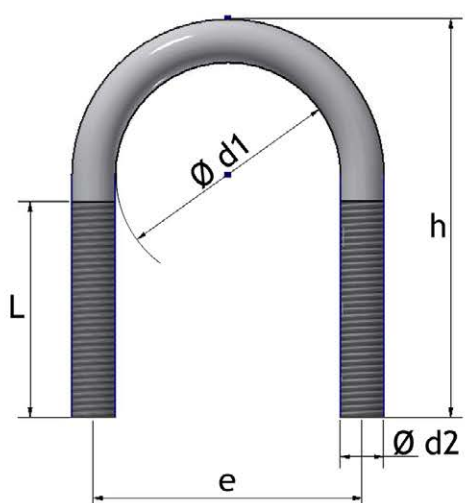
5151005

electrogalvanised according to
DIN EN ISO 4042

5151006

electrogalvanised according to
DIN EN ISO 4042

Round steel brackets



article number	DN	$\varnothing d1$	$\varnothing d2$	h	L	e
5161001	20	26,9	M10	70	40	40
5161002	25	33,7	M10	76	40	48
5161003	32	42,4	M10	86	50	56
5161004	40	48,3	M10	92	50	62
5161005	50	60,3	M12	108	50	76
5161006	65	76,1	M12	125	50	94
5161007	80	88,9	M12	135	50	106

Light stands

The robust solution for easy and safe mounting of all kinds of luminaires.

Another product range are the light stands, which are manufactured in different, very stable designs of high quality.

The **schreier** light stands are suitable for mounting on pipe bridges, railings and masonry. A variety of mounting options are also available for mounting on stair railings.

Different geometries enable a wide variety of uses. The production portfolio includes small lamp brackets, rigid and rotatable, straight and curved light stand versions. In addition, there is the option of mounting a foldable version that allows the operator to safely replace the luminaire without a ladder.

The luminaires can be assembled in different positions as well as in longitudinal or transverse direction to the lamp stand. The necessary mounting material is also made by **schreier** and completes the range.

The flexibility of the mounting options is particularly advantageous, as different components can be used to vary the distance to the handrail as well as the position of the floor mounting. We would be pleased to advise you on this for your projects.

The ground connection of a light stand is required if it is not sufficiently connected to adjacent metallic structural parts by its mounting (discharge capability must be ensured).

Many light stands and mounting parts can be supplied in hot-dip galvanised and stainless steel versions. Special shapes can also be produced on customer request.

Light stands



Lamp bracket



Lamp bracket DN50

made of threaded pipe
DN50×920 mm, thread R 2",
protected by pipe protection,
pipe is suitable
for pulling in cables

5171001

hot-dip galvanized according to
DIN EN ISO 1461



Lamp bracket DN32

made of threaded pipe
DN32×920 mm, without thread,
pipe is suitable
for pulling in cables

5171002

hot-dip galvanized according to
DIN EN ISO 1461



Lamp bracket form A

diameter 60.3 mm,
length approx. 500 mm, pipe is
welded on at an 15° angle,
1 cable entry slot 16×40 mm,
mounting bracket,
thickness 8 mm

5171004

hot-dip galvanized according to
DIN EN ISO 1461

5172004

stainless steel material 1.4301/304



Lamp bracket form B

diameter 60.3 mm,
length approx. 500 mm, pipe is
welded on at an 15° angle,
1 cable entry slot 16×40 mm,
with mounting plate
thickness 4 mm with 4 holes

5171005

hot-dip galvanized according to
DIN EN ISO 1461

5172005

stainless steel material 1.4301/304



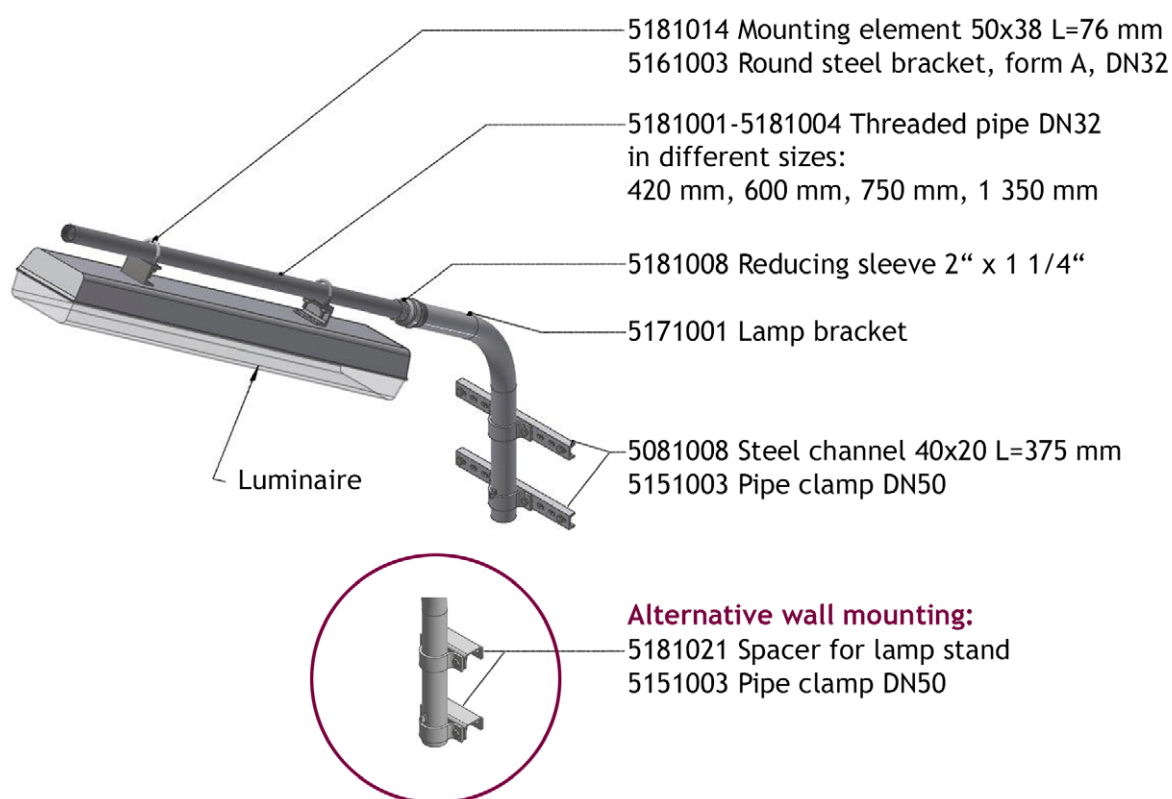
Lamp bracket form A

5171004	Lamp bracket form A	1 piece
5151003	Pipe clamp DN50	1 piece
5081017	Steel channel, L=856 mm	1 piece

Lamp bracket form B

5171005	Lamp bracket form B	1 piece
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Lamp bracket



Bill of material for the lamp bracket

Lamp bracket	5171001	1 piece
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Mounting of the luminaire in the longitudinal direction to the lamp stand

Threaded pipe (see p. 41) (different sizes)	5181001- 5181004	1 piece
Reducing sleeve	5181008	1 piece

Mounting element made of steel channel, 50x76 mm	5181014	2 pieces
Round steel bracket DN32	5161003	2 pieces

Wall mounting

Pipe clamp DN50	5151003	2 pieces
Mounting element made of steel channel, 40x20 mm	5081008	2 pieces
alternative: Spacer	5181021	2 pieces

Bill of material for the lamp bracket

Lamp bracket	5171001	1 piece
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Mounting of the luminaire in the transverse direction to the lamp stand

Threaded pipe (see p. 41) (different sizes)	5181001- 5181003	1 pieces
Galvanised T-piece	5181009	1 piece
Pipe nut for counteracting	5181010	1 piece

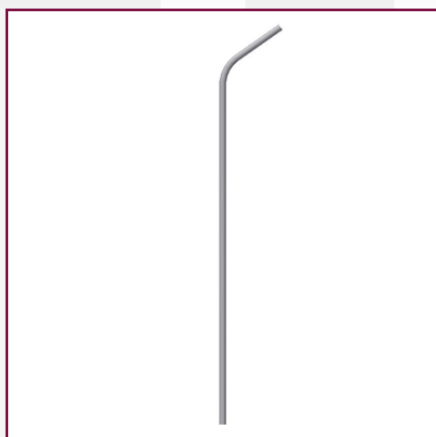
Mounting element made of steel channel, 50x76 mm	5181014	2 pieces
Round steel bracket DN32	5161003	2 pieces

Wall mounting

Pipe clamp DN50	5151003	2 pieces
Mounting element made of steel channel, 40x20 mm	5081008	2 pieces
alternative: Spacer	5181021	2 pieces

Note: The scope of delivery does not include fastening parts such as screws, washers or nuts. However, these can be ordered as well.

Light stand DN32

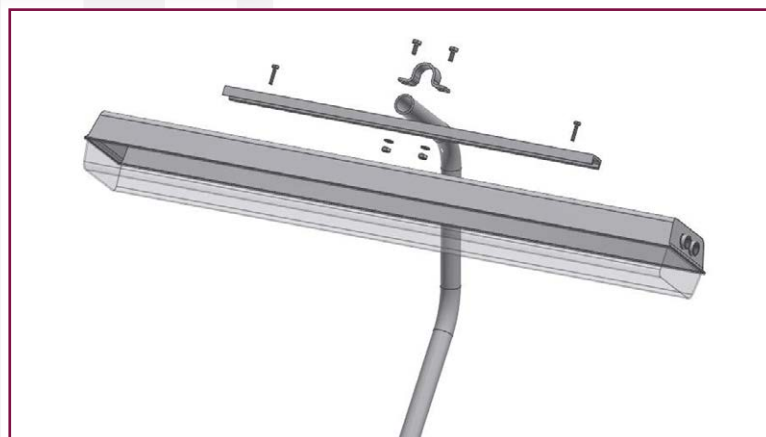


Light stand DN32

made of threaded pipe
DN32×2 400 mm, pipe is suitable
for pulling in cable

5171006

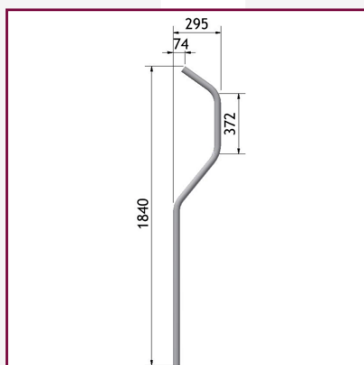
hot-dip galvanized according to
DIN EN ISO 1461



Bill of material for mounting the luminaire

Light stand DN32	5171006	1 piece
Pipe clamp	5151001	1 piece
Steel channel		1 piece
<i>Different sizes possible depending on luminaire size</i>		

Note: All light stands are available in hot-dip galvanised steel or stainless steel.



Light stand DN32, form A

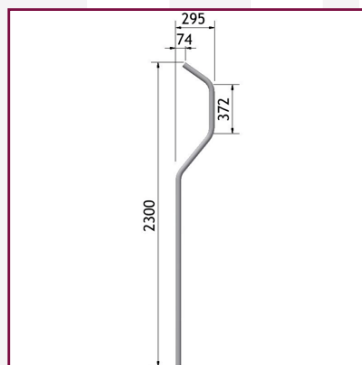
made of threaded pipe
DN32×1 840 mm,
pipe is suitable for
suitable for pulling in cables

5171008

hot-dip galvanized according to
DIN EN ISO 1461

5172008

stainless steel material 1.4301/304

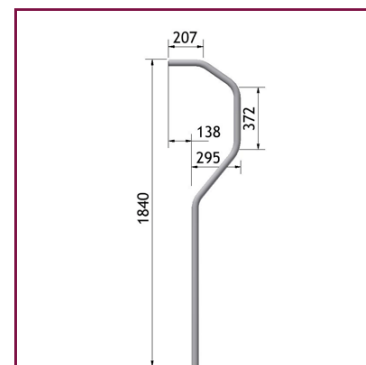


Light stand DN32, form B

made of threaded pipe
DN32×2 300 mm,
pipe is suitable for
suitable for pulling in cables

5171010

hot-dip galvanized according to
DIN EN ISO 1461



Light stand DN32, form C

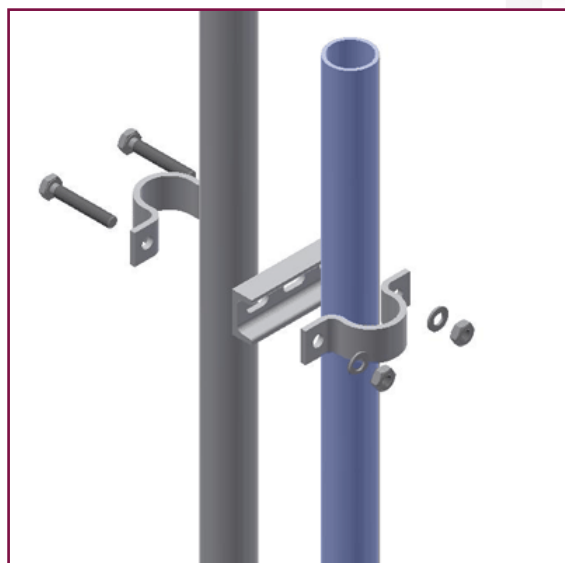
made of threaded pipe
DN32×1 840 mm, straight extension
in the upper area by approx.
200 mm e.g. for mounting an
emergency luminaire, pipe is
suitable for pulling in cables

5171011

hot-dip galvanized according to
DIN EN ISO 1461

Note: The scope of delivery does not include fastening parts such as screws, washers or nuts.
However, these can be ordered as well.

Light stand DN32



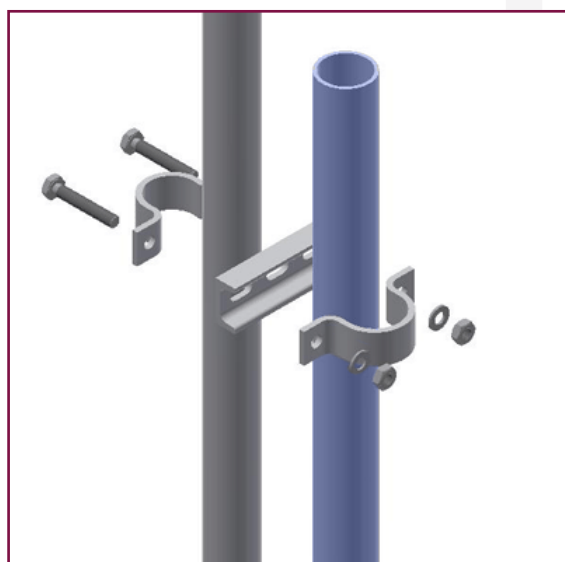
Bill of material for mounting on round pipe Ø 42,4 mm

Light stand DN32	5171006	1 piece
Pipe clamp	5151001	2 pieces
Steel channel	5081001	1 piece

Mounting material

Hexagon screw M10×60*	30721	2 pieces
Washer A10*	30018	2 pieces
Hexagon nut M10*	30267	2 pieces

* electrogalvanised



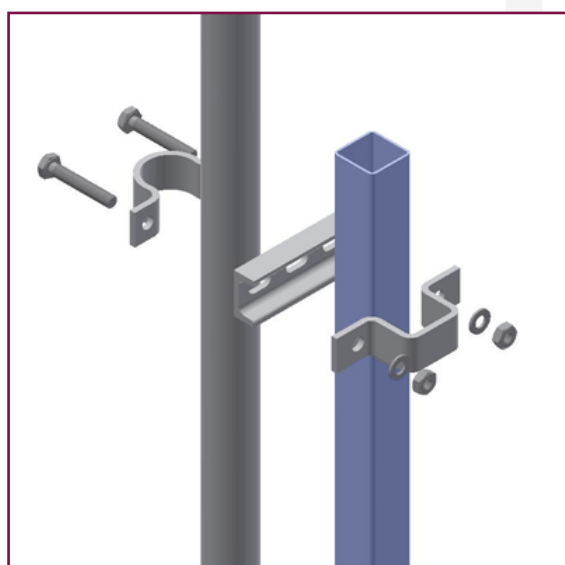
Bill of material for mounting on round pipe Ø 48,3 mm

Light stand DN32	5171006	1 piece
Pipe clamp	5151002	1 piece
Pipe clamp	5151001	1 piece
Steel channel	5081001	1 piece

Mounting material

Hexagon screw M10×60*	30721	2 pieces
Washer A10*	30018	2 pieces
Hexagon nut M10*	30267	2 pieces

* electrogalvanised



Bill of material for mounting on square pipe 40×40 mm

Light stand DN32	5171006	1 piece
Mounting clamp	5151004	1 piece
Pipe clamp	5151001	1 piece
Steel channel	5081001	1 piece

Mounting material

Hexagon screw M10×60*	30721	2 pieces
Washer A10*	30018	2 pieces
Hexagon nut M10*	30267	2 pieces

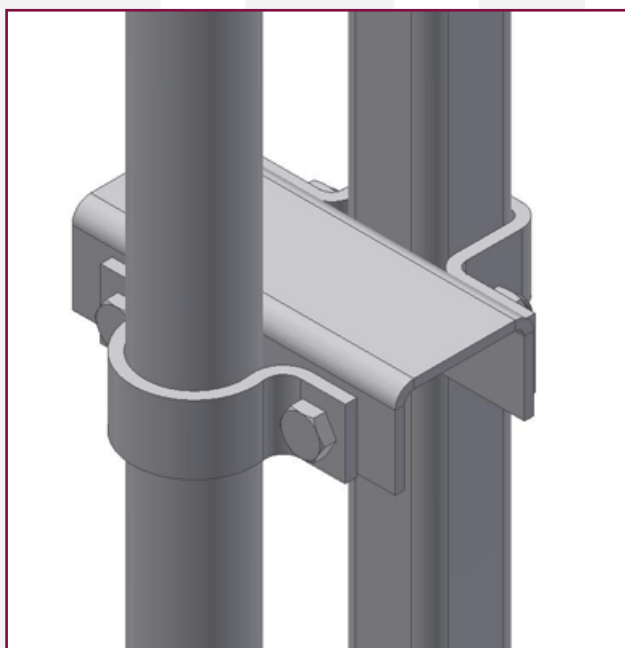
* electrogalvanised

Note: The scope of delivery does not include fastening parts such as screws, washers or nuts. However, these can be ordered as well.

Light stand DN32

Mounting with a 60 mm distance to the handrail

In order to assemble a light stand safely, a distance of 60 mm may be necessary so that the handrail can be gripped freely at any time and in any place. Mounting with a spacer and the associated support bracket is suitable for this purpose.



Bill of material

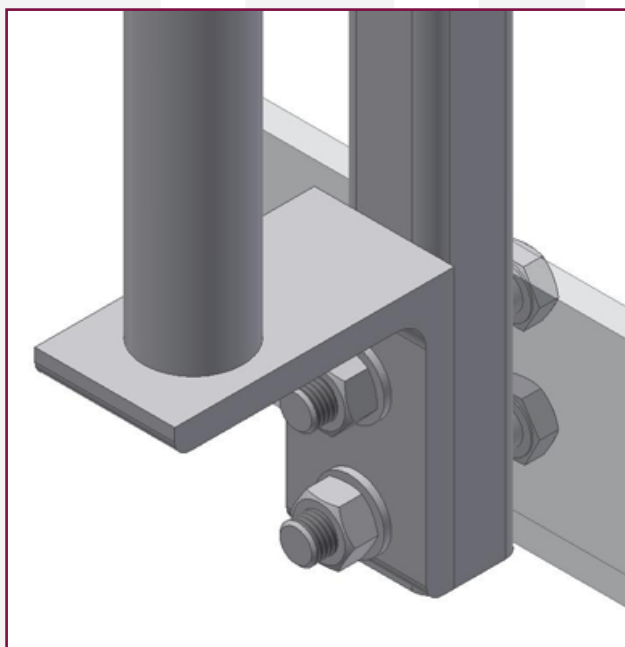
Light stand DN32	5171006	1 piece
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Mounting on the upper railing section

Pipe clamp	5151001	1 piece
Mounting clamp	5151004	1 piece
Spacer	5181021	1 piece

Mounting material

Hexagon screw M10×25*	30064	4 pieces
Washer A10,5*	30018	4 pieces
Hexagon nut M10*	30267	4 pieces



Mounting on the lower railing section

Support console	5181017	1 piece
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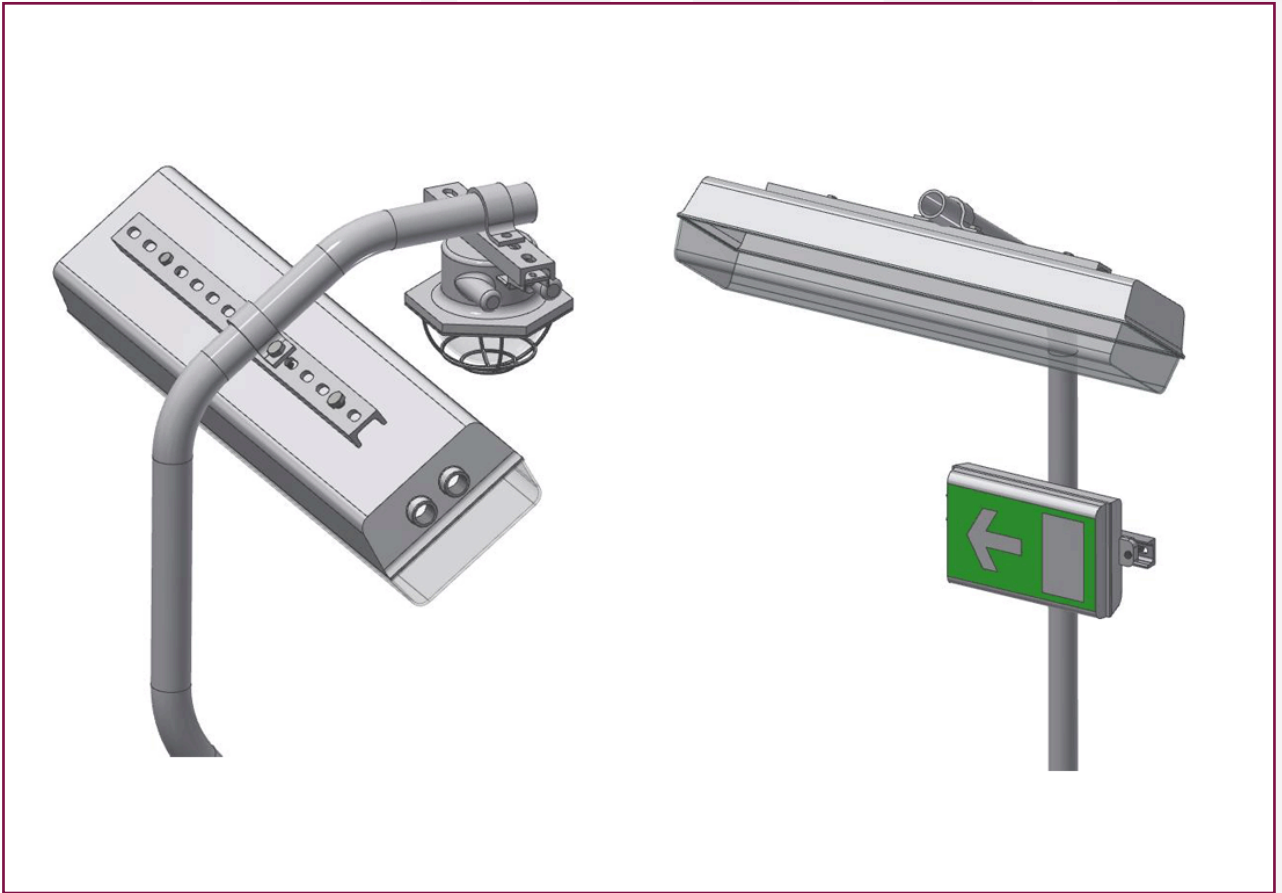
Mounting material

Hexagon screw M16×80*	30550	2 pieces
Washer A17*	30110	2 pieces
Hexagon nut M16*	30059	2 pieces

* electrogalvanised
a hot-dip galvanised version is available on request

Note: The scope of delivery does not include fastening parts such as screws, washers or nuts. However, these can be ordered as well.

Light stand DN32



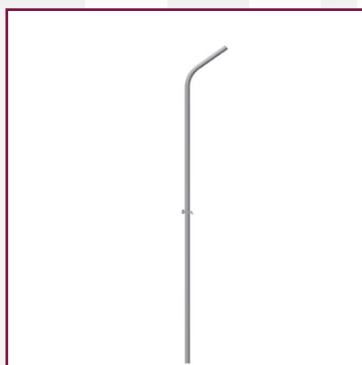
Light stand, foldable



Light stand DN65, foldable
made of threaded pipe
(lower part DN65×1 300 mm and
upper part DN50×1 580 mm),
pipe is suitable for
pulling in cables,
with thread R 2" and
protective cap

5171014

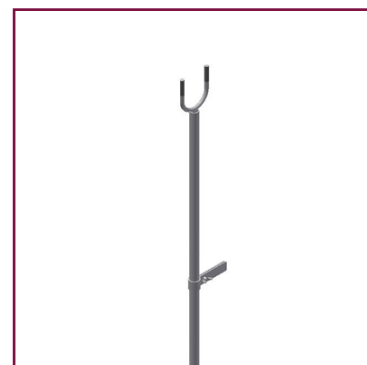
hot-dip galvanized according to
DIN EN ISO 1461



Light stand DN32, foldable
made of threaded pipe
(lower part DN32×1 300 mm and
upper part DN32×1 437 mm),
pipe is suitable for
pulling in cables

5171016

hot-dip galvanized according to
DIN EN ISO 1461

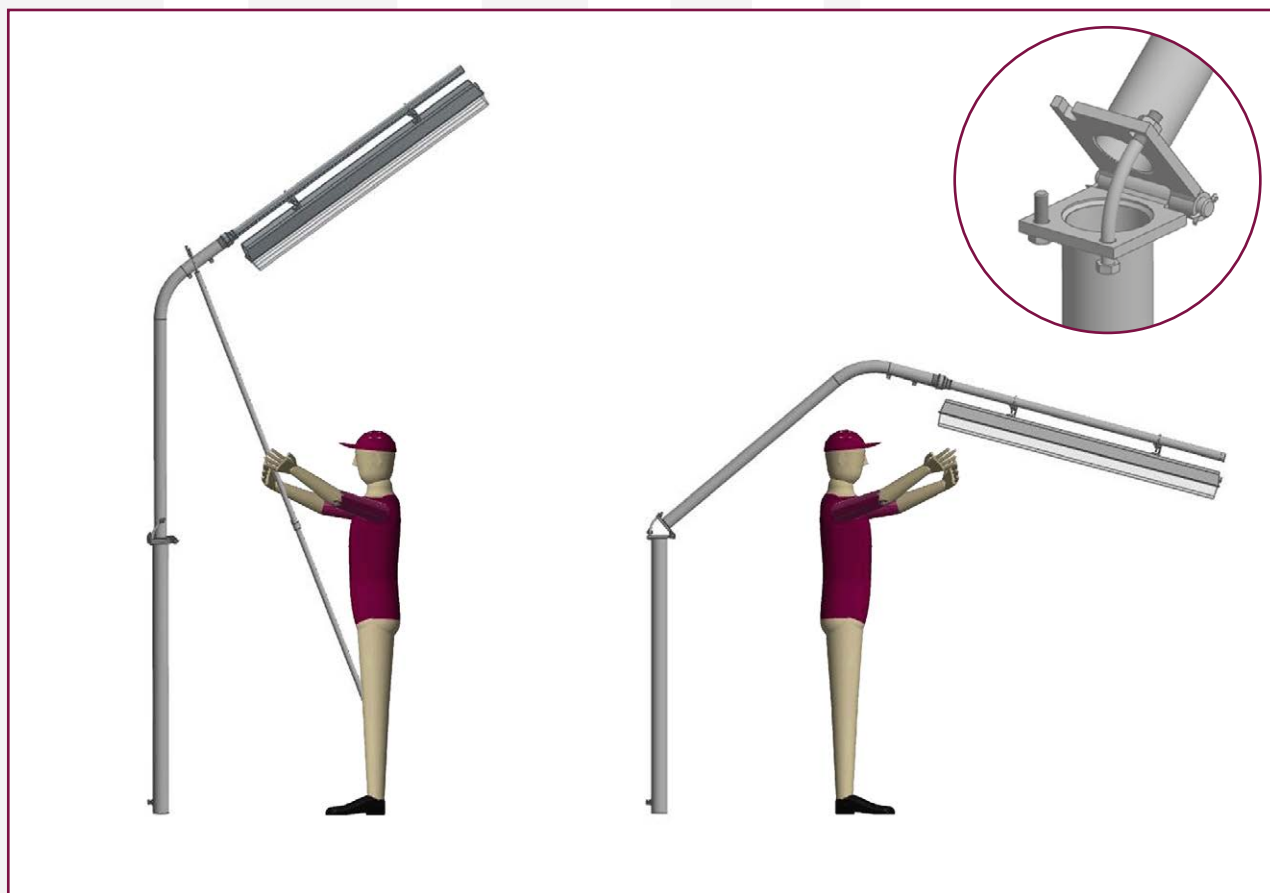


**Support fork for
foldable light stand DN65**

5181007

hot-dip galvanized according to
DIN EN ISO 1461

Note: Other geometries of the lamp bracket shape can be produced on customer request.



Light stand DN65

Bill of material for mounting the luminaire in longitudinal direction to the light stand

Light stand DN65	5171014	1 piece
Reducing sleeve	5181008	1 piece
Threaded pipe (various sizes)	5181001-5181004	1 piece
Mounting part made of steel channel	5181014	2 pieces
Round steel bracket, form A, DN32	5161003	2 pieces
optional: Boundary bracket	5182005	1 piece



Boundary bracket

for light stand,
mounting part for folding down the
upper part of the light stand,
made of hexagon screw DIN 931,
with assembled nut DIN 934,
stainless steel material 1.4301/304

5182006

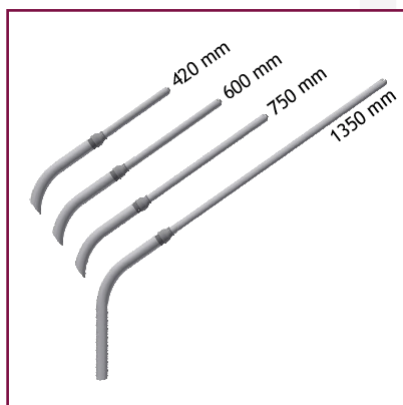
M10×140 mm (for DN32)

5182005

M12×140 mm (for DN65)

Bill of material for mounting the luminaire in transverse direction to the light stand

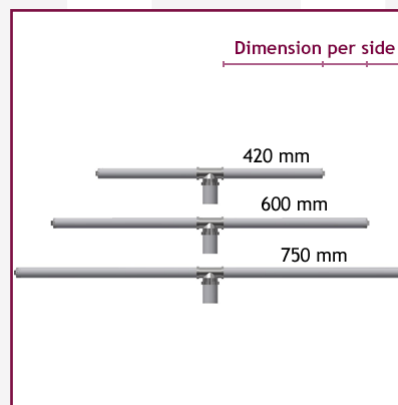
Light stand DN65	5171014	1 piece
Galvanised T-piece	5181009	1 piece
Threaded pipe (various sizes)	5181001-5181003	2 pieces
Mounting part made of steel channel	5181014	2 pieces
Round steel bracket, form A, DN32	5161003	2 pieces
optional: Boundary bracket	5182005	1 piece



Longitudinal mounting of the luminaire

5181001	Threaded pipe DN32, 420 mm
5181002	Threaded pipe DN32, 600 mm
5181003	Threaded pipe DN32, 750 mm
5181004	Threaded pipe DN32, 1 350 mm

hot-dip galvanized according to DIN EN ISO 1461



Transverse mounting of the luminaire

5181001	Threaded pipe DN32, 420 mm
5181002	Threaded pipe DN32, 600 mm
5181003	Threaded pipe DN32, 750 mm
5181010	Hexagon pipe nut R 2" for countering the T-piece

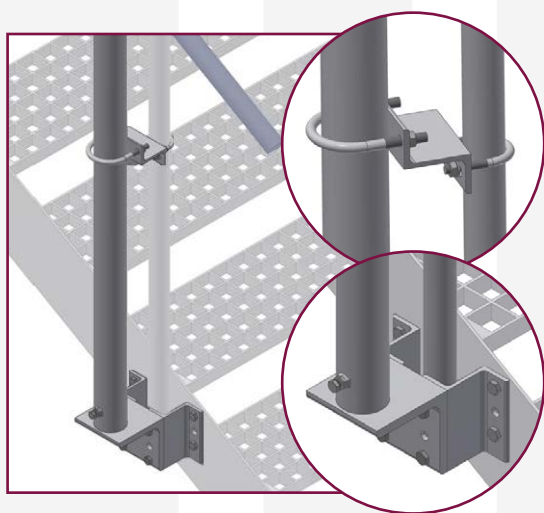
hot-dip galvanized according to DIN EN ISO 1461

Note: The scope of delivery does not include fastening parts such as screws, washers or nuts. However, these can be ordered as well.

Light stand DN65

The light stands can be mounted in different ways. Four examples are shown below, but there are other ways of mounting, which depend on the on-site conditions.

Version 1: Mounting on the stair railing and the stair stringer



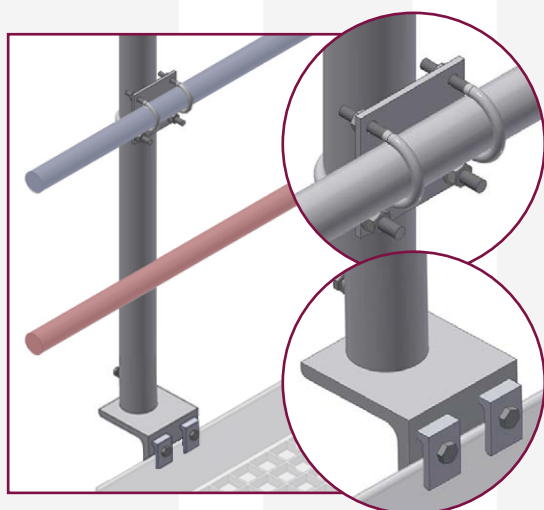
Bill of material

Upper intermediate part, Z-steel	5181012	1 piece
Round steel bracket, form A, DN65	5161006	1 piece
Round steel bracket, form A, DN40	5161004	1 piece
Lower intermediate part, Z-steel	5181013	2 pieces
Support bracket	5181015	1 piece

Mounting material

Hexagon nut M10 EG	30267	2 pieces
Washer A10,5 EG	30018	2 pieces
Hexagon screw M12×40 EG	30003	8 pieces
Hexagon nut M12 EG	30011	10 pieces
Washer A13 EG	30281	10 pieces

Version 2: Mounting on the stair railing at the baseboard



Bill of material

Mounting plate	5181011	1 piece
Round steel bracket, form A, DN65	5161006	1 Stück
Round steel bracket, form A, DN40	5161004	2 pieces
Support bracket	5181015	1 piece
Beam clamp/ <i>alternative: Flat steel claw size 4</i>	5071001 5061005	2 pieces 2 pieces

Mounting material

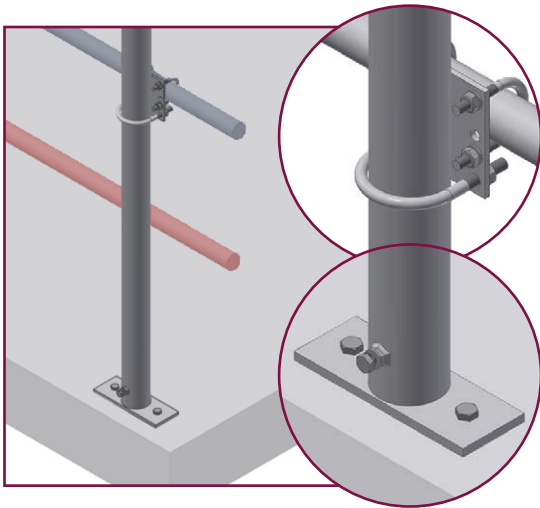
Hexagon nut M10 EG	30267	4 pieces
Washer A10,5 EG	30018	4 pieces
Hexagon screw M12×50 mm EG	30722	2 pieces
Hexagon nut M12 EG	30011	4 pieces
Washer A13 EG	30281	4 pieces

Note: The scope of delivery does not include fastening parts such as screws, washers or nuts. However, these can be ordered as well.
EG = electrogalvanized

Light stand DN65

Note: Variants 2-4 can also be purchased for mounting the DN32 light stand with the associated material.

Version 3: Mounting on the railing DN40 and on the floor



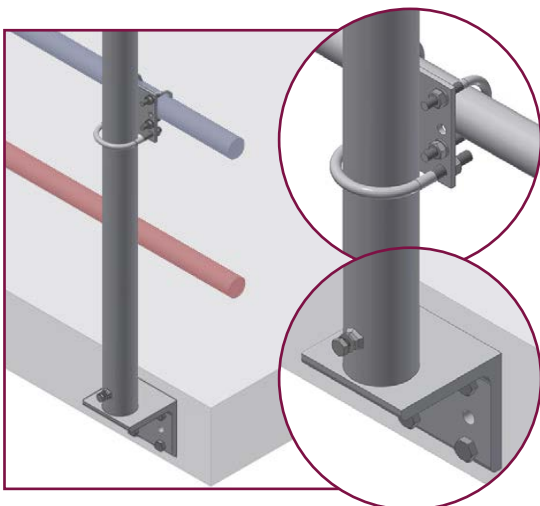
Bill of material

Mounting plate	5181011	1 piece
Round steel bracket, form A, DN65	5161006	1 piece
Round steel bracket, form A, DN40	5161004	2 pieces
Foot for light stand made of flat steel	5181018	1 piece

Mounting material

Hexagon nut M10 EG	30267	4 pieces
Washer A10,5 EG	30018	4 pieces
Hexagon nut M12 EG	30011	2 pieces
Washer A13 EG	30281	4 pieces
Hexagon screw M12×40 EG	30003	2 pieces

Version 4: Mounting on the railing DN40 and besides the floor/stage



Bill of material

Mounting plate	5181011	1 piece
Round steel bracket, form A, DN65	5161006	1 piece
Round steel bracket, form A, DN40	5161004	2 pieces
Support bracket	5181015	1 piece

Mounting material

Hexagon nut M10 EG	30267	4 pieces
Washer A10,5 EG	30018	4 pieces
Hexagon nut M12 EG	30011	2 pieces
Washer A13 EG	30281	6 pieces
Hexagon screw M12×40 EG	30003	4 pieces

Note: The scope of delivery does not include fastening parts such as screws, washers or nuts. However, these can be ordered as well.
EG = electrogalvanized

Mounting elements



Reducing sleeve
2" × 1 ¼",
malleable cast iron

5181008

hot-dip galvanized according to
DIN EN ISO 1461



T-piece
2" × 1 ¼" × 1 ¼",
malleable cast iron

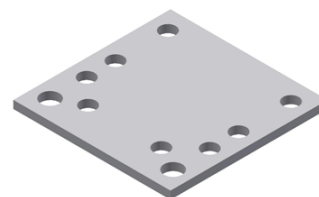
5181009

hot-dip galvanized according to
DIN EN ISO 1461

Hexagon pipe nut R 2"
DIN 2950 for countering
the T-piece

5181010

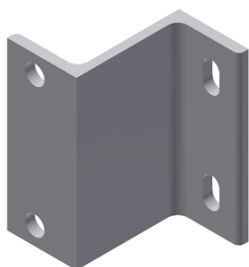
hot-dip galvanized according to
DIN EN ISO 1461



Mounting plate
for light stand to be mounted
on the railing, 120×120×6 mm

5181011

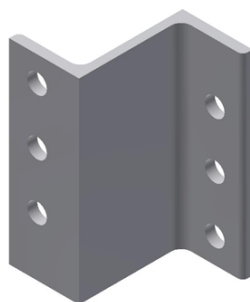
hot-dip galvanized according to
DIN EN ISO 1461



Upper intermediate part
for mounting on the railing,
made of Z-steel 80×120 mm

5181012

hot-dip galvanized according to
DIN EN ISO 1461



Lower intermediate part
for mounting on the
stair stringer,
made of Z-steel 80×140 mm

5181013

hot-dip galvanized according to
DIN EN ISO 1461

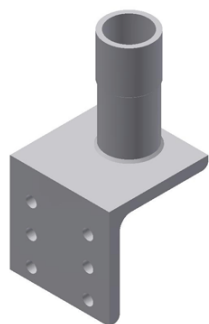


Mounting element
for mounting the luminaire on
the threaded pipe, made of steel
channel 50×76 mm

5181014

hot-dip galvanized according to
DIN EN ISO 1461

Mounting elements



**Support bracket for
light stand DN65**

made of angled steel
140×140×15 mm and seamless
tube 70×8 mm, tube is
suitable for pulling in cables

5181015

hot-dip galvanized according to
DIN EN ISO 1461



**Support bracket for
light stand DN32**

made of angle steel
120×80×10 mm and seamless
tube 33.7×5 mm, tube is
suitable for pulling in cables

5181016

hot-dip galvanized according to
DIN EN ISO 1461

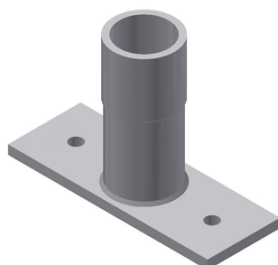


**Support bracket for
light stand DN32**

made of angle steel
120×120×10 mm and seamless
tube 33.7×5 mm, tube is
suitable for pulling in cables

5181017

hot-dip galvanized according to
DIN EN ISO 1461

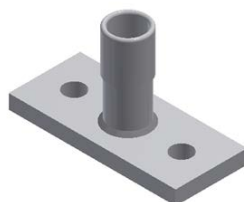


Foot for light stand DN65

made of flat steel 220×80×12 mm
and seamless tube 70×8 mm,
tube is suitable for
pulling in cables

5181018

hot-dip galvanized according to
DIN EN ISO 1461



Foot for light stand DN32

made of flat steel 140×60×10 mm
and seamless tube 33.7×5 mm,
tube is suitable for
pulling in cables

5181019

hot-dip galvanized according to
DIN EN ISO 1461



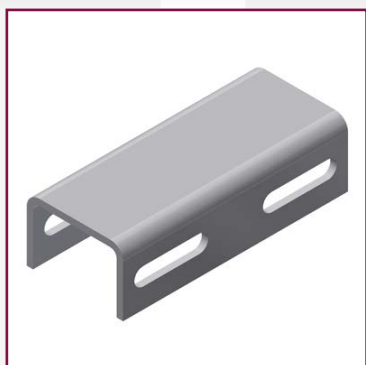
Holding bracket

for luminaire base or light stand on
railing according to WN 72-28,
made of unequal angle steel
150×100×10 mm

5181020

hot-dip galvanized according to
DIN EN ISO 1461

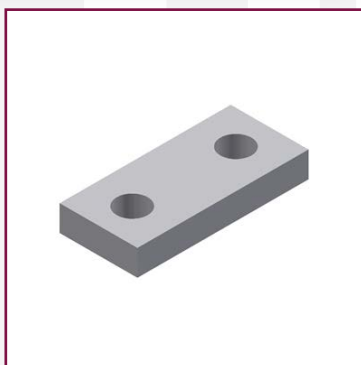
Mounting elements



Spacer for light stand
for railing DN32, in U-shape
140×60×40 mm

5181021

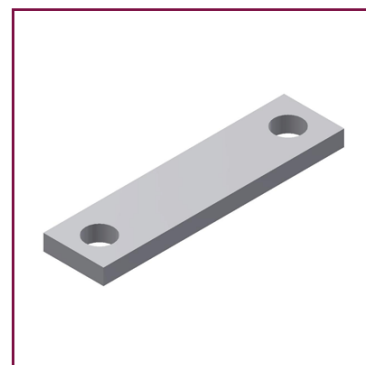
hot-dip galvanized according to
DIN EN ISO 1461



Underlay for light stand
dimension 30×10×66 mm,
for mounting on tubular railings
with round steel bracket,
made of flat steel

5181022

hot-dip galvanized according to
DIN EN ISO 1461



Mounting plate for light stand
made of flat steel, 120×30×8 mm,
hole distance 94 mm

5181023

hot-dip galvanized according to
DIN EN ISO 1461



Mounting part
universal piece for attaching
junction boxes to the baseboard
of grating platforms,
made of strip steel 30×4 mm

5181024

hot-dip galvanized according to
DIN EN ISO 1461



Mounting part, size 1
for protective pipe installation on
sectional beams, length 245 mm,
made of flat steel 30×5 mm,
to be bent at the grain

5181025

hot-dip galvanized according to
DIN EN ISO 1461

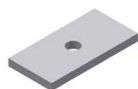


Mounting part, size 6
for protective pipe installation on
sectional beams, length 385 mm,
made of flat steel 30×5 mm,
to be bent at the grain

5181027

hot-dip galvanized according to
DIN EN ISO 1461

Mounting elements



Spacer 950

mounting element
for pipes Ø 12 mm,
length 50 mm,
made of strip steel 25×4 mm

5181030

hot-dip galvanized according to
DIN EN ISO 1461



Spacer 951

mounting element
for pipes Ø 12 mm,
length 85 mm,
made of strip steel 25×4 mm

5181031

hot-dip galvanized according to
DIN EN ISO 1461

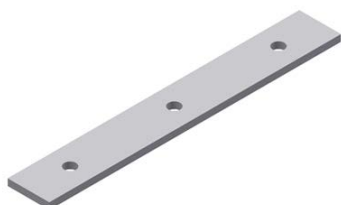


Spacer 952

mounting element
for pipes Ø 12 mm,
length 110 mm,
made of strip steel 25×4 mm

5181032

hot-dip galvanized according to
DIN EN ISO 1461



Spacer 953

mounting element
for pipes Ø 12 mm,
length 175 mm,
made of strip steel 25×4 mm

5181033

hot-dip galvanized according to
DIN EN ISO 1461