

STAINLESS STEEL

V2A
EN 1.4301
AISI 304

V4A
EN 1.4404
AISI 316 L

STAINLESS STEEL

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STAINLESS STEEL

Stainless steel is used in locations where high resistance to corrosion is a primary requisite as well as on occasion in extreme circumstances (such as high temperature and/or pressure).

Stainless steel consists of an iron alloy which contains a minimum of 10.5% chromium and maximum 1.2% carbon. The quantity of chromium prevents the formation of corrosion in a non-polluted atmosphere. The high corrosion resistance is the result of the formation of a thin oxide film on the surface, which prevents the steel beneath from being damaged. If this oxide film is damaged as a result of mechanical or chemical treatment and the circumstances are such that it is not repaired, then local corrosion may occur, while the remainder of the surface remains unaffected. For example, in an acid, reducing solution it is usually not possible for the metal to form a protective oxide film.

Currently there are some 200 different kinds of steels that may be described as "stainless" steel. Every year modified or new alloys appear. Some alloys now contain almost 30% chromium. In addition, a large number of other elements are added to obtain specific properties, depending on the manufacturing process. Among the added elements, there is nickel, carbon, titanium, aluminium, copper, sulphur and selenium.

One of the best known standards is that drawn up by the American Iron and Steel Institute (AISI), under which a specific quality of stainless steel is indicated by three figures. Another well-known method is the European standard whereby the stainless steel is characterised using a material number. In practice, the question of the extent to which a specific type of stainless steel defined in terms of the AISI standard corresponds to a material number often arises.

APPLICATIONS

- Automotive industry;
- Tunnel construction;
- Construction industry;
- Chemical industry;
- Electronic equipment;
- Petroleum industry / petrochemical industry;
- Food industry;
- Aviation;
- Mechanical engineering;
- Medical and pharmaceutical industry;
- Decorative purposes and kitchen equipment.

VERGOKAN OFFERS 2 DIFFERENT GRADES OF STAINLESS STEEL:

1. AISI - STAINLESS STEEL 304 (EN 1.4301 - V2A)

Chromium: 17.5% - 19.5% / Nickel: 8%-10.5%

The general characteristics are as follows:

- Austenitic;
- Good impact resistance at very low temperatures;
- Excellent resistance to corrosion in many oxidizing environments.

2. AISI - STAINLESS STEEL 316 L (EN 1.4404 - V4A)

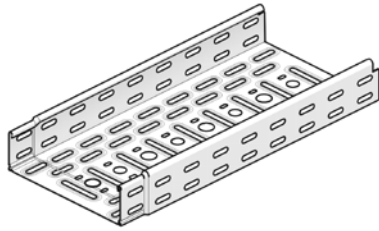
Chromium: 16.5%-18.5 / Nickel: 10.5%-13% / Molybdenum: 2%-2.5%

The general characteristics are as follows:

- Austenitic and heat-resistant steel;
- Very good creep strength at high temperatures (up to 760°C);
- The molybdenum gives Stainless steel 316 better overall corrosion resistant properties when compared to most other chromium-nickel types of steel in several corrosive environments, including the maritime climate;
- In atmospheric conditions stainless steel 316 has excellent resistance to corrosion even in the presence of acids, such as nitric acid. The material has excellent resistance to alkaline solutions as well as organic and inorganic salts. In general this material is highly resistant to corrosion in atmospheric conditions including marine environments.

I4KBSI60

Cable tray with interlocking ends



Interlocking ends
Alternative perforations
Return flanges

Standard finish

Stainless Steel 304

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/m	⊞	Stock	Unit
-	I4KBSI60.100.080	60	100	0.80	3000	1.300	3	✓	m
-	I4KBSI60.200.080	60	200	0.80	3000	1.900	3	✓	m
-	I4KBSI60.300.080	60	300	0.80	3000	2.400	3	✓	m
-	I4KBSI60.400.100	60	400	1.00	3000	3.700	3		m

Fix with:

-	KBV	-	-	-	-	0.001	96	✓	piece
-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece

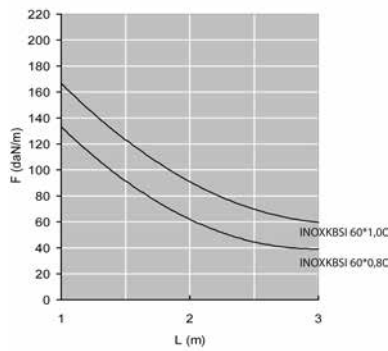
LOAD DIAGRAM

Graph valid for I4KBSI60. This diagram illustrates the permissible uniformly distributed loads applied to multiple supports. They comply with IEC 61537 par 10.3.3. test type III with connection to 1/5 of the span.

F = max. admissible load (daN/m)

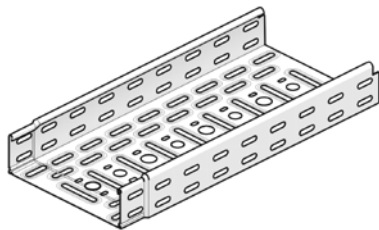
L = support distance (m)

Max. deflection (m) = L/100



I6KBSI60

Cable tray with interlocking ends



Interlocking ends
Alternative perforations
Return flanges

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/m	⊞	Stock	Unit
-	I6KBSI60.100.080	60	100	0.80	3000	1.300	3	✓	m
-	I6KBSI60.200.080	60	200	0.80	3000	1.900	3	✓	m
-	I6KBSI60.300.080	60	300	0.80	3000	2.400	3	✓	m
-	I6KBSI60.400.100	60	400	1.00	3000	3.700	3	✓	m

Fix with:

-	KBV	-	-	-	-	0.001	96	✓	piece
-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece

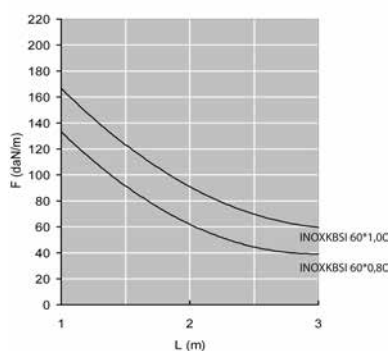
LOAD DIAGRAM

Graph valid for I6KBSI60. This diagram illustrates the permissible uniformly distributed loads applied to multiple supports. They comply with IEC 61537 par 10.3.3. test type III with connection to 1/5 of the span.

F = max. admissible load (daN/m)

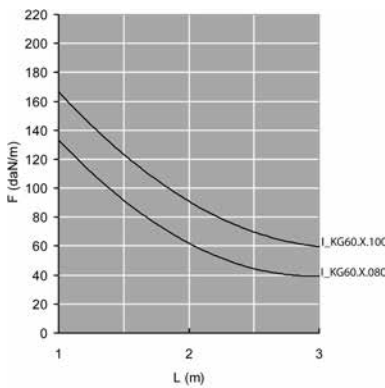
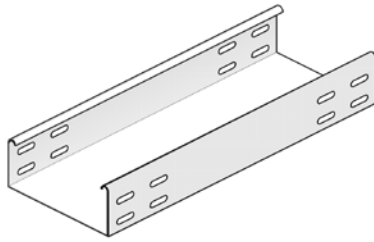
L = support distance (m)

Max. deflection (m) = L/100



I4KG60

Cable tray not perforated



Smooth surface
Return flanges

Standard finish

Stainless Steel 304

HD	Reference	mm	mm	mm	mm	kg/m		Stock	Unit
-	I4KG60.100.080	60	100	0.80	3000	1.500	30		m
-	I4KG60.200.080	60	200	0.80	3000	2.170	30		m
-	I4KG60.300.080	60	300	0.80	3000	2.770	30		m
-	I4KG60.400.100	60	400	1.00	3000	4.460	30		m

Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
-	I6V60.200	50	200	-	-	0.080	48	✓	piece

LOAD DIAGRAM

Graph valid for I4KG60. This diagram illustrates the permissible uniformly distributed loads applied to multiple supports. They comply with IEC 61537 par 10.3.3 test type III with connection to 1/5 of the span.

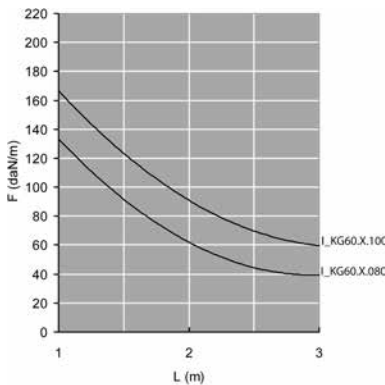
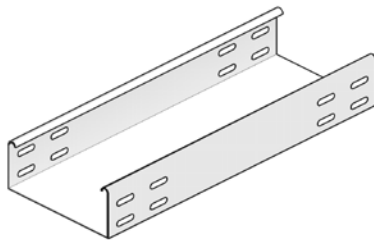
F = max. admissible load (daN/m)

L = support distance (m)

Max. deflection (m) = L/100

I6KG60

Cable tray not perforated



Smooth surface
Return flanges

Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/m		Stock	Unit
-	I6KG60.100.080	60	100	0.80	3000	1.500	30		m
-	I6KG60.200.080	60	200	0.80	3000	2.170	30		m
-	I6KG60.300.080	60	300	0.80	3000	2.770	30		m
-	I6KG60.400.100	60	400	1.00	3000	4.460	30		m

Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
-	I6V60.200	50	200	-	-	0.080	48	✓	piece

LOAD DIAGRAM

Graph valid for I6KG60. This diagram illustrates the permissible uniformly distributed loads applied to multiple supports. They comply with IEC 61537 par 10.3.3 test type III with connection to 1/5 of the span.

F = max. admissible load (daN/m)

L = support distance (m)

Max. deflection (m) = L/100

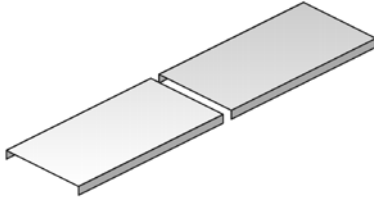
I4D

Universal cover

Cover with board height of 10 mm.

Standard finish

Stainless Steel 304



HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/m	📦	Stock	Unit
-	I4D100	10	102	0.80	3000	0.820	3		m
-	I4D200	10	202	0.80	3000	1.420	3		m
-	I4D300	10	302	0.80	3000	2.100	3		m
-	I4D400	10	402	1.00	3000	4.150	3		m

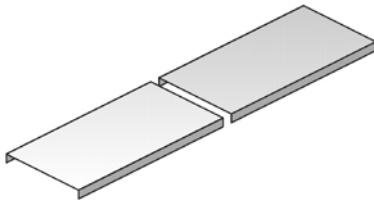
I6D

Universal cover

Cover with board height of 10 mm.

Standard finish

Stainless Steel 316



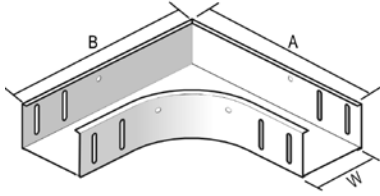
HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/m	📦	Stock	Unit
-	I6D100	10	102	0.80	3000	0.820	3		m
-	I6D200	10	202	0.80	3000	1.420	3		m
-	I6D300	10	302	0.80	3000	2.100	3		m
-	I6D400	10	402	1.00	3000	4.150	3		m

Fix with:

-	DCL	-	-	-	-	0.005	96	✓	piece
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I6B90

Horizontal bend 90°



Scovere over the cable trays

Radius 100 mm

Standard finish Stainless Steel 316

W	75	100	150	200	300	400	500	600
A	280	305	355	405	505	605	705	805
B	280	305	355	405	505	605	705	805

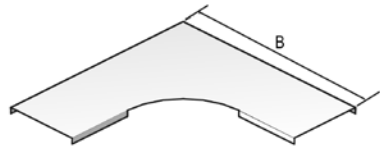
HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6B90.60.100	60	100		-	0.880	1		piece
-	I6B90.60.200	60	200		-	1.450	1		piece
-	I6B90.60.300	60	300		-	2.130	1		piece
-	I6B90.60.400	60	400		-	2.940	1		piece

Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
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I6DB90

Cover for horizontal bend 90°



Radius 100 mm

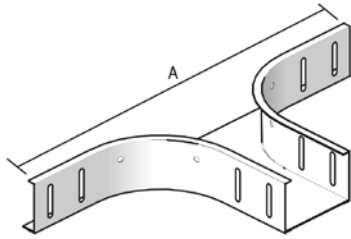
Standard finish Stainless Steel 316

	75	100	150	200	300	400	500	600
B	281	306	356	406	506	606	706	806

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6DB90.100	10	106		-	0.400	1		piece
-	I6DB90.200	10	206		-	0.850	1		piece
-	I6DB90.300	10	306		-	1.420	1		piece
-	I6DB90.400	10	406		-	2.130	1		piece

Fix with:

-	DCL	-	-	-	-	0.005	96	✓	piece
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I6AS**Horizontal adapter 90°**

Scovere over the cable trays

Radius 100 mm

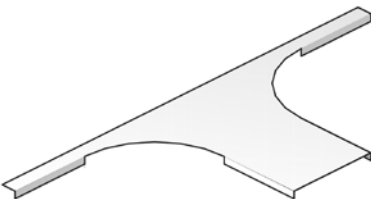
Standard finish Stainless Steel 316

	75	100	150	200	300	400	500	600
A	483	508	558	608	708	808	908	1008

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6AS60.100	60	100		-	0.570	1		piece
-	I6AS60.200	60	200		-	0.710	1		piece
-	I6AS60.300	60	300		-	0.840	1		piece
-	I6AS60.400	60	400		-	0.980	1		piece

Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
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I6DAS**Cover for horizontal adapter 90°**

Radius 100 mm

Standard finish Stainless Steel 316

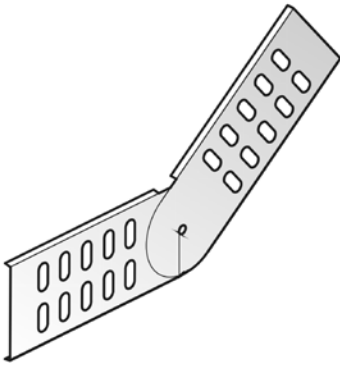
HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6DAS100	10	106		-	0.240	1		piece
-	I6DAS200	10	206		-	0.390	1		piece
-	I6DAS300	10	306		-	0.520	1		piece
-	I6DAS400	10	406		-	0.650	1		piece

Fix with:

-	DCL	-	-	-	-	0.005	96	✓	piece
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I6DS60

Hinged joiner



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6DS60	60			-	0.130	50		piece
Fix with:									
-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece

I6SLOS

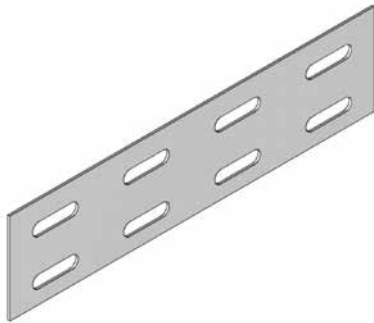
Bolt-in partition



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/m		Stock	Unit
-	I6SLOS35	35			3000	0.330	3		m
-	I6SLOS60	60			3000	0.510	3		m
-	I6SLOS85	85			3000	0.680	3		m
-	I6SLOS110	110			3000	0.820	3		m
Fix with:									
-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece

I6V60.200**Joiner**

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	I6V60.200	50	200		-	0.080	48	✓	piece
Fix with:									
-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece

KBV**Fast locking for KBSI**

Standard finish

Stainless Steel

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	KBV	-			-	0.001	96	✓	piece

DCL**cover clamp clips**

2 pieces per meter.
Not applicable for I4KG / I6KG.

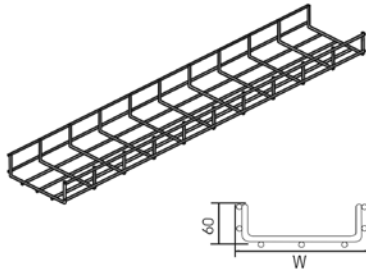
Standard finish

Stainless Steel

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	DCL	-			-	0.005	96	✓	piece

I6VF60

Wire cable tray for heavy duty



Screen: 50x100 mm
Thread: 4.50 mm

Standard finish Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/m		Stock	Unit
-	I6VF60.050	60	50		3000	0.690	3	✓	m
-	I6VF60.100	60	97		3000	1.010	3	✓	m
-	I6VF60.200	60	197		3000	1.263	3	✓	m
-	I6VF60.300	60	297		3000	1.660	3	✓	m
-	I6VF60.400	60	397		3000	2.040	3	✓	m

Fix with:

-	I6KPVF	60	-	-	-	0.100	30	✓	piece
-	I6VFK	-	-	-	-	0.020	50	✓	piece
-	I6VFKS	55	250	-	-	0.270	30	✓	piece

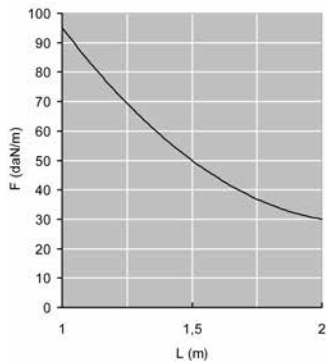
LOAD DIAGRAM

Graph valid for I6VF60. This diagram illustrates the permissible uniformly distributed loads applied to multiple supports. They comply with IEC 61537 par 10.3.3 test type III with connection to 1/5 of the span.

F = max. admissible load (daN/m)

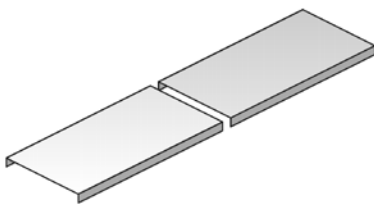
L = support distance (m)

Max. deflection (m) = L/100



I6D

Universal cover



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/m		Stock	Unit
-	I6D100	10	102	0.80	3000	0.820	3		m
-	I6D200	10	202	0.80	3000	1.420	3		m
-	I6D300	10	302	0.80	3000	2.100	3		m
-	I6D400	10	402	1.00	3000	4.150	3		m

Fix with:

-	DCLVF	-	-	-	-	0.005	100	✓	piece
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DCLVF**Captive cover clamp**

2 pieces per meter.

Standard finish

Stainless Steel

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	Stock	Unit
-	DCLVF	-			-	0.005	100	✓ piece

I6KPVF**Joiner for wire cable tray**

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	Stock	Unit
-	I6KPVF	60			-	0.100	30	✓ piece

I6VFK**Joining clamp**

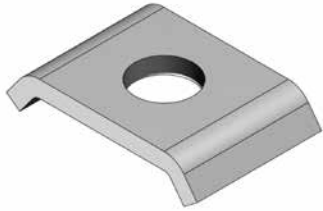
Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	Stock	Unit
-	I6VFK	-			-	0.020	50	✓ piece

I6VFKK25

Joining clamp



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6VFKK25	-	25		-	0.006	200	✓	piece

I6VFKG30

Joining clamp



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6VFKG30	-	30		-	0.008	200	✓	piece

I6VFKS

Support joiner for wire cable tray



For maximum stability and safety

Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6VFKS	55	250		-	0.270	30	✓	piece

Toothed round head and nut included.

I6VFCB**Central suspension bracket**

Standard finish

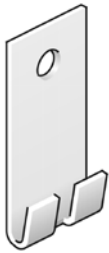
Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	I6VFCB	-			-	0.035	24	✓	piece

Per set (2 pieces)

Can be used for wire cable trays I6VF60.100 and I6VF60.150.

Threaded rod I6TIM6 or I6TIM8 and nut I6M6 or I6M8, should be ordered separately.

I6VFM**Wall bracket**

For fixing on the wall

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	I6VFM	-			-	0.030	48	✓	piece

I6VFMM

Wall and mounting bracket



For fixing of contact boxes and wall fixing

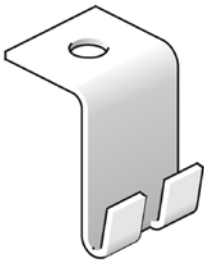
Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6VFMM	60			-	0.080	20	✓	piece

I6VFO

Suspension piece



For threaded rod suspension

Standard finish

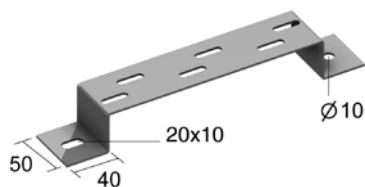
Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6VFO	-			-	0.030	12	✓	piece

Threaded rod I6TIM6 or I6TIM8 should be ordered separately.

I6VMB

Floor and wall bracket



Suitable as floor-, wall-, and suspension bracket

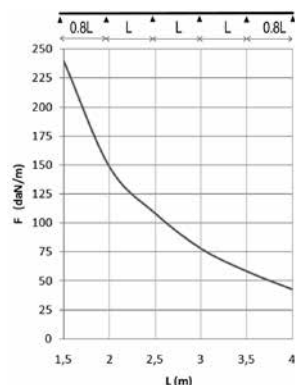
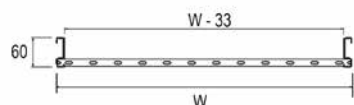
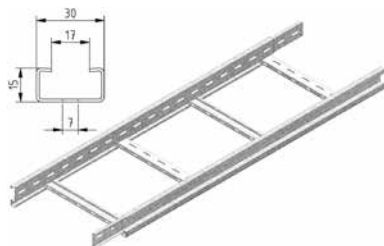
Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6VMB100	40	100		-	0.180	30	✓	piece
-	I6VMB200	40	200		-	0.260	30	✓	piece
-	I6VMB300	40	300		-	0.340	30	✓	piece
-	I6VMB400	40	400		-	0.420	20	✓	piece

I4KLLI60

Cable ladder interlocking ends



Side walls : perforated S-profile
Perforated C rungs

Usable inner height	44 mm
Rung distance	250 mm (to order : 100 mm - 300 mm, increments of 50 mm)
To order	length 6000 mm
To order	width 700 - 1200 mm (increments of 100 mm)
Standard finish	Stainless Steel 304

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	📦	Stock	Unit
-	I4KLLI60.150	60	150	1.00	3000	2.110	30		m
-	I4KLLI60.200	60	200	1.00	3000	2.210	30		m
-	I4KLLI60.300	60	300	1.00	3000	2.400	30		m
-	I4KLLI60.400	60	400	1.00	3000	2.590	30		m
-	I4KLLI60.500	60	500	1.00	3000	2.790	30		m
-	I4KLLI60.600	60	600	1.00	3000	3.810	30		m

Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
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LOAD DIAGRAM

This diagram illustrates the permissible uniformly distributed loads applied to multiple supports. They comply with IEC 61537 with connection in the centre of the span and the end span = 0,8x the span.

F = max. admissible load (daN/m)

L = support distance (m)

Max. deflection (m) = L/100

CHARACTERISTICS

- lightweight
- strong
- interlocking
- partition (I4SLOS35) can be fixed to the cable ladder with a sliding nut (I6GM6) and pan head bolt (I6RB6.10)
- no further coupling holes are required if the cable ladder is cut
- use joiners (I6KLLKP60) and bolts (I6VM6.10) to join the cut lengths of cable ladder
- no joiners are required to attach accessories such as bends, tees etc.
- rungs are perforated to enable efficient attachment of cables.

TECHNICAL INFORMATION

Side walls are constructed from S profile with a return flange and are continuously perforated

Side walls are continuously perforated

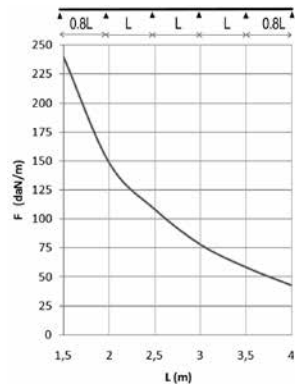
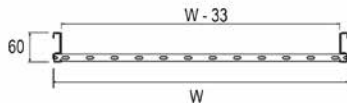
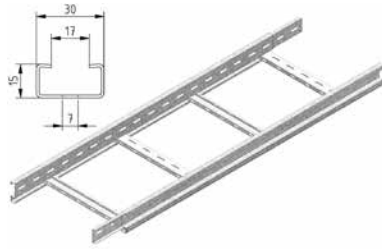
C-profile rungs are fixed at 250 mm intervals

Rungs are mechanically attached to the side wall of the cable ladder

Rungs are alternately placed with openings upwards and downwards.

I6KLLI60

Cable ladder interlocking ends



Side walls: perforated S-profile
Perforated C rungs

Usable inner height	44 mm
Rung distance	250 mm (to order : 100 mm - 300 mm, increments of 50 mm)
To order	length 6000 mm
To order	width 700 - 1200 mm (increments of 100 mm)
Standard finish	Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/m		Stock	Unit
-	I6KLLI60.150	60	150	1.00	3000	2.110	30		m
-	I6KLLI60.200	60	200	1.00	3000	2.067	30		m
-	I6KLLI60.300	60	300	1.00	3000	2.400	30		m
-	I6KLLI60.400	60	400	1.00	3000	2.590	30		m
-	I6KLLI60.500	60	500	1.00	3000	2.790	30		m
-	I6KLLI60.600	60	600	1.00	3000	3.224	30		m

Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
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LOAD DIAGRAM

This diagram illustrates the permissible uniformly distributed loads applied to multiple supports. They comply with IEC 61537 with connection in the centre of the span and the end span = 0,8x the span.

F = max. admissible load (daN/m)

L = support distance (m)

Max. deflection (m) = L/100

CHARACTERISTICS

- lightweight
- strong
- interlocking
- partition (I6SLOS35) can be fixed to the cable ladder with a sliding nut (I6GM6) and pan head bolt (I6RB6.10)
- no further coupling holes are required if the cable ladder is cut
- use joiners (I6KLLKP60) and bolts (I6VM6.10) to join the cut lengths of cable ladder
- no joiners are required to attach accessories such as bends, tees etc.
- rungs are perforated to enable efficient attachment of cables.

TECHNICAL INFORMATION

Side walls are constructed from S profile with a return flange and are continuously perforated

Side walls are continuously perforated

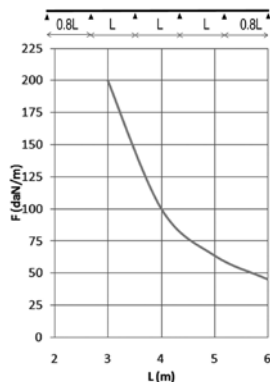
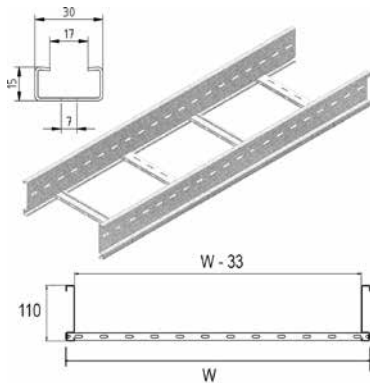
C-profile rungs are fixed at 250 mm intervals

Rungs are mechanically attached to the side wall of the cable ladder

Rungs are alternately placed with openings upwards and downwards.

I4KLL110

Cable ladder



Side walls : perforated S-profile
Perforated C rungs

Usable inner height	94 mm
Rung distance	250 mm (to order : 100 mm - 300 mm, increments of 50 mm)
To order	length 6000 mm
To order	width 700 - 1200 mm (increments of 100 mm)
Standard finish	Stainless Steel 304

HD	Reference	mm	mm	mm	mm	kg/m		Stock	Unit
-	I4KLL110.200	110	200	1.25	3000	3.610	18		m
-	I4KLL110.300	110	300	1.25	3000	3.810	18		m
-	I4KLL110.400	110	400	1.25	3000	4.000	18		m
-	I4KLL110.500	110	500	1.25	3000	4.190	18		m
-	I4KLL110.600	110	600	1.25	3000	5.210	18		m

Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
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LOAD DIAGRAM

This diagram illustrates the permissible uniformly distributed loads applied to multiple supports. They comply with IEC 61537 with connection in the centre of the span and the end span = 0,8x the span.

F = max. admissible load (daN/m)

L = support distance (m)

Max. deflection (m) = L/100

CHARACTERISTICS

- lightweight
- strong
- partition (I6SLOS85) can be fixed to the cable ladder with a sliding nut (I6GM6) and pan head bolt (I6RB6.10)
- no further coupling holes are required if the cable ladder is cut.
- rungs are perforated to enable efficient attachment of cables.

TECHNICAL INFORMATION

Side walls are constructed from S profile with a return flange and are continuously perforated.

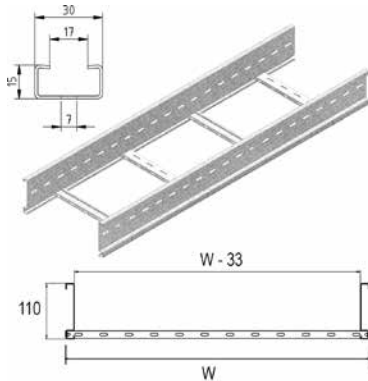
C-profile rungs are fixed at 250 mm intervals.

Rungs are mechanically attached to the side wall of the cable ladder.

Rungs are alternately placed with openings upwards and downwards.

I6KLL110

Cable ladder



Side walls: perforated S-profile
Perforated C rungs

Usable inner height	94 mm
Rung distance	250 mm (to order : 100 mm - 300 mm, increments of 50 mm)
To order	length 6000 mm
To order	width 700 - 1200 mm (increments of 100 mm)
Standard finish	Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/m		Stock	Unit
-	I6KLL110.200	110	200	1.25	3000	3.610	18		m
-	I6KLL110.300	110	300	1.25	3000	3.810	18		m
-	I6KLL110.400	110	400	1.25	3000	4.000	18		m
-	I6KLL110.500	110	500	1.25	3000	4.190	18		m
-	I6KLL110.600	110	600	1.25	3000	4.624	18		m
-	I6KLL110.200.6	110	200	1.25	6000	3.610	18		m
-	I6KLL110.400.6	110	400	1.25	6000	4.000	18		m
-	I6KLL110.600.6	110	600	1.25	6000	4.624	18		m

Fix with:

-	I6KLLKP110	89	13	-	400	0.500	12		piece
-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece

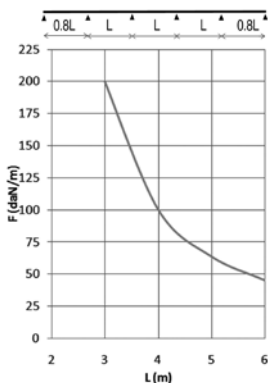
LOAD DIAGRAM

This diagram illustrates the permissible uniformly distributed loads applied to multiple supports. They comply with IEC 61537 with connection in the centre of the span and the end span = 0,8x the span.

F = max. admissible load (daN/m)

L = support distance (m)

Max. deflection (m) = L/100



CHARACTERISTICS

- lightweight
- strong
- partition (I6SLOS85) can be fixed to the cable ladder with a sliding nut (I6GM6) and pan head bolt (I6RB6.10)
- no further coupling holes are required if the cable ladder is cut.
- rungs are perforated to enable efficient attachment of cables.

TECHNICAL INFORMATION

Side walls are constructed from S profile with a return flange and are continuously perforated.

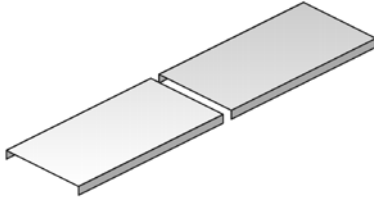
C-profile rungs are fixed at 250 mm intervals.

Rungs are mechanically attached to the side wall of the cable ladder.

Rungs are alternately placed with openings upwards and downwards.

I4D

Universal cover



Standard finish

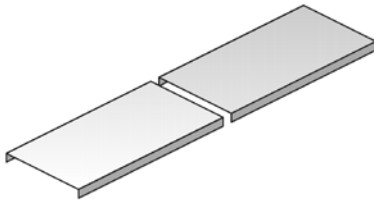
Stainless Steel 304

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/m	⊞	Stock	Unit
-	I4D200	10	202	0.80	3000	1.420	3		m
-	I4D300	10	302	0.80	3000	2.100	3		m
-	I4D400	10	402	1.00	3000	4.150	3		m
Fix with:									
-	I4KLLDK	20	20	-	-	0.024	20		piece

Covers with width > 400 mm are delivered with diagonal reinforcements.

I6D

Universal cover



Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/m	⊞	Stock	Unit
-	I6D200	10	202	0.80	3000	1.420	3		m
-	I6D300	10	302	0.80	3000	2.100	3		m
-	I6D400	10	402	1.00	3000	4.150	3		m
Fix with:									
-	I6KLLDK	20	20	-	-	0.024	20		piece

Covers with width > 400 mm are delivered with diagonal reinforcements.

I4KLLDK

Cover clamp for I4KLL



Number: 2 pieces per metre

Standard finish

Stainless Steel 304

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I4KLLDK	20	20		-	0.024	20		piece

Included: Bolt I6B6.20

I6KLLDK

Cover clamp for I6KLL



Number: 2 pieces per metre.

Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLLDK	20	20		-	0.024	20		piece

The mounting principle for this product can be found at the end of this chapter.

Included: Bolt I6B6.20

I6KLLABD

Distance bracket for cover I6KLL



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLLABD	90	60		19	0.100	4		piece
Fix with:									
-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
-	I6KLLDK	20	20	-	-	0.024	20		piece

The mounting principle for this product can be found at the end of this chapter.

Can be used for heights 60 - 110 mm.

2 pieces per meter.

I6KLLB

Horizontal bend for I6KLL



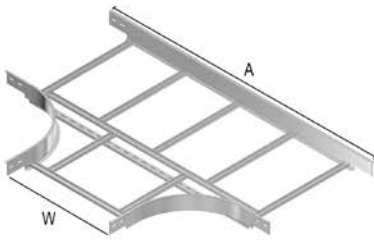
Radius 300 mm
Standard finish Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	I6KLLB60.150	60	141		-	1.659	1		piece
-	I6KLLB60.200	60	191		-	1.898	1		piece
-	I6KLLB60.300	60	291		-	2.375	1		piece
-	I6KLLB60.400	60	391		-	2.852	1		piece
-	I6KLLB60.500	60	491		-	3.329	1		piece
-	I6KLLB60.600	60	591		-	3.806	1		piece
-	I6KLLB110.200	110	198		-	2.826	1		piece
-	I6KLLB110.300	110	298		-	3.384	1		piece
-	I6KLLB110.400	110	398		-	3.940	1		piece
-	I6KLLB110.500	110	498		-	4.498	1		piece
-	I6KLLB110.600	110	598		-	5.055	1		piece
Fix with:									
-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece

Minimum number bolts and nuts: 8 pieces.

I6KLLT

T-piece for I6KLL



Radius	300 mm					
Standard finish	Stainless Steel 316					

W (mm)	150	200	300	400	500	600
A (mm)	1021	1071	1171	1271	1371	1471

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLLT60.150	60	141		-	2.229	1		piece
-	I6KLLT60.200	60	191		-	2.821	1		piece
-	I6KLLT60.300	60	291		-	3.447	1		piece
-	I6KLLT60.400	60	391		-	3.882	1		piece
-	I6KLLT60.500	60	491		-	4.317	1		piece
-	I6KLLT60.600	60	591		-	4.753	1		piece
-	I6KLLT110.200	110	198		-	4.131	1		piece
-	I6KLLT110.300	110	298		-	4.806	1		piece
-	I6KLLT110.400	110	398		-	5.290	1		piece
-	I6KLLT110.500	110	498		-	5.775	1		piece
-	I6KLLT110.600	110	598		-	6.260	1		piece

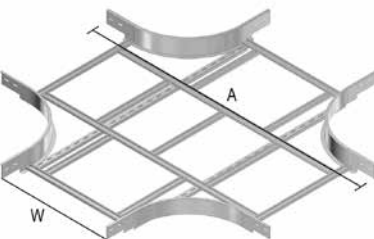
Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
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Minimum number bolts and nuts: 12 pieces.

I6KLLX

Cross-over for I6KLL



Radius	300 mm					
Standard finish	Stainless Steel 316					

W (mm)	150	200	300	400	500	600
A (mm)	1021	1071	1171	1271	1371	1471

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLLX60.150	60	141		-	3.131	1		piece
-	I6KLLX60.200	60	191		-	3.232	1		piece
-	I6KLLX60.300	60	291		-	4.421	1		piece
-	I6KLLX60.400	60	391		-	4.875	1		piece
-	I6KLLX60.500	60	491		-	5.329	1		piece
-	I6KLLX60.600	60	591		-	5.782	1		piece
-	I6KLLX110.200	110	198		-	4.796	1		piece
-	I6KLLX110.300	110	298		-	5.985	1		piece
-	I6KLLX110.400	110	398		-	6.439	1		piece
-	I6KLLX110.500	110	498		-	6.893	1		piece
-	I6KLLX110.600	110	598		-	7.346	1		piece

Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
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Minimum number bolts and nuts: 16 pieces.

I6KLLVB**External riser for I6KLL**

Radius	600 mm
Standard finish	Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLLVB60.150	60	141		-	1.528	1		piece
-	I6KLLVB60.200	60	191		-	1.629	1		piece
-	I6KLLVB60.300	60	291		-	1.830	1		piece
-	I6KLLVB60.400	60	391		-	2.032	1		piece
-	I6KLLVB60.500	60	491		-	2.234	1		piece
-	I6KLLVB60.600	60	591		-	2.435	1		piece
-	I6KLLVB110.200	110	198		-	2.755	1		piece
-	I6KLLVB110.300	110	298		-	2.956	1		piece
-	I6KLLVB110.400	110	398		-	3.158	1		piece
-	I6KLLVB110.500	110	498		-	3.360	1		piece
-	I6KLLVB110.600	110	598		-	3.561	1		piece

Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
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Minimum number bolts and nuts: 8 pieces.

I6KLLSB**Internal riser for I6KLL**

Radius	600 mm
Standard finish	Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLLSB60.150	60	141		-	1.528	1		piece
-	I6KLLSB60.200	60	191		-	1.629	1		piece
-	I6KLLSB60.300	60	291		-	1.830	1		piece
-	I6KLLSB60.400	60	391		-	2.032	1		piece
-	I6KLLSB60.500	60	491		-	2.234	1		piece
-	I6KLLSB60.600	60	591		-	2.435	1		piece
-	I6KLLSB110.200	110	198		-	2.755	1		piece
-	I6KLLSB110.300	110	298		-	2.956	1		piece
-	I6KLLSB110.400	110	398		-	3.158	1		piece
-	I6KLLSB110.500	110	498		-	3.360	1		piece
-	I6KLLSB110.600	110	598		-	3.561	1		piece

Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
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Minimum number bolts and nuts: 8 pieces.

I6KLLVSB

Flexible (rising / low) bend for I6KLL



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLLVSB60.150	60	150		1040	2.746	1		piece
-	I6KLLVSB60.200	60	200		1040	2.842	1		piece
-	I6KLLVSB60.300	60	300		1040	3.038	1		piece
-	I6KLLVSB60.400	60	400		1040	3.230	1		piece
-	I6KLLVSB60.500	60	500		1040	3.422	1		piece
-	I6KLLVSB60.600	60	600		1040	3.614	1		piece
-	I6KLLVSB110.200	110	200		1090	5.129	1		piece
-	I6KLLVSB110.300	110	300		1090	5.325	1		piece
-	I6KLLVSB110.400	110	400		1090	5.517	1		piece
-	I6KLLVSB110.500	110	500		1090	5.709	1		piece
-	I6KLLVSB110.600	110	600		1090	5.901	1		piece

Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
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Minimum number bolts and nuts: 8 pieces.

I6KLLAHV

Vertical branch hook for I6KLL



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLLAHV60	39	16		162	0.100	2		piece
-	I6KLLAHV110	88	16		212	0.230	2		piece

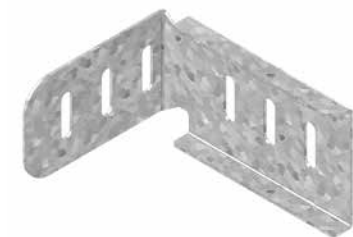
Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
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Minimum number bolts and nuts: 4 pieces.

I6KLLAH

Horizontal branch hook for I6KLL



Standard finish

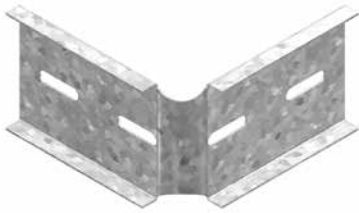
Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLLAH60	39	118		62	0.100	2		piece
-	I6KLLAH110	88	118		111	0.230	2		piece

Fix with:

-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece
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Minimum number bolts and nuts: 4 pieces.

I6KLLDSH**Horizontal hinged joiner for I6KLL**

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	I6KLLDSH60	41	10		200	0.080	6		piece
-	I6KLLDSH110	90	10		200	0.157	6		piece
Fix with:									
-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece

Minimum number bolts and nuts: 4 pieces.

I6KLLDSV**Vertical hinged joiner for I6KLL**

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	I6KLLDSV60	37	12		240	0.160	12		piece
-	I6KLLDSV110	88	12		290	0.380	12		piece
Fix with:									
-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece

Minimum number bolts and nuts: 4 pieces.

I6KLLVS**Reducing plate for I6KLL**

Max. reduction of 300mm

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	I6KLLVS60	37	13		400	0.260	1		piece
-	I6KLLVS110	89	13		500	0.740	1		piece
Fix with:									
-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece

The mounting principle for this product can be found at the end of this chapter.

Minimum number bolts and nuts: 4 pieces.

I6KLLVST

Floor support for I6KLL



Standard finish

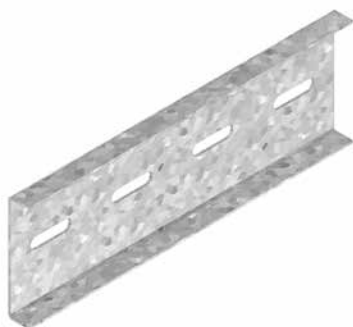
Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLLVST60	37	35		100	0.080	2		piece
-	I6KLLVST110	88	82		100	0.190	2		piece
Fix with:									
-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece

Minimum number bolts and nuts: 2 pieces.

I6KLLKP

Joiner for I6KLL



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLLKP60	41	10		200	0.085	12		piece
-	I6KLLKP110	89	13		400	0.500	12		piece
Fix with:									
-	I6VM6.10	-	-	M6	10	0.008	100	✓	piece

The mounting principle for this product can be found at the end of this chapter.

Minimum number bolts and nuts: 4 pieces.

I6KLLBK

Bracket clamp for I6KLL



For fixing the cable ladder on the wall bracket.
Number: 2 per bracket

Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLLBK25	13	25		-	0.040	20		piece
-	I6KLLBK40	13	40		-	0.098	20	✓	piece

Included: Bolt I6B6.20 and nuts I6RM6

DOPKLL**End cap for KLL**

Color yellow

Standard finish Polyvinyl chloride

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	DOPKLL60	60	30		-	0.016	12		piece
-	DOPKLL110	110	30		-	0.025	12		piece

I6SLOS**Bolt-in partition**

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	📦	Stock	Unit
-	I6SLOS35	35			3000	0.330	3		m
-	I6SLOS60	60			3000	0.510	3		m
-	I6SLOS85	85			3000	0.680	3		m

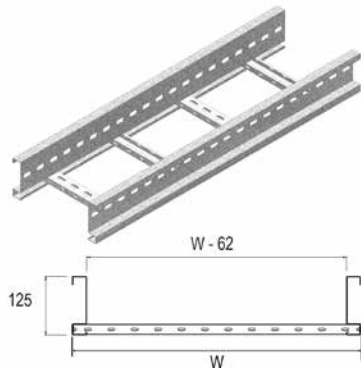
Fix with:

-	I6GM6	-	-	M6	-	0.010	50		piece
-	I6RB6.10	-	-	M6	10	0.004	100		piece

Fixing set: 1 per meter.

I6KLM

Cable ladder height 125



Cable ladder for large support distances up to 8 metres
Perforated C rungs

Usable inner height	102 mm
Rung distance	250 mm (to order : 100 mm - 300 mm, increments of 50 mm)
To order	length 3000 mm or 9000 mm
To order	width 700 - 1200 mm (increments of 100 mm)
Standard finish	Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/m		Stock	Unit
-	I6KLM200	125	218	1.50	6000	6.000	60		m
-	I6KLM300	125	318	1.50	6000	6.320	60		m
-	I6KLM400	125	418	1.50	6000	6.640	60		m
-	I6KLM500	125	518	1.50	6000	6.960	60		m
-	I6KLM600	125	618	1.50	6000	7.280	60		m

Fix with:

-	I6KLMKP	97	25	-	600	1.260	1		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

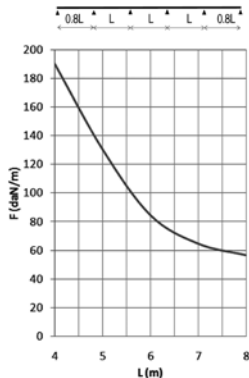
LOAD DIAGRAM

This diagram illustrates the permissible uniformly distributed loads applied to multiple supports. They comply with IEC 61537 with connection in the centre of the span and the end span = 0,8x the span.

F = max. admissible load (daN/m)

L = support distance (m)

Max. deflection (m) = L/200



CHARACTERISTICS

- strong
- useable inner height 102 mm, ideal for large diameter cables
- no further coupling holes are required if the cable ladder is cut
- no joiners are required to attach accessories such as bends, tees etc.
- rungs are perforated to enable efficient attachment of cables
- partition (I6SLOS85) can be fixed to the cable ladder with a sliding nut (I6GM41M6) and pan head bolt (I6RB6.20).

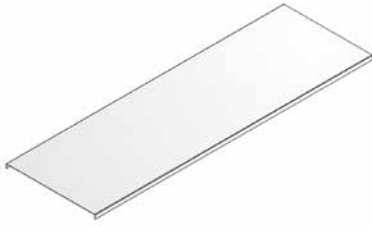
TECHNICAL INFORMATION

Side walls are constructed from S profile with a return flange and are continuously perforated

- C-profile rungs are fixed at 250 mm intervals.
- rungs are mechanically attached to the side wall of the cable ladder.
- rungs are alternately placed with openings upwards and downwards.

I6DIG

Cover



Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	I6DIG200	15	223	0.80	2000	1.850	10		m
-	I6DIG300	15	323	0.80	2000	2.650	10		m
-	I6DIG400	15	423	1.25	2000	4.100	10		m
-	I6DIG500	15	523	1.25	2000	5.050	10		m
-	I6DIG600	15	623	1.25	2000	5.950	10		m

Fix with:

-	I6DKIG	-	-	-	-	0.030	25		piece
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Covers with width > 400 mm are delivered with diagonal reinforcements.

I6DKIG

Cover clamp



Number: 2 pieces per metre.

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	I6DKIG	-			-	0.030	25		piece

Included: Bolt I6B6.30

I6KLMZWABD

Distance bracket cover I6KLM/I6KLZ/I6KLW



Number: 2 pieces per metre.

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	I6KLMZWABD	155	40		34	0.187	4		piece

Fix with:

-	I6DKIG	-	-	-	-	0.030	25		piece
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The mounting principle for this product can be found at the end of this chapter.

I6KLMB

Horizontal bend for I6KLM



Radius 600 mm

Standard finish Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLMB200	125	208		-	6.719	1		piece
-	I6KLMB300	125	308		-	7.592	1		piece
-	I6KLMB400	125	408		-	8.464	1		piece
-	I6KLMB500	125	508		-	9.336	1		piece
-	I6KLMB600	125	608		-	10.210	1		piece

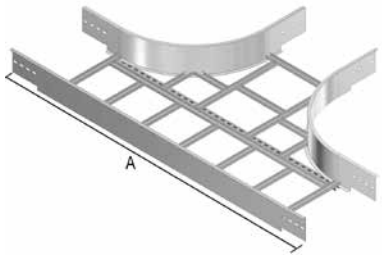
Fix with:

-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 8 pieces.

I6KLMT

T-piece for I6KLM



Radius 600 mm

Standard finish Stainless Steel 316

W (mm)	200	300	400	500	600
A (mm)	1962	2062	2162	2262	2362

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLMT200	125	208		-	11.506	1		piece
-	I6KLMT300	125	308		-	12.433	1		piece
-	I6KLMT400	125	408		-	13.363	1		piece
-	I6KLMT500	125	508		-	14.288	1		piece
-	I6KLMT600	125	608		-	15.215	1		piece

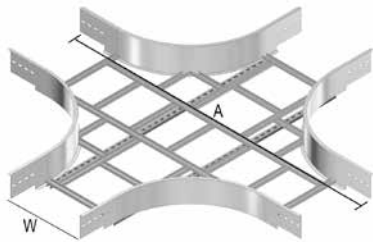
Fix with:

-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 12 pieces.

I6KLMX

Cross-over for I6KLM



Radius	600 mm
Standard finish	Stainless Steel 316

W (mm)	200	300	400	500	600
A (mm)	1962	2062	2162	2262	2362

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLMX200	125	208		-	13.339	1		piece
-	I6KLMX300	125	308		-	16.184	1		piece
-	I6KLMX400	125	408		-	17.302	1		piece
-	I6KLMX500	125	508		-	18.371	1		piece
-	I6KLMX600	125	608		-	19.439	1		piece

Fix with:

-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 16 pieces.

I6KLMVB

External riser for I6KLM



Radius	600 mm
Standard finish	Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLMVB200	125	208		-	5.306	1		piece
-	I6KLMVB300	125	308		-	5.634	1		piece
-	I6KLMVB400	125	408		-	5.963	1		piece
-	I6KLMVB500	125	508		-	6.292	1		piece
-	I6KLMVB600	125	608		-	6.621	1		piece

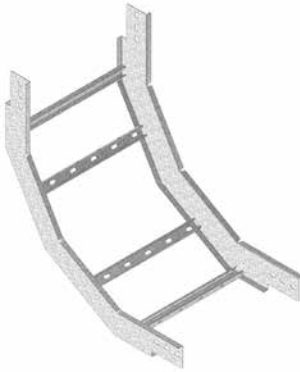
Fix with:

-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 8 pieces.

I6KLMSB

Internal riser for I6KLM



Radius 600 mm

Standard finish Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLMSB200	125	208		-	5.306	1		piece
-	I6KLMSB300	125	308		-	5.634	1		piece
-	I6KLMSB400	125	408		-	5.963	1		piece
-	I6KLMSB500	125	508		-	6.292	1		piece
-	I6KLMSB600	125	608		-	6.621	1		piece

Fix with:

-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 8 pieces.

I6KLMVSB

Flexible (rising / low) bend for I6KLM



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLMVSB200	125	218		1135	9.275	1		piece
-	I6KLMVSB300	125	318		1135	9.595	1		piece
-	I6KLMVSB400	125	418		1135	9.915	1		piece
-	I6KLMVSB500	125	518		1135	10.235	1		piece
-	I6KLMVSB600	125	618		1135	10.559	1		piece

Fix with:

-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 8 pieces.

I6KLMAH

Horizontal branch hook for I6KLM



Slides in the C-opening of the sidewalls .

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLMAH	96	169		125	0.420	2		piece
Fix with:									
-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 4 pieces.

I6KLMAHV

Vertical branch hook for I6KLM



Slides in the C-opening of the sidewalls.

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLMAHV	96	27		265	0.420	2		piece
Fix with:									
-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 3 pieces.

I6KLMDSV

Horizontal hinged joiner for I6KLM

Slides in the C-opening of the sidewalls
Premounted

Standard finish

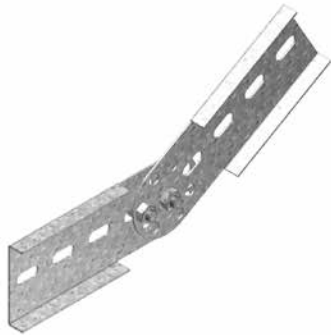
Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLMDSH	96	25		330	0.686	2		piece
Fix with:									
-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 4 pieces.

I6KLMDSH

Vertical hinged joiner for I6KLM



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLMDSV	96	20		434	0.820	2		piece
Fix with:									
-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 4 pieces.

I6KLMVST

Floor support for I6KLM



Slides in the C-opening of the sidewalls .

Standard finish

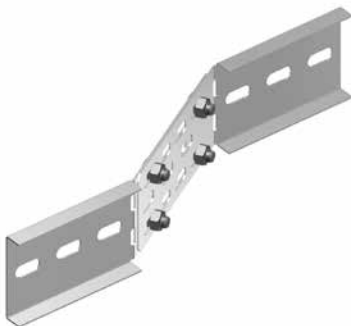
Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLMVST	96	114		150	0.410	2		piece
Fix with:									
-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 2 pieces.

I6KLMVS

Reducing plate for I6KLM



Max. reduction of 300mm

Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLMVS	95	20		500	0.980	1		piece
Fix with:									
-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 4 pieces.

I6KLMZWAB**Distance bracket for I6KLM/I6KLZ/I6KLW**

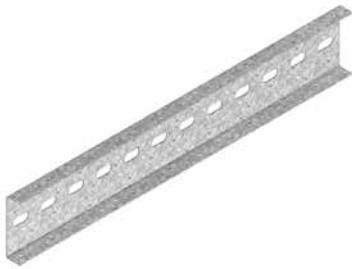
Used for vertical mounting of the cable ladder.

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	I6KLMZWAB	170	50		61	0.304	4		piece
Fix with:									
-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 1 pieces.

I6KLMKP**Joiner for I6KLM**

Slides in the C-opening of the sidewalls.

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	I6KLMKP	97	25		600	1.260	1		piece
Fix with:									
-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RBK12.20	-	-	M12	20	0.052	100		piece

Minimum number bolts and nuts: 4 pieces.

I6KLMZWBK**Bracket clamp for I6KLM/I6KLZ/I6KLW**

For fixing the cable ladder on the wall bracket.

Number: 2 per bracket

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	I6KLMZWBK25	20	25		-	0.051	20		piece
-	I6KLMZWBK40	20	40		-	0.125	20	✓	piece

I6KLMZWBK25: Included: Bolt I6B6.20 and nuts I6RM6

DOPKLM

End cap for KLM



Color

Yellow

Standard finish

Polyvinyl chloride

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	DOPKLM	125	30		-	0.034	12		piece

I6SLOS

Partition



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/m		Stock	Unit
-	I6SLOS85	85			3000	0.680	3		m

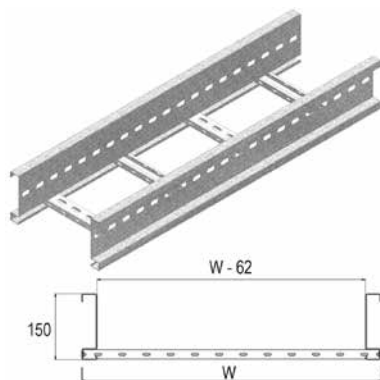
Fix with:

-	I6GM41M6	-	-	M6	-	0.030	50	✓	piece
-	I6RB6.20	-	-	M6	20	0.006	100		piece

Fixing set: 1 per meter.

I6KLZ

Cable ladder height 150



Cable ladder for large support distances
For span distance up to 8 metres
Perforated C rungs

Usable inner height	127 mm
Rung distance	250 mm (to order : 100 mm - 300 mm, increments of 50 mm)
To order	length 3000 mm or 9000 mm
To order	width 700 - 1200 mm (increments of 100 mm)
Standard finish	Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊠	Stock	Unit
-	I6KLZ200	150	218	1.50	6000	7.520	48		m
-	I6KLZ300	150	318	1.50	6000	7.840	48		m
-	I6KLZ400	150	418	1.50	6000	8.160	48		m
-	I6KLZ500	150	518	1.50	6000	8.480	48		m
-	I6KLZ600	150	618	1.50	6000	8.810	48		m

Fix with:

-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece
-	I6KLZKP	121	25	-	600	1.490	1		piece

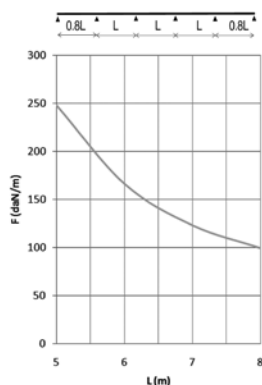
LOAD DIAGRAM

This diagram illustrates the permissible uniformly distributed loads applied to multiple supports. They comply with IEC 61537 with connection in the centre of the span and the end span = 0,8x the span.

F = max. admissible load (daN/m)

L = support distance (m)

Max. deflection (m) = L/200



CHARACTERISTICS

- strong
- useable inner height 127 mm, ideal for large diameter cables
- no further coupling holes are required if the cable ladder is cut
- no joiners are required to attach accessories such as bends, tees etc.
- rungs are perforated to enable efficient attachment of cables
- partition (I6SLOS110) can be fixed to the cable ladder with a sliding nut (I6GM41M6) and pan head bolt (I6RB6.20).

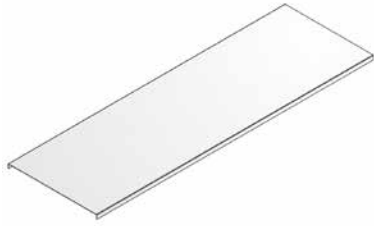
TECHNICAL INFORMATION

Side walls are constructed from S profile with a return flange and are continuously perforated

- C-profile rungs are fixed at 250 mm intervals.
- rungs are mechanically attached to the side wall of the cable ladder.
- rungs are alternately placed with openings upwards and downwards.

I6DIG

Cover



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/m		Stock	Unit
-	I6DIG200	15	223	0.80	2000	1.850	10		m
-	I6DIG300	15	323	0.80	2000	2.650	10		m
-	I6DIG400	15	423	1.25	2000	4.100	10		m
-	I6DIG500	15	523	1.25	2000	5.050	10		m
-	I6DIG600	15	623	1.25	2000	5.950	10		m

Fix with:

-	I6DKIG	-	-	-	-	0.030	25		piece
---	--------	---	---	---	---	-------	----	--	-------

Covers with width > 400 mm are delivered with diagonal reinforcements.

I6DKIG

Cover clips



Number: 2 pieces per metre.

Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6DKIG	-			-	0.030	25		piece

Included: Bolt I6B6.30

I6KLMZWABD

Stand-off bracket for cover



Number: 2 pieces per metre.

Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLMZWABD	155	40		34	0.187	4		piece

Fix with:

-	I6DKIG	-	-	-	-	0.030	25		piece
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I6KLZB**Horizontal bend for I6KLZ**

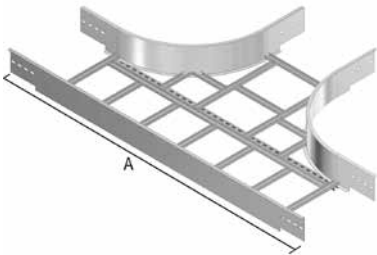
Radius	600 mm
Standard finish	Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLZB200	150	208		-	7.705	1		piece
-	I6KLZB300	150	308		-	8.620	1		piece
-	I6KLZB400	150	408		-	9.543	1		piece
-	I6KLZB500	150	508		-	10.461	1		piece
-	I6KLZB600	150	608		-	11.381	1		piece

Fix with:

-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 8 pieces.

I6KLZT**T-piece for I6KLZ**

Radius	600 mm
Standard finish	Stainless Steel 316

W (mm)	200	300	400	500	600
A (mm)	1962	2062	2162	2262	2362

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLZT200	150	208		-	13.017	1		piece
-	I6KLZT300	150	308		-	13.974	1		piece
-	I6KLZT400	150	408		-	14.931	1		piece
-	I6KLZT500	150	508		-	15.888	1		piece
-	I6KLZT600	150	608		-	16.843	1		piece

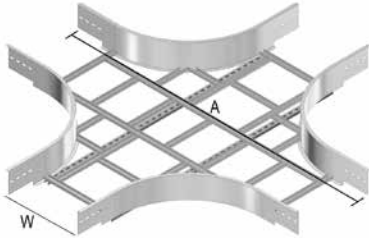
Fix with:

-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 12 pieces.

I6KLZX

Cross-over for I6KLZ



Radius	600 mm
Standard finish	Stainless Steel 316

W (mm)	200	300	400	500	600
A (mm)	1962	2062	2162	2262	2362

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLZX200	150	208		-	15.159	1		piece
-	I6KLZX300	150	308		-	18.004	1		piece
-	I6KLZX400	150	408		-	19.122	1		piece
-	I6KLZX500	150	508		-	20.191	1		piece
-	I6KLZX600	150	608		-	21.259	1		piece

Fix with:

-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 16 pieces.

I6KLZVB

External riser for I6KLZ



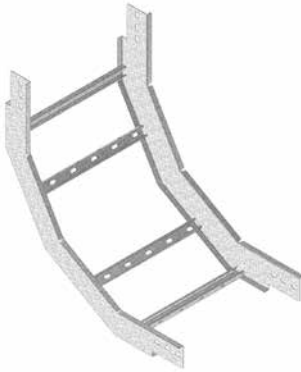
Radius	600 mm
Standard finish	Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLZVB200	150	208		-	6.174	1		piece
-	I6KLZVB300	150	308		-	6.502	1		piece
-	I6KLZVB400	150	408		-	6.831	1		piece
-	I6KLZVB500	150	508		-	7.160	1		piece
-	I6KLZVB600	150	608		-	7.489	1		piece

Fix with:

-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 8 pieces.

I6KLZSB**Internal riser for I6KLZ**

Radius	600 mm
Standard finish	Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLZSB200	150	208		-	6.174	1		piece
-	I6KLZSB300	150	308		-	5.634	1		piece
-	I6KLZSB400	150	408		-	6.831	1		piece
-	I6KLZSB500	150	508		-	7.160	1		piece
-	I6KLZSB600	150	608		-	7.489	1		piece

Fix with:

-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 8 pieces.

I6KLZVSB**Flexible (rising / low) bend for I6KLZ**

Standard finish	Stainless Steel 316
-----------------	---------------------

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLZVSB200	150	218		1135	13.680	1		piece
-	I6KLZVSB300	150	318		1135	14.000	1		piece
-	I6KLZVSB400	150	418		1135	14.320	1		piece
-	I6KLZVSB500	150	518		1135	14.640	1		piece
-	I6KLZVSB600	150	618		1135	14.964	1		piece

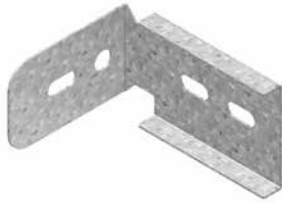
Fix with:

-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 8 pieces.

I6KLZAH

Horizontal branch hook for I6KLZ



Slides in the C-opening of the sidewalls.

Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLZAH	120	169		150	0.830	2		piece
Fix with:									
-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 4 pieces.

I6KLZAHV

Vertical branch hook for I6KLZ



Slides in the C-opening of the sidewalls .

Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLZAHV	120	27		290	0.830	2		piece
Fix with:									
-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 3 pieces.

I6KLZDSH

Horizontal hinged joiner for I6KLZ



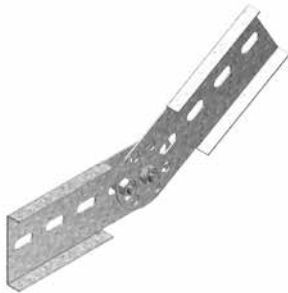
Slides in the C-opening of the sidewalls
Premounted

Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLZDSH	120	25		330	0.800	2		piece
Fix with:									
-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 4 pieces.

I6KLZDSV**Vertical hinged joiner for I6KLZ**

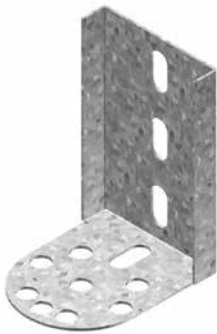
Premounted with B10.20

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLZDSV	120	20		434	1.540	2		piece
Fix with:									
-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 4 pieces.

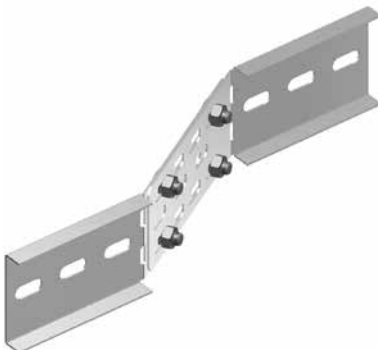
I6KLZVST**Floor support for I6KLZ**

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLZVST	120	125		150	0.770	2		piece
Fix with:									
-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 2 pieces.

I6KLZVS**Reducing plate for I6KLZ**

Max. reduction of 300mm

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6KLZVS	120	20		500	1.260	1		piece
Fix with:									
-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 4 pieces.

I6KLMZWAB

Stand-off bracket



Used for vertical mounting of the cable ladder.

Standard finish

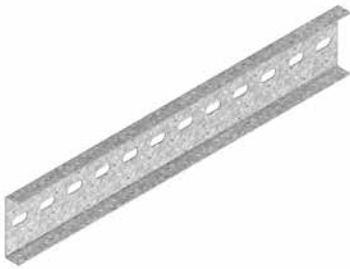
Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLMZWAB	170	50		61	0.304	4		piece
Fix with:									
-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 1 pieces.

I6KLZKP

Joiner for I6KLZ



Slides in the C-opening of the sidewalls

Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLZKP	121	25		600	1.490	1		piece
Fix with:									
-	I6RBK12.20	-	-	M12	20	0.052	100		piece
-	I6M12	-	-	M12	-	0.017	100		piece
-	I6RO12	-	-	12.00	-	0.006	100		piece

Minimum number bolts and nuts: 4 pieces.

I6KLMZWBK

Bracket clamp



For fixing the cable ladder on the wall bracket.
Number: 2 per bracket

Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6KLMZWBK25	20	25		-	0.051	20		piece

I6KLMZWBK25: Included: Bolt I6B6.20 and nuts I6RM6

DOPKLZ**End cap for KLZ**

Color

Yellow

Standard finish

Polyvinyl chloride

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	DOPKLZ	150	30		-	0.038	12		piece

I6SLOS**Partition**

Standard finish

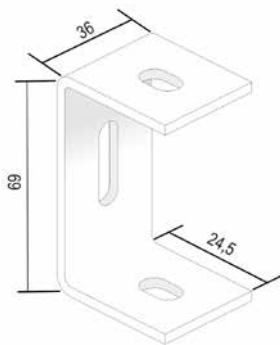
Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	📦	Stock	Unit
-	I6SLOS110	110			3000	0.820	3		m

Fix with:

-	I6GM41M6	-	-	M6	-	0.030	50	✓	piece
-	I6RB6.20	-	-	M6	20	0.006	100		piece

Fixing set: 1 per meter.

I6PB**Ceiling bracket**

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	I6PB	70			-	0.100	20	✓	piece

I4VOMEGA

Joining piece



Standard finish

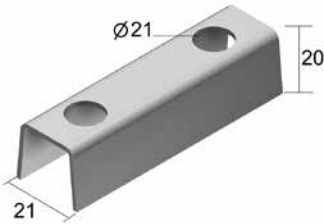
Stainless Steel 304

HD	Reference	 mm	 mm	 mm	 mm	kg/piece		Stock	Unit
-	I4VOMEGA	-			-	0.060	10		piece

For wall mounting 1 piece.
For double mounting 2 pieces, back to back.

I6VOMEGA

Joining piece

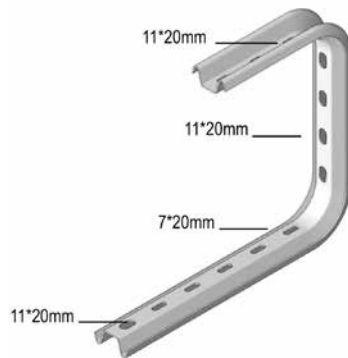


Standard finish

Stainless Steel 316

HD	Reference	 mm	 mm	 mm	 mm	kg/piece		Stock	Unit
-	I6VOMEGA	-			-	0.060	10	✓	piece

For wall mounting 1 piece.
For double mounting 2 pieces, back to back.

I4COMEGA290**Open suspension bracket**

Useful for direct mounting to the ceiling or with threaded rod I6TIM 8 or I6TIM10.

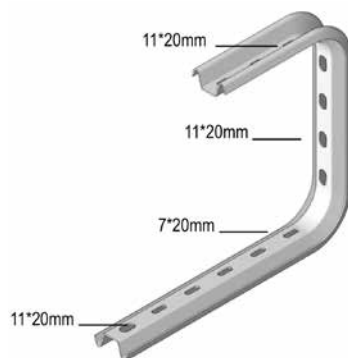
Standard finish

Stainless Steel 304

	Max. load (in daN)
100	70
150	60
200	60
300	50
400	50

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I4COMEGA290.100	290	145		-	0.520	12	✓	piece
-	I4COMEGA290.150	290	195		-	0.560	12	✓	piece
-	I4COMEGA290.200	290	245		-	0.620	12	✓	piece
-	I4COMEGA290.300	290	345		-	0.820	6	✓	piece
-	I4COMEGA290.400	290	445		-	0.930	6	✓	piece

Fixing of the cable tray by I6VM6.20. Use the I4VOMEGA to avoid compression of the profile.

I6COMEGA290**Open suspension bracket**

Useful for direct mounting to the ceiling or with threaded rod I6TIM8 or I6TIM10.

Standard finish

Stainless Steel 316

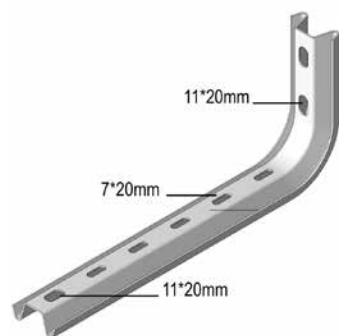
	Max. load (in daN)
100	70
150	60
200	60
300	50
400	50

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6COMEGA290.100	290	145		-	0.520	12	✓	piece
-	I6COMEGA290.150	290	195		-	0.560	12	✓	piece
-	I6COMEGA290.200	290	245		-	0.620	12	✓	piece
-	I6COMEGA290.300	290	345		-	0.820	6	✓	piece
-	I6COMEGA290.400	290	445		-	0.930	6	✓	piece

Fixing of the cable tray by I6VM6.20. Use the I6VOMEGA to avoid compression of the profile.

I4LOMEGA150

Bracket / Ceiling profile



Standard finish

Stainless Steel 304

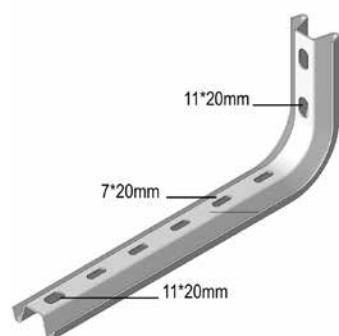
	Max. load (in daN)
100	110
150	100
200	90
300	70
400	50
500	40
600	30

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I4LOMEGA150.100	145	145		-	0.300	12	✓	piece
-	I4LOMEGA150.150	145	195		-	0.320	12	✓	piece
-	I4LOMEGA150.200	145	245		-	0.340	12	✓	piece
-	I4LOMEGA150.300	145	345		-	0.490	6	✓	piece
-	I4LOMEGA150.400	145	445		-	0.540	6	✓	piece
-	I4LOMEGA150.500	145	545		-	0.640	6	✓	piece
-	I4LOMEGA150.600	145	645		-	0.770	6	✓	piece

Use the I4VOMEGA to avoid compression of the profiles.

I6LOMEGA150

Bracket / Ceiling profile



Standard finish

Stainless Steel 316

	Max. load (in daN)
100	110
150	100
200	90
300	70
400	50
500	40
600	30

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6LOMEGA150.100	145	145		-	0.300	12	✓	piece
-	I6LOMEGA150.150	145	195		-	0.320	12	✓	piece
-	I6LOMEGA150.200	145	245		-	0.340	12	✓	piece
-	I6LOMEGA150.300	145	345		-	0.490	6	✓	piece
-	I6LOMEGA150.400	145	445		-	0.540	6	✓	piece
-	I6LOMEGA150.500	145	545		-	0.640	6	✓	piece
-	I6LOMEGA150.600	145	645		-	0.770	6	✓	piece

Use the I6VOMEGA to avoid compression of the profiles.

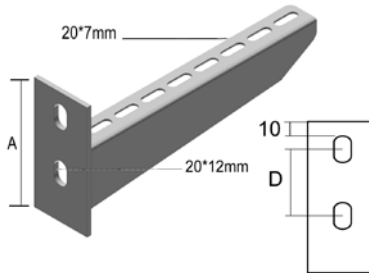
I4WK

Welded bracket

For direct fixing on the wall or on ceiling profiles.

Standard finish

Stainless Steel 304



Width	Max. load (in daN)	A	D
100	360	98	38
150	300	102	42
200	240	106	46
300	250	114	54
400	260	122	62
500	220	130	70
600	180	138	78

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I4WK100	98	117		-	0.300	24		piece
-	I4WK150	102	167		-	0.360	24		piece
-	I4WK200	106	217		-	0.430	24		piece
-	I4WK300	114	317		-	0.730	0		piece
-	I4WK400	122	417		-	0.880	12		piece
-	I4WK500	130	517		-	1.300	6		piece
-	I4WK600	138	617		-	1.600	6		piece

For fixing on the ceiling profile, the necessary fixing set is to be ordered separately : sliding nut I6GM41M10 and bolt I6B10.20.

Max. load (in daN): Uniformly distributed load (UDL) over complete width of cantilever brackets.

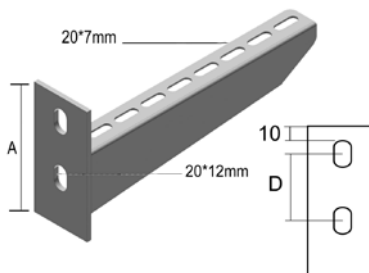
I6WK

Welded bracket

For direct fixing on the wall or on ceiling profiles.

Standard finish

Stainless Steel 316



Width	Max. load (in daN)	A	D
100	360	98	38
150	300	102	42
200	240	106	46
300	250	114	54
400	260	122	62
500	220	130	70
600	180	138	78

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6WK100	98	117		-	0.300	24	✓	piece
-	I6WK150	102	167		-	0.360	24	✓	piece
-	I6WK200	106	217		-	0.430	24	✓	piece
-	I6WK300	114	317		-	0.730	12	✓	piece
-	I6WK400	122	417		-	0.880	12	✓	piece
-	I6WK500	130	517		-	1.300	6	✓	piece
-	I6WK600	138	617		-	1.600	6	✓	piece

For fixing on the ceiling profile, the necessary fixing set is to be ordered separately : sliding nut I6GM41M10 and bolt I6B10.20.

Max. load (in daN): Uniformly distributed load (UDL) over complete width of cantilever brackets.

I6WSU

Universal support bracket



For direct fixing on the wall

Standard finish

Stainless Steel 316

	Max. load (in daN)
100	120
150	120
200	120
250	120
300	120
400	120
500	120
600	120

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6WSU100	60	128		-	0.208	24	✓	piece
-	I6WSU150	66	178		-	0.291	24	✓	piece
-	I6WSU200	73	228		-	0.378	24	✓	piece
-	I6WSU250	79	278		-	0.469	12	✓	piece
-	I6WSU300	85	328		-	0.563	12	✓	piece
-	I6WSU400	98	428		-	0.763	12	✓	piece
-	I6WSU500	110	528		-	0.978	6	✓	piece
-	I6WSU600	122	628		-	1.209	6	✓	piece

Max. load (in daN): uniformly distributed over complete width of cantilever brackets.

I6HSLE

Single ceiling profile



For fixing of brackets on one side.

Profile: I6MP41.21

Welded head plate: 120 x 120 mm

Standard finish

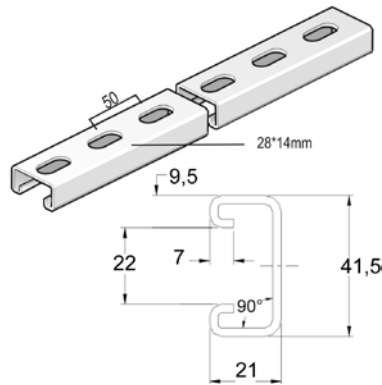
Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6HSLE200	-			200	0.650	1	✓	piece
-	I6HSLE300	-			300	0.770	1	✓	piece
-	I6HSLE400	-			400	0.890	1	✓	piece
-	I6HSLE500	-			500	1.010	1	✓	piece
-	I6HSLE600	-			600	1.130	1	✓	piece
-	I6HSLE800	-			800	1.370	1	✓	piece
-	I6HSLE1000	-			1000	1.610	1	✓	piece
-	I6HSLE1200	-			1200	1.850	1	✓	piece

Use sliding nut I6GM41M10 and hexagonal bolt I6B10.20.

I4MP41.21.250.6S

Assembly profile



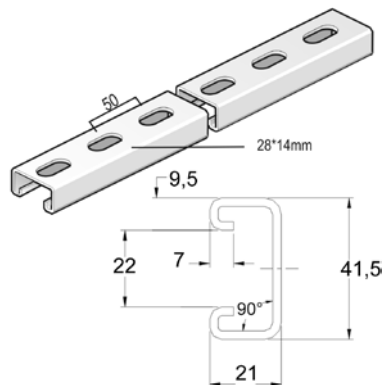
Standard finish

Stainless Steel 304

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	I4MP41.21.250.6S	41	21		6000	1.850	6		m

I6MP41.21.250.6S

Assembly profile



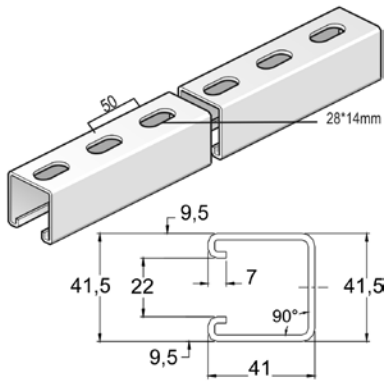
Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	I6MP41.21.250.6S	41	21		6000	1.850	6	✓	m

I4MP41.41.250.6S

Assembly profile



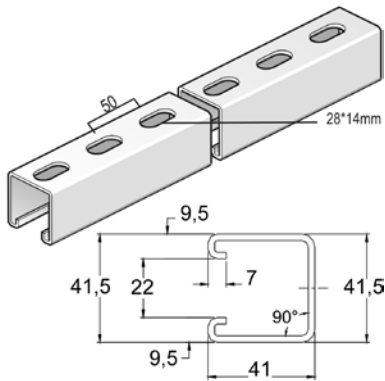
Standard finish

Stainless Steel 304

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	I4MP41.41.250.6S	41	41		6000	2.700	6		m

I6MP41.41.250.6S

Assembly profile



Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	I6MP41.41.250.6S	41	41		6000	2.700	6	✓	m

I6TIM

Threaded rod (DIN 975)



Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	I6TIM6	-		M6	2000	0.175	200	✓	m
-	I6TIM8	-		M8	2000	0.319	200	✓	m
-	I6TIM10	-		M10	2000	0.500	200	✓	m

I6VM**Nut and bolt**

Standard finish

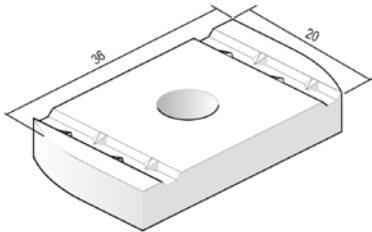
Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6VM6.10	-		M6	10	0.008	100	✓	piece
-	I6VM6.20	-		M6	20	0.009	100	✓	piece

To order per 100 pieces.

I6GM41**Sliding nut for supporting profile**

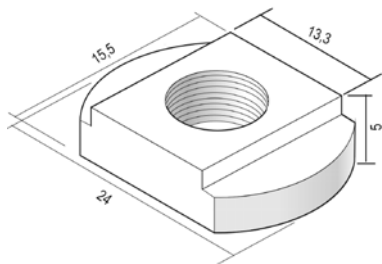
For fixing of the brackets on the ceiling profiles.
To be used for profiles I6MP41.21 and I6MP41.41.



Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6GM41M6	-		M6	-	0.030	50	✓	piece
-	I6GM41M8	-		M8	-	0.030	50	✓	piece
-	I6GM41M10	-		M10	-	0.040	50	✓	piece

I6GM**Sliding nut for supporting profile**

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6GM6	-		M6	-	0.010	50		piece

To order per 50 pieces.

I6RBK

Toothed round head bolt



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6RBK12.20	-		M12	20	0.052	100		piece

To order per 100 pieces.

I6RB

Toothed round head bolt



Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6RB6.10	-		M6	10	0.004	100		piece
-	I6RB6.20	-		M6	20	0.006	100		piece

To order per 100 pieces.

I6RM

Flange nut (DIN 6923)

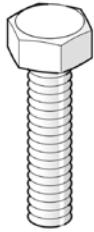


Standard finish

Stainless Steel 316

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	I6RM6	-		M6	-	0.003	100		piece

To order per 100 pieces.

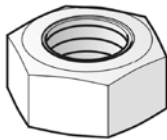
I6B**Bolt (DIN 933)**

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6B6.20	-		M6	20	0.006	100	✓	piece
-	I6B6.30	-		M6	30	0.008	100	✓	piece
-	I6B8.20	-		M8	20	0.012	100	✓	piece
-	I6B8.30	-		M8	30	0.016	100	✓	piece
-	I6B10.20	-		M10	20	0.021	100	✓	piece
-	I6B10.30	-		M10	30	0.027	100	✓	piece
-	I6B12.20	-		M12	20	0.034	100		piece

To order per 100 pieces.

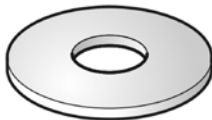
I6M**Nut (DIN 934)**

Standard finish

Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6M6	-		M6	-	0.003	100	✓	piece
-	I6M8	-		M8	-	0.005	100	✓	piece
-	I6M10	-		M10	-	0.010	100	✓	piece
-	I6M12	-		M12	-	0.017	100		piece

To order per 100 pieces.

I6CRO**Flat giant washer (DIN 9021)**

Standard finish

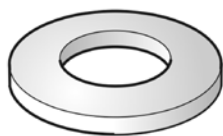
Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	📦	Stock	Unit
-	I6CRO6	-		6.00	-	0.003	100	✓	piece
-	I6CRO8	-		8.00	-	0.006	100	✓	piece
-	I6CRO10	-		10.00	-	0.012	100	✓	piece
-	I6CRO12	-		12.00	-	0.027	100		piece

To order per 100 pieces.

I6RO

Giant washer (DIN 125-1 A)



Standard finish		Stainless Steel 316							
HD	Reference	 mm	 mm	 mm	 mm	kg/piece		Stock	Unit
-	I6R06	-		6.00	-	0.001	100	✓	piece
-	I6R08	-		8.00	-	0.002	100	✓	piece
-	I6R010	-		10.00	-	0.004	100	✓	piece
-	I6R012	-		12.00	-	0.006	100		piece

To order per 100 pieces.

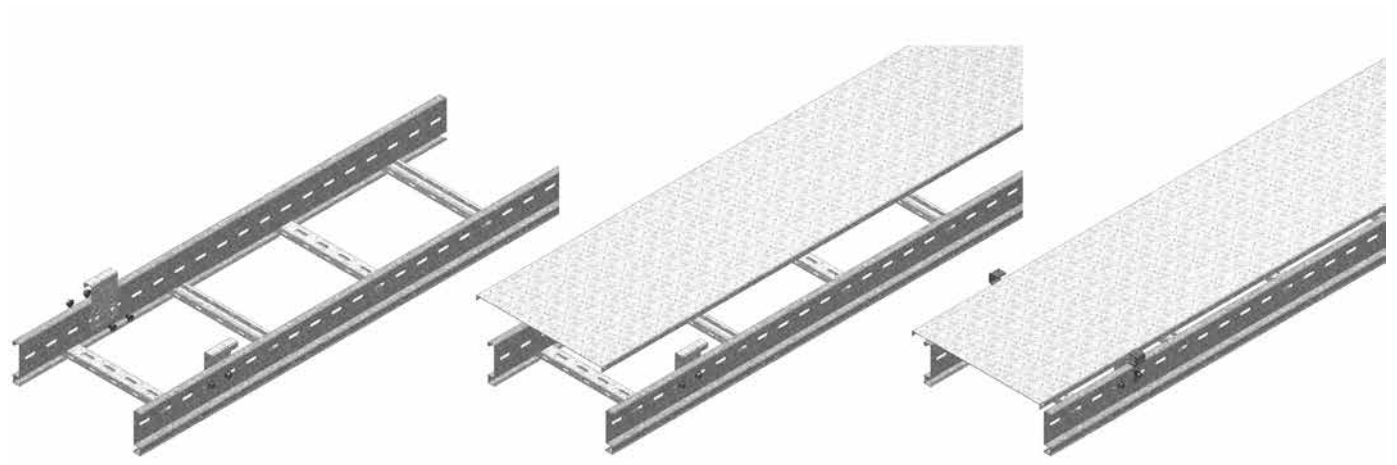
I6KLLDK

Mounting principle



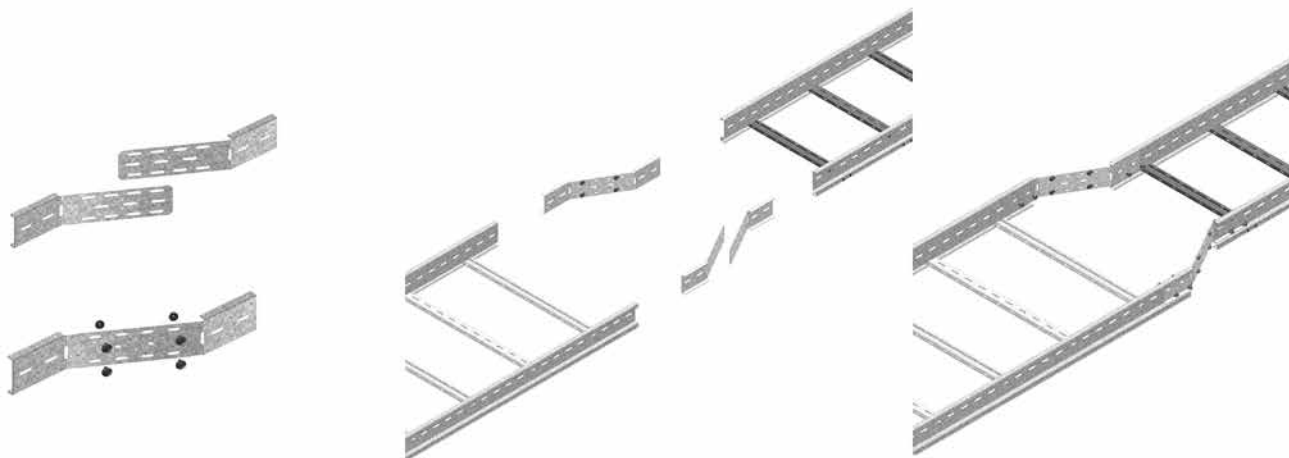
I6KLLABD

Mounting principle



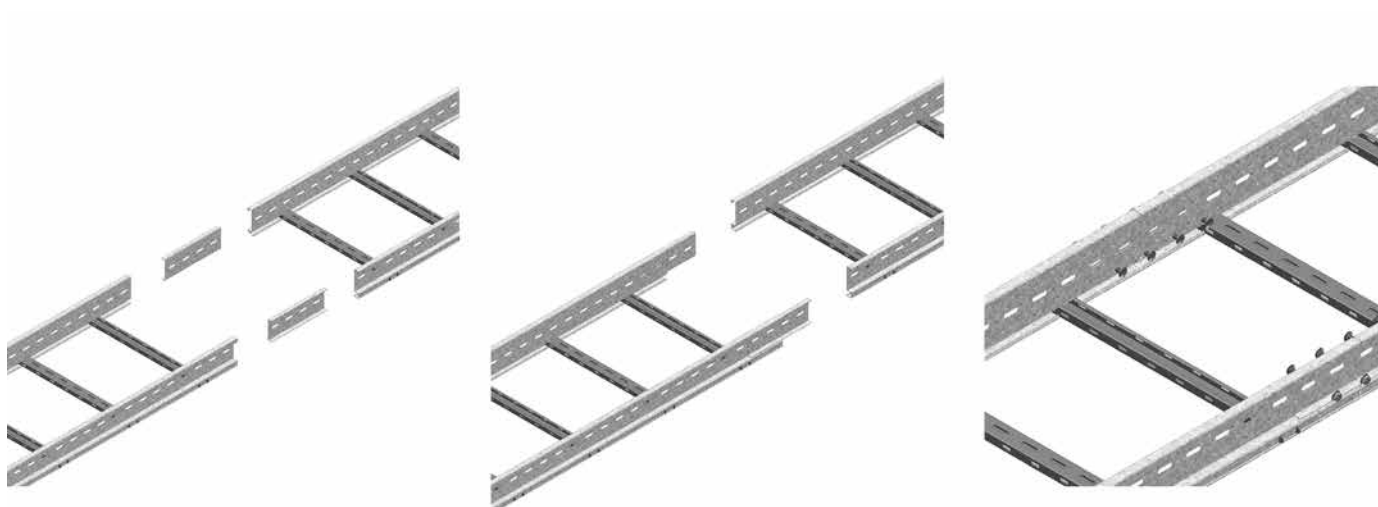
I6KLLVS

Mounting principle



I6KLLKP

Mounting principle



I6KLMZWABD

Mounting principle

