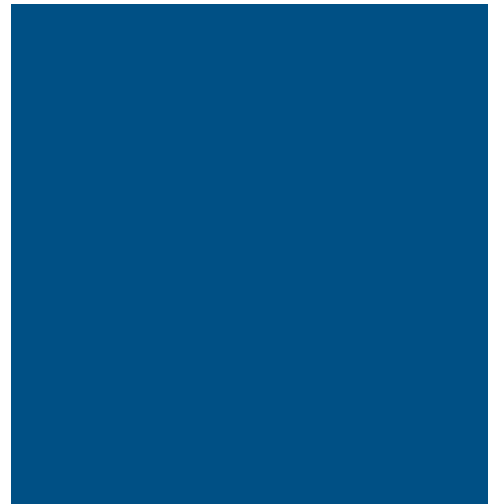
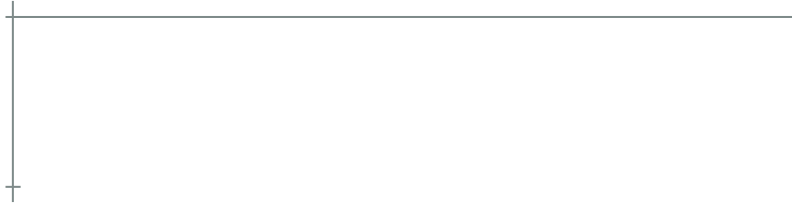
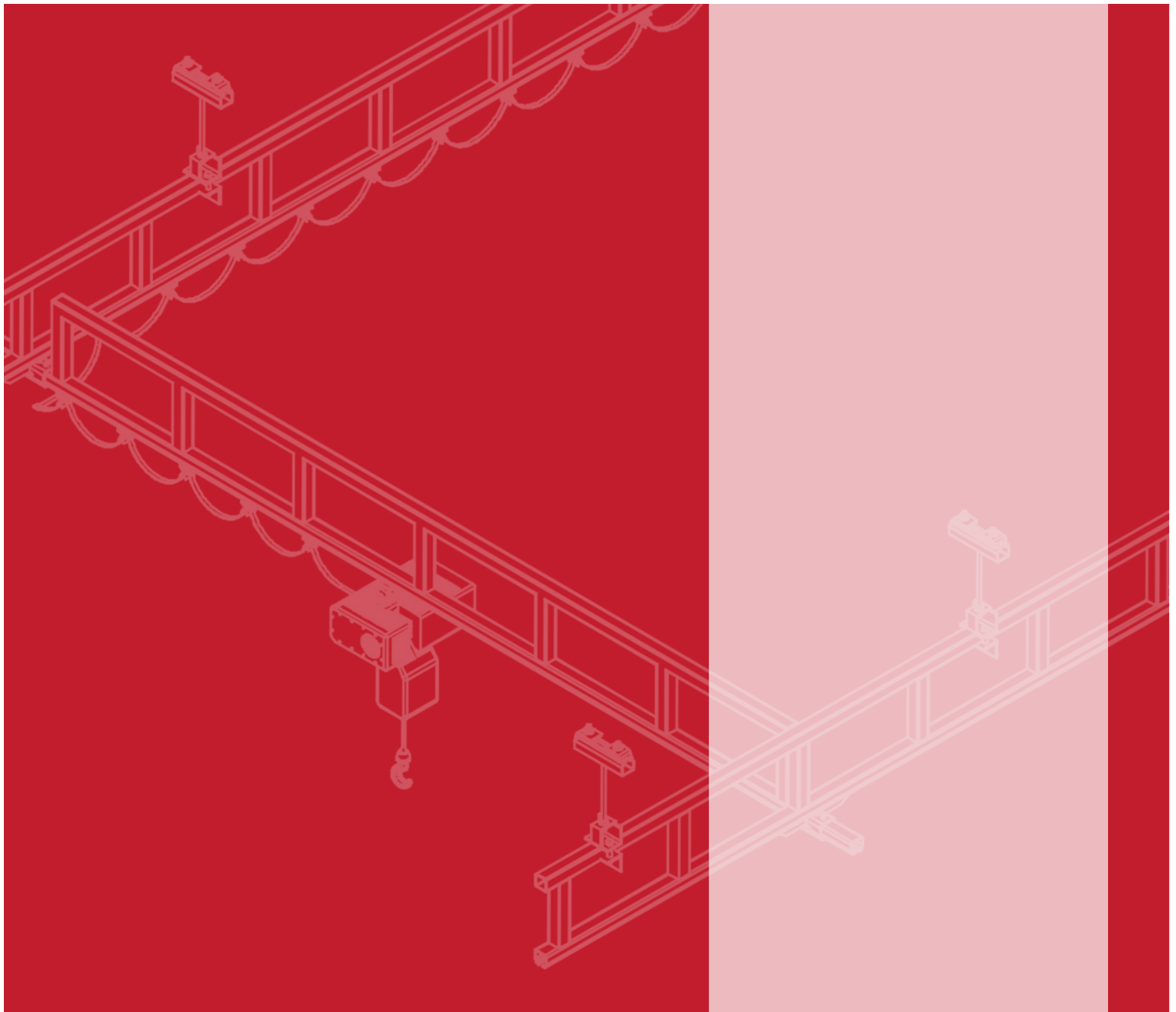




Technical Information Component Specification



Company Profile

Established in 1972, is focused on designing, developing, producing and marketing high quality sliding door fittings light cranes and overhead conveyor systems at the right price.

Over 90 % of our products are exported to more than 60 countries worldwide with offices and warehouses in 7 countries worldwide.

Our product range includes more than 2.000 different assemblies & components. Our team of highly qualified engineers are continually working to improve our current product portfolio & extend it according to market requirements.

NIKO enforces a continuous quality control program and is certified according to ISO:9001 and ISO:14001.

Contents

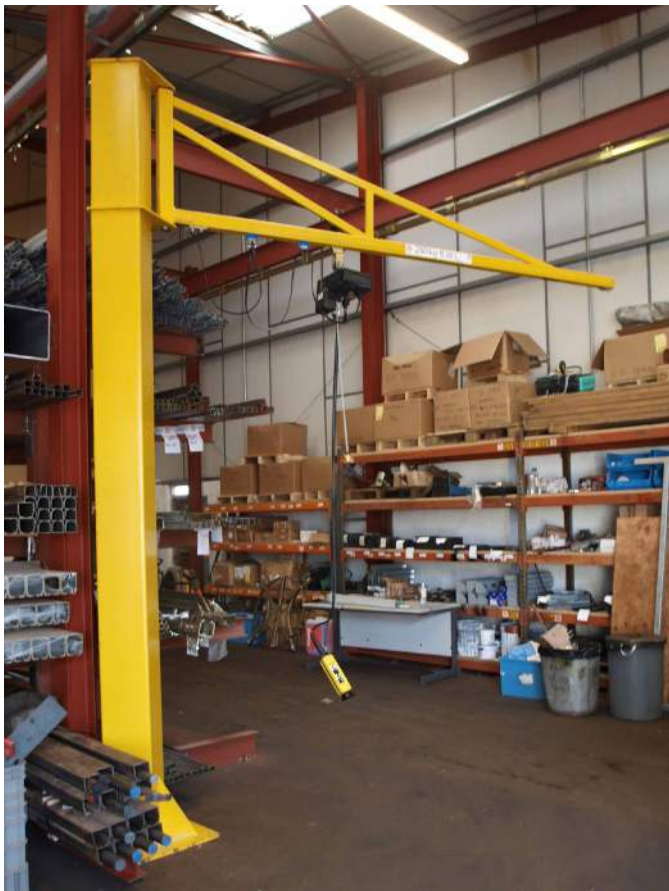
[illegible]

Application Photos



LIGHT CRANE SYSTEMS

Application Photos



LIGHT CRANE SYSTEMS

Light crane systems

We reserve the right for technical amendments without obligation.
The product pictures and drawings depicted in this catalogue
do not always reflect all available sizes.

Version January 2018

Main

- ✓ Loads up to 2500 kg.
- ✓ Bridge spans up to 10 m.
- ✓ Modular design enables modification and relocation.
- ✓ Cost effective.
- ✓ Easy to install using a variety of supporting brackets.
- ✓ Large range of mounting options.
- ✓ Latching capability enables interconnection with existing or new conveyor or monorail systems.
- ✓ Telescopic cranes.
- ✓ Manual or electric travel
- ✓ Freestanding or ceiling mounted cranes.
- ✓ Gold/silver zinc or powder coated finish.
- ✓ Cranes available in stainless steel.

LIGHT CRANE SYSTEMS

[illegible]

Light crane systems

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Version January 2018

Light crane systems

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Version January 2018

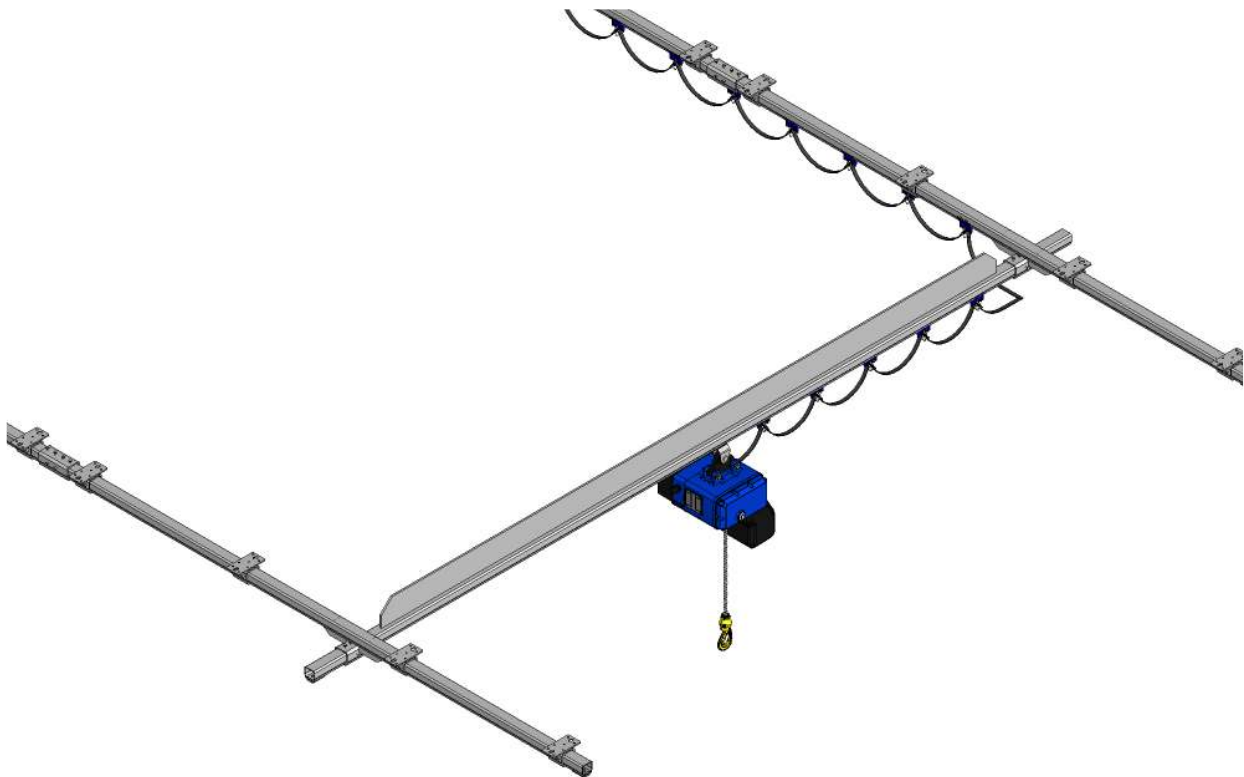


Multiple bridge cranes

LIGHT CRANE SYSTEMS

Stainless steel light crane series 304/316

NIKO stainless steel light cranes are necessary in industries where particulate contamination must be avoided. NIKO stainless steel series 304 is ideal for food and pharmaceutical industries, while NIKO stainless steel series 316 is indicated for offshore applications and chemical industry. Please find details regarding stainless steel components, at pages 58-62.



LIGHT CRANE SYSTEMS

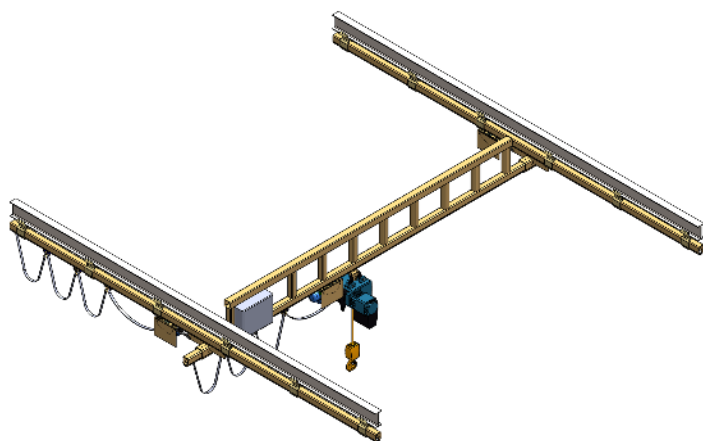
Festoon & conductor options

Power can be brought to the hoist or any other lifting device using festoons or conductor bars.



Internal festoon supply

Typical conductor bar arrangement



Light crane systems

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Version January 2018

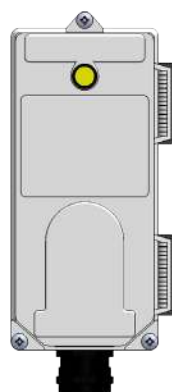
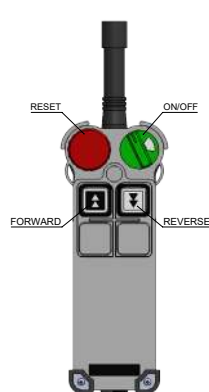


LIGHT CRANE SYSTEMS

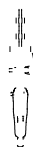
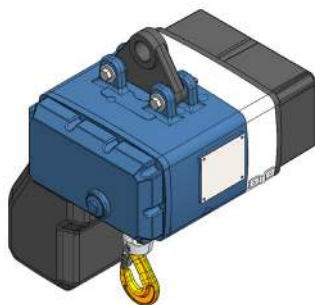
Light crane systems

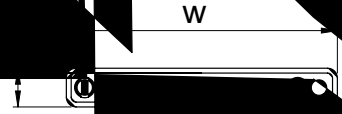
We reserve the right for technical amendments without obligation.
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do not always reflect all available sizes.

NIKO does not wire the control panel and power driven trolleys (supplied with plug-in connections and the pendant control with 4m cable). NIKO will only wire the power driven trolleys if specifically requested by the customer.



X3.726
RADIO REMOTE CONTROL
4D-2 POWER AC 48V-110V.
SET COMPLETE OF
N.1 DOUBLE SPEED 2 BUTTONS + START AND EMS STOP,





Light crane systems

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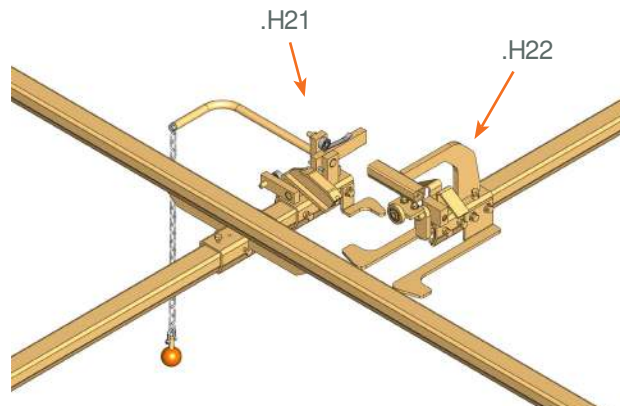
Version January 2018

Telescopic monorail and cranes

Interlocks

Interlocks are used to connect a crane with another crane or an extended conveyor system. The load carrying trolley is transferred safely from one system to the other.

Interlock with built-in safety device (.H21/.H22)



Interlock with externally safety plate (.H01/.H02)

Manipulator

Conveyor systems

LIGHT CRANE SYSTEMS



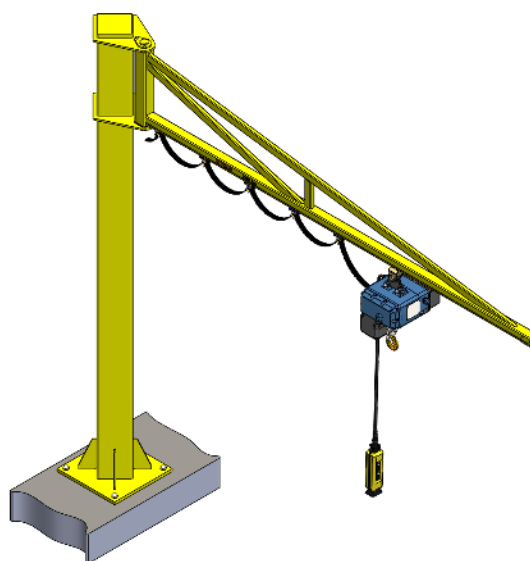
cranes

r-braced (OB) Profile Jib cranes

Profile Jib cranes are braced above the NIKO track profile. This type of jib provides the most free run-
nel along the arm and therefore is generally the easiest type for the operator to use.
(Stainless steel jib cranes are available upon request).

Freestanding Jib crane

Freestanding jib cranes are supplied in kit form and comprise of 2 main parts: the pillar and the arm.
Pillars are designed and fabricated to suspend the required jib arm type. The arm is fixed to the column
pivot pin. The arm then rotates around the pillar and enables lifting within a predetermined arc.



LIGHT CRANE SYSTEMS

* Columns are available up to 5 metres upon request.

Light crane systems

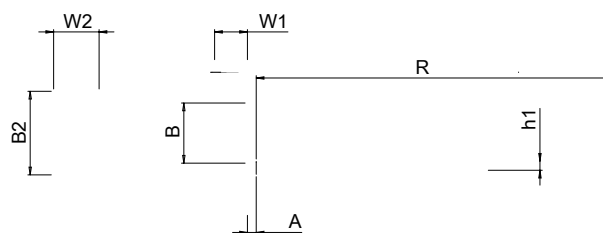
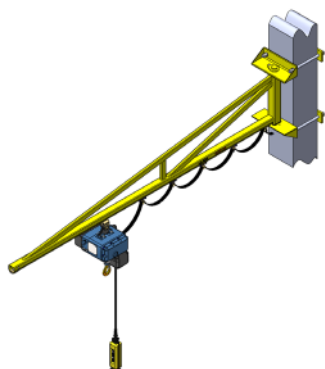
We reserve the right for technical amendments without obligation.
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Version January 2018

Clamp around Column Mounted Jib Cranes

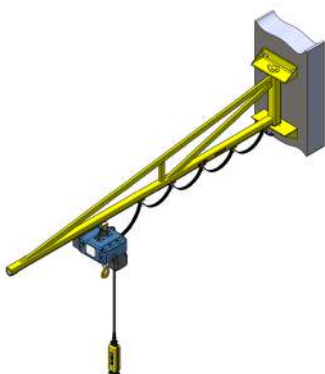
www.niko.eu.co

NIKO column mounted jib cranes comprise of an arm and a pair of brackets that can be clamped around an existing building column/stanchion/pillar. The support structure must be tested by a structural engineer to ensure it is strong enough to sustain the weight of the jib when loaded. The arm is then located between the pair of clamping brackets and fixed using a pivot pin. The arm then rotates around the support column and enables lifting within a predetermined arc. Anti-slip measures must be taken to ensure that the jib crane cannot slip down the support column.



Wall Mounted Jib crane

NIKO wall mounted jib cranes comprise of an arm and a pair of brackets that can be bolted or welded to an existing wall or building column/stanchion/pillar. The support structure must be tested by a structural engineer to ensure it is strong enough to sustain the weight of the jib when loaded. The arm is then located between the pair of clamping brackets and fixed using a pivot pin. The arm then rotates around the support column and enables lifting within a predetermined arc.



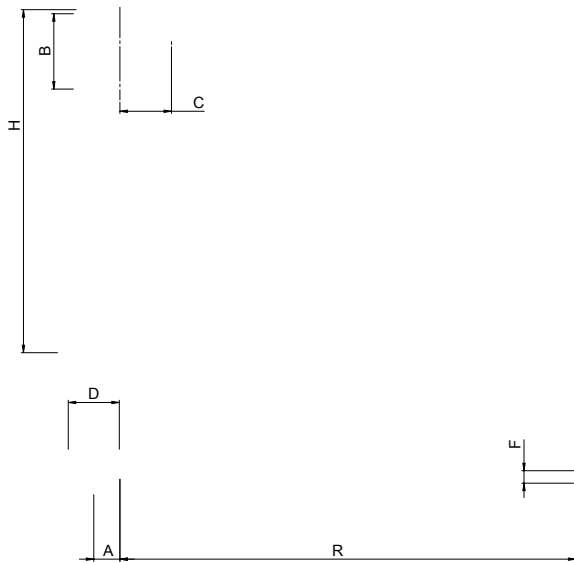
Under-braced (UB) I-beam Jib cranes

I-Beam Jib Cranes are generally used when powered travel is required along the arm. Under-braced I-beam jib cranes, are braced below the arm onto the underside of an I-beam. These are the lowest headroom variation and therefore are normally used in areas where headroom is limited.

(Stainless steel jib cranes are available upon request).

Freestanding Jib crane

www.niko.eu.co

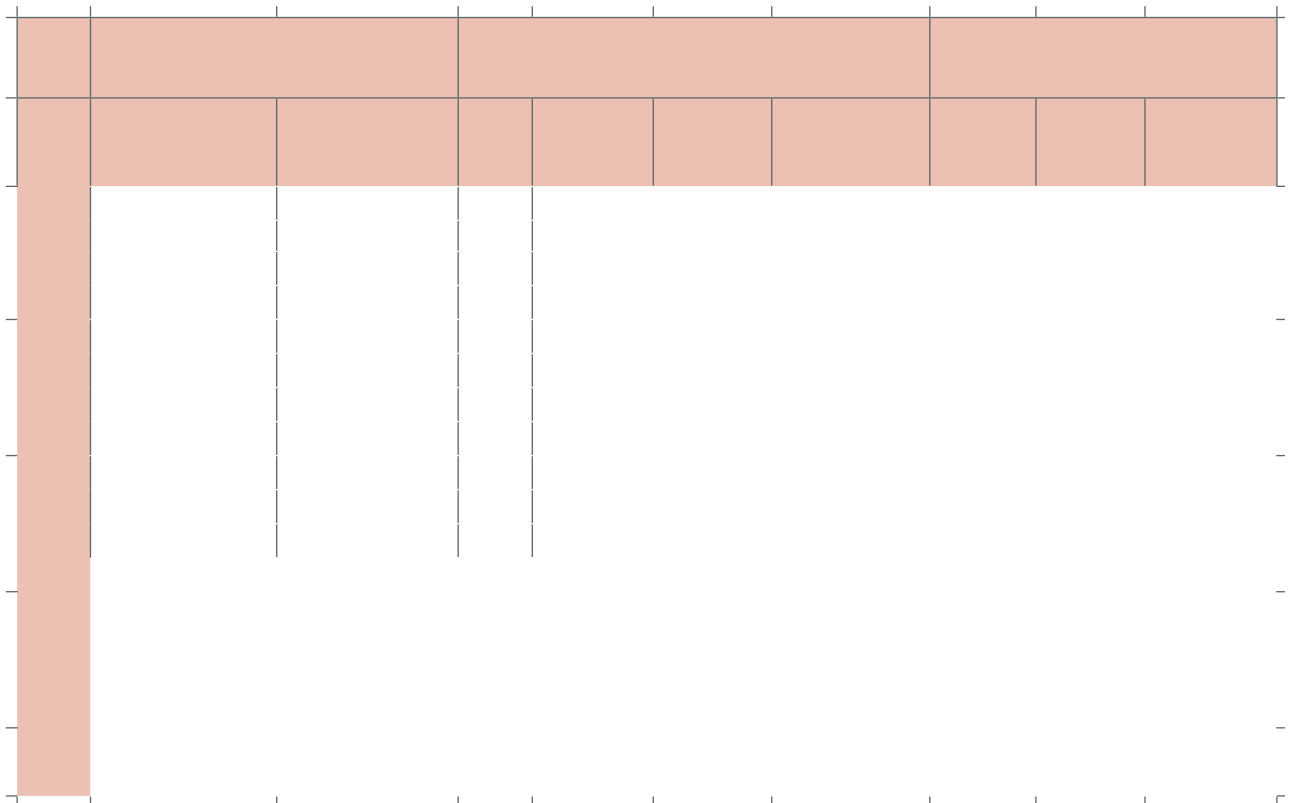


B. Clamp around Column Mounted Jib Cranes

C. Wall Mounted Jib crane

www.hiko.eu.co

LIGHT CRANE SYSTEMS



Light crane systems

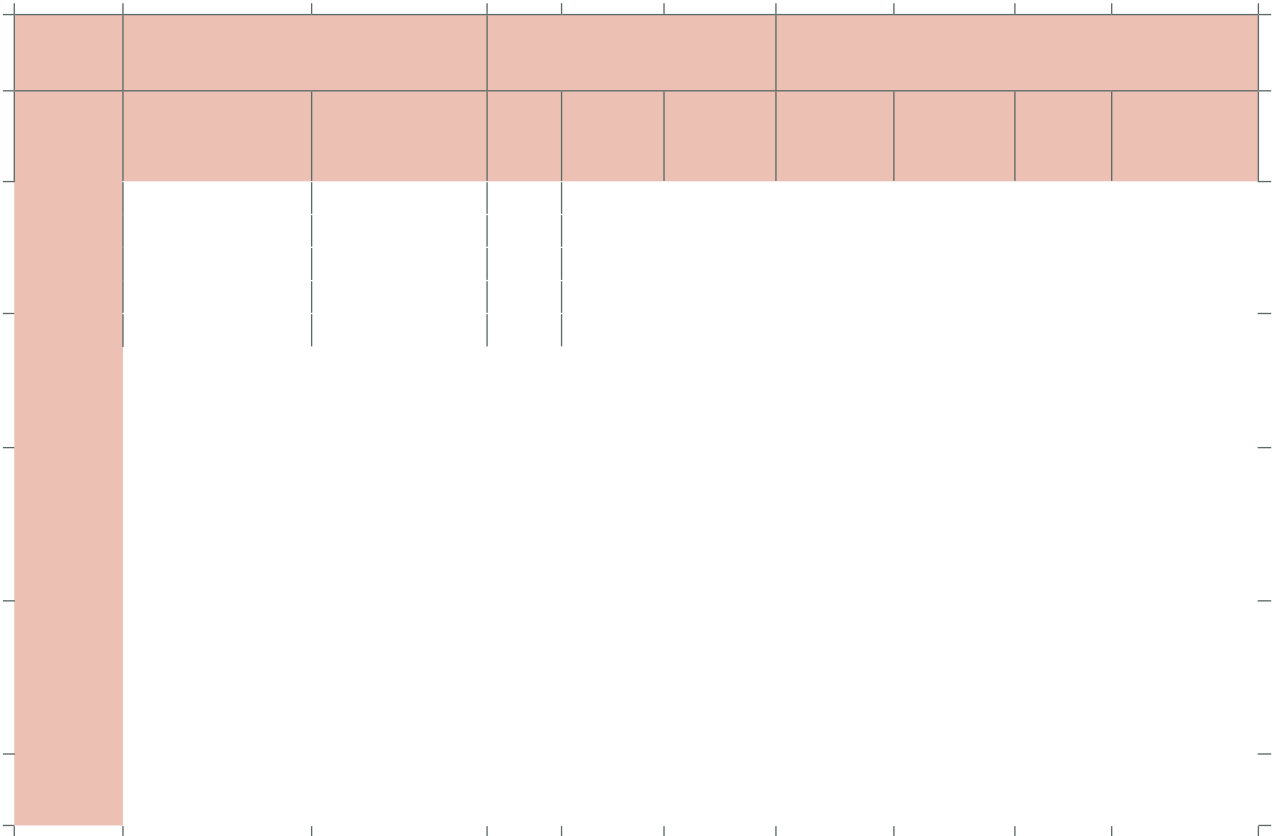
We reserve the right for technical amendments without obligation.
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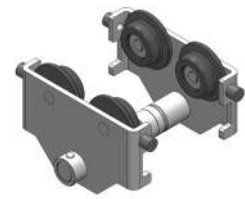
Version January 2018

A. Freestanding Jib crane

C. Wall Mounted track Jib crane

LIGHT CRANE SYSTEMS





Light crane systems

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do not always reflect all available sizes.

Our wide range of 5 Track profile sizes can accommodate loads up to 2.000 kg. The NIKO enclosed track tapered design allows correct alignment of the trolleys and reduces the possibility of dust build up. This ensures the smooth running of the trolleys and the long life of the crane. NIKO light cranes require only 1-4% force of the weight being lifted in order to operate. For use in aggressive environments we can perete. For use in aggressive envq(ell)010 0 0 10being lifted in order to

NIKO Profile No.	Dimensions			
	h (mm)	b (mm)	d (mm)	s (mm)
21.000	28.00	30.00	8.00	1.75
23.000	35.00	40.00	11.00	2.75
24.000	43.50	48.50	15.00	3.20
25.000	60.00	65.00	18.00	3.60
26.000	75.00	80.00	22.00	4.50
27.000	110.00	90.00	25.00	6.50

Reinforced track with welded steel plate

In order to increase the bridge span and the supporting distances of the profiles we have developed 3 types of reinforced tracks. Reinforced track with welded spine is a cost effective solution for relatively short spans or supporting distances. The welded spine reinforcement is also recommended for low head room requirement due to the low height of the spine.

Reinforced track with welded square profiles (AKA trussed, trellis or ladder type)

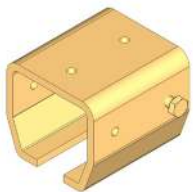
NIKO Profile No.	24.000	25.000	26.000		27.000		
Part No.	24.045	25.045	26.045	26.045	27.045		

Splice joint

.B49

The track sections are joined using the track joint by tightening the top screws first then aligning the profiles by means of the side screws.

NIKO Profile No.	21.000	23.000	24.000	25.000	26.000	27.000
Part No.	21.B49	23.B49	24.B49	25.B49	26.B49	27.B49
L (mm)	85	120	150	180	200	250
H (mm)	36	44	54	75	94	133



Split support bracket

.B03

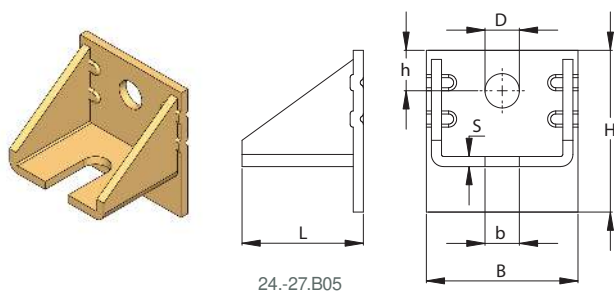
NIKO Profile No.	21.000	23.000	24.000	25.000	26.000	27.000
Part No.	21.B03	23.B03	24.B03	25.B03	26.B03	27.B03

LIGHT CRANE SYSTEMS

Adjustable wall bracket

.B05

This is used in combination with the .B04 adjustable bracket and it usually mounted on the wall.

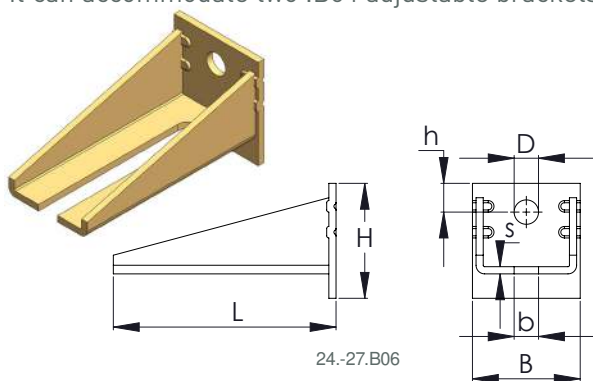


NIKO Profile No.	21.000	23./ 24.000	25./ 26.000
Part No.	21.B05	24.B05	26.B05
B (mm)	50	75	90
H (mm)	40	80	110
L (mm)	49	60	98
s (mm)	5	5	8
b (mm)	10.5	17	21
D (mm)	13	17	18
h (mm)	15	20	26

Double adjustable wall bracket

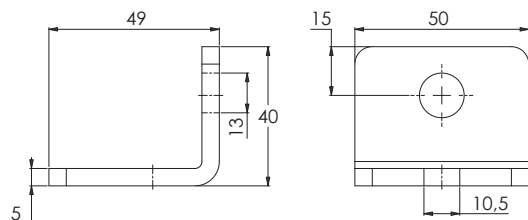
.B06

It can accommodate two .B04 adjustable brackets.

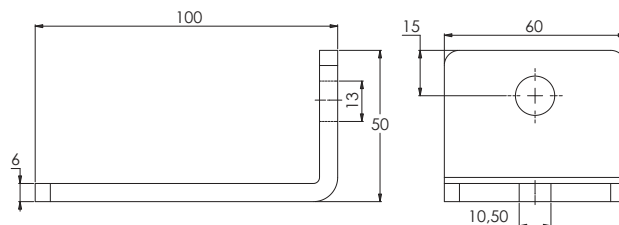


NIKO Profile No.	21.000	23./ 24.000	25.000	26.000	27.000
Part No.	21.B06	24.B06	25.B06	26.B06	27.B06
B (mm)	60	75	90	90	90
H (mm)	50	80	110	110	110
h (mm)	15	20	26	26	26
L (mm)	100	155	208	208	208
s (mm)	6	5	8	8	8
b (mm)	10.5	17	21	21	32
D (mm)	13	17	18	18	22

21.B05



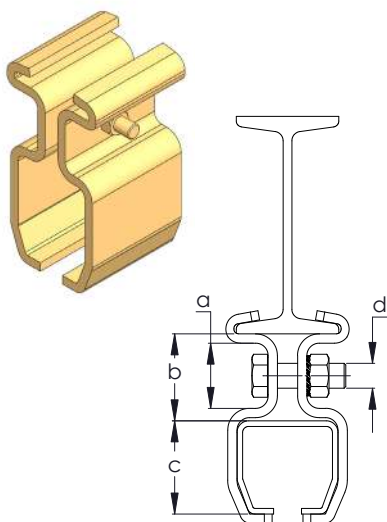
21.B06



Split suspension bracket

.B08/.B26

This bracket is used for mounting directly to the underside flange of a parallel I beam.



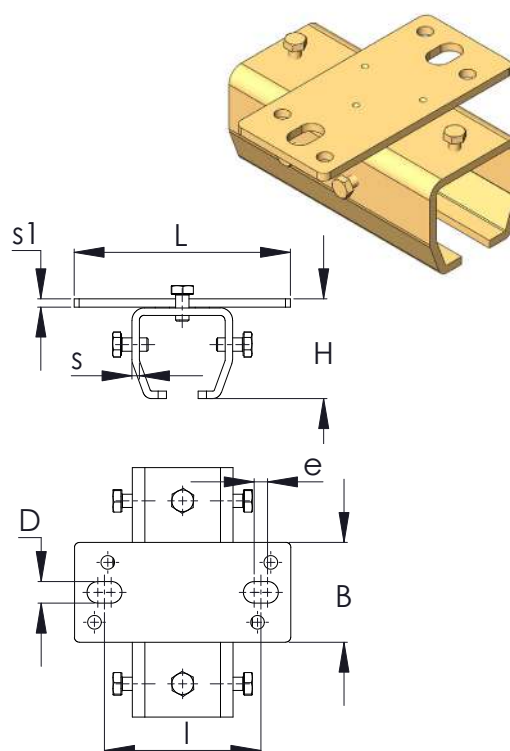
NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Dimension a in mm.	25	25	42	45	66
Dimension b in mm.	34	34	56	63	90
Dimension c in mm.	35	43.5	60	75	110
Dimension d in mm.	9 Φ	9 Φ	17 Φ	17 Φ	17 Φ
Screw type	M8x30	M8x30	M16x50	M16x50	M16x50
Material	50x4	50x4	90x6	110x8	120x10
Split Suspension Bracket Joist IPN DIN 1025					
For IPN 80x42 (IPE 80)	23.B08	24.B08			
For IPN 100x50 (IPE 80)	23.B10	24.B10	25.B10		
For IPN 120x58 (IPE 100)	23.B12	24.B12	25.B12		
For IPN 140x66 (IPE 120)	23.B14	24.B14	25.B14		
For IPN 160x74 (IPE 140)		24.B16	25.B16	26.B16	
For IPN 180x82 (IPE 160)		24.B18	25.B18	26.B18	
For IPN 200x90 (IPE 180)		24.B20	25.B20	26.B20	27.B20
For IPN 220x98 (IPE 200)			25.B22	26.B22	27.B22
For IPN 240x106 (IPE 220)			25.B24	26.B24	27.B24
For IPN 260x113 (IPE 240)			25.B26	26.B26	27.B26

Ceiling support / Splice joint

.B30

This is a combination of a ceiling support and a splice joint.

NIKO Profile No.	21.000	23.000	24.000	25.000	26.000	27.000
Part No.	21.B30	23.B30	24.B30	25.B30	26.B30	27.B30
L (mm)	90	115	130	171	210	260
H (mm)	39	50	60	81	104	145
s (mm)	3	4	4.5	6	8	10
B (mm)	40	50	60	80	100	120
e (mm)	7	8	8	10	12	23.5
l (mm)	64	81	94	124	148	178.5
D (mm)	8	11	13	17	22	22
s1 (mm)	3	4	5	6	10	12



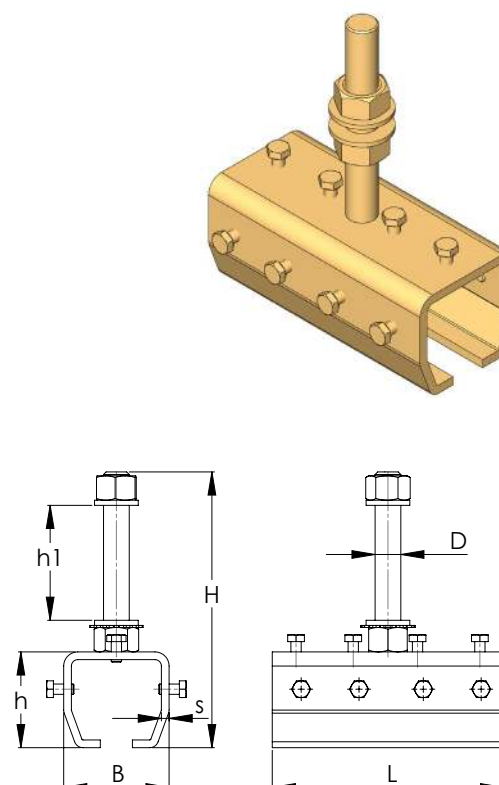
LIGHT CRANE SYSTEMS

Height adjustable support / Splice joint

.B11

This is a combination of a height adjustable bracket and a splice joint.

NIKO Profile No.	21.000	23.000	24.000	25.000	26.000	27.000
Part No.	21.B11	23.B11	24.B11	25.B11	26.B11	27.B11
B (mm)	38	50	61	81	100	116
H (mm)	100	135	146	215	295	348
D (mm)	M10	M16	M16	M20	M20	M30
L (mm)	85	120	150	180	200	250
h (mm)	36	44	54	75	94	133
h1 max (mm)	32	50	55	93	140	140
s (mm)	3	4	4.5	6	8	10



Light crane systems

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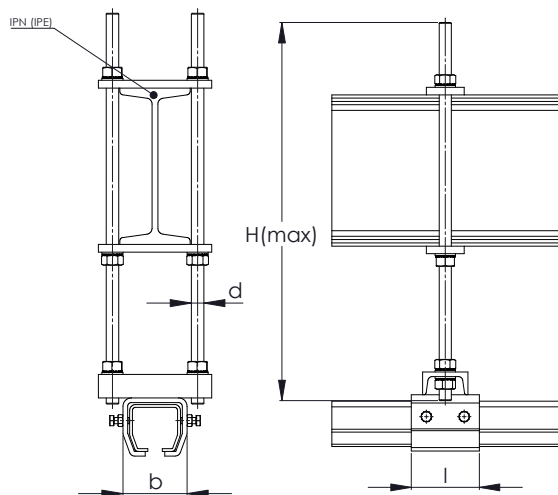
Version January 2018

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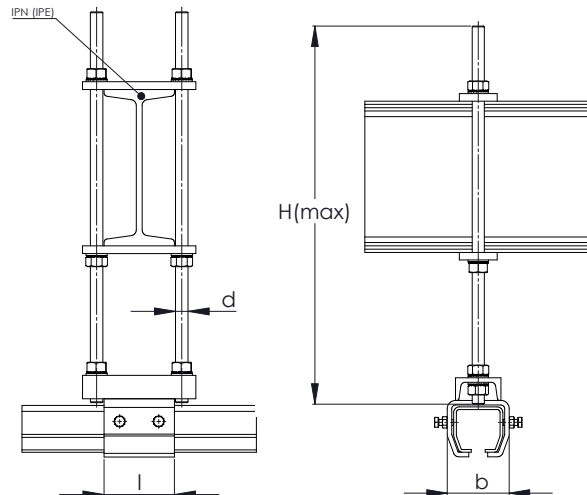
33

Height adjustable bracket IPN DIN 1025 .B55/.B56

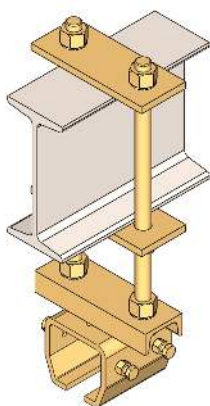
.B55
parallel to the I-beam



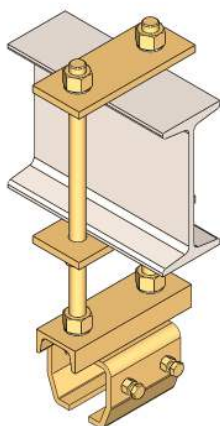
.B56
vertical to the I-beam



.B55



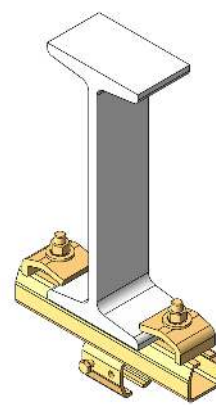
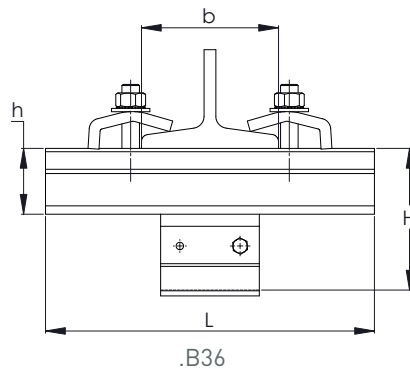
.B56



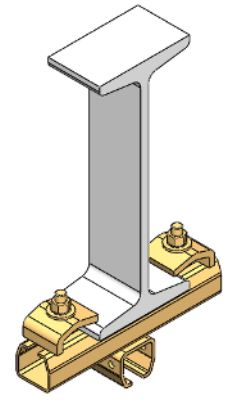
NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Bracket No. for IPN 80 (IPE 80)	23.B55.080	24.B55.080			
	23.B56.080	24.B56.080			
Bracket No. for IPN 100 (IPE 80)	23.B55.100	24.B55.100	25.B55.100		
	23.B56.100	24.B56.100	25.B56.100		
Bracket No. for IPN 120 (IPE 100)	23.B55.120	24.B55.120	25.B55.120		
	23.B56.120	24.B56.120	25.B56.120		
Bracket No. for IPN 140 (IPE 120)	23.B55.140	24.B55.140	25.B55.140		
	23.B56.140	24.B56.140	25.B56.140		
Bracket No. for IPN 160 (IPE 140)		24.B55.160	25.B55.160	26.B55.160	
		24.B56.160	25.B56.160	26.B56.160	
Bracket No. for IPN 180 (IPE 160)		24.B55.180	25.B55.180	26.B55.180	
		24.B56.180	25.B56.180	26.B56.180	
Bracket No. for IPN 200 (IPE 180)		24.B55.200	25.B55.200	26.B55.200	27.B55.200
		24.B56.200	25.B56.200	26.B56.200	27.B56.200
Bracket No. for IPN 220 (IPE 200)			25.B55.220	26.B55.220	27.B55.220
			25.B56.220	26.B56.220	27.B56.220
Bracket No. for IPN 240 (IPE 220)			25.B55.240	26.B55.240	27.B55.240
			25.B56.240	26.B56.240	27.B56.240
Bracket No. for IPN 260 (IPE 240)			25.B55.260	26.B55.260	27.B55.260
			25.B56.260	26.B56.260	27.B56.260
b (mm)	50	61	81	100	116
l (mm)	56	68	90	110	120
H max (mm)	500	500	500	500	500
d (mm)	M12	M16	M16	M20	M20

Adjustable joist clamp with support bracket (Parallel and 90° to the I-beam)

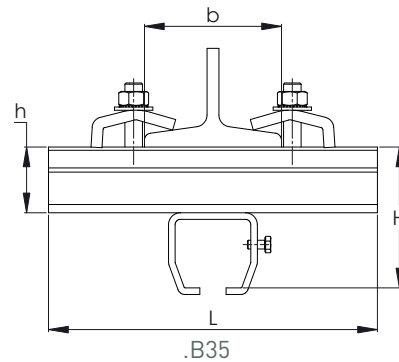
.B35/.B36



90° to the I-beam



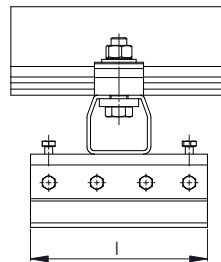
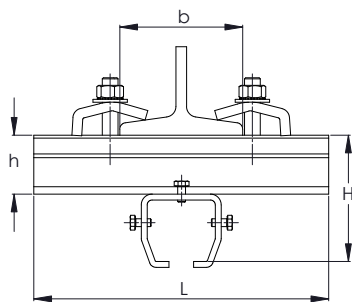
Parallel to the I-beam



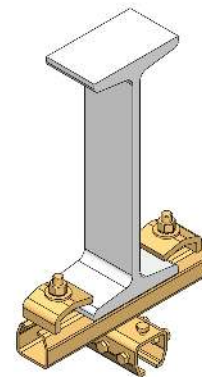
NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.B35	24.B35	25.B35	26.B35	27.B35
Part No.	23.B36	24.B36	25.B36	26.B36	27.B36
H (mm)	85	94	129	146	199
L (mm)	250	250	300	300	330
b max (mm)	150	150	175	175	205
h (mm)	43.5	43.5	60	60	75

Adjustable joist clamp with splice joint (Parallel and 90° to the I-beam)

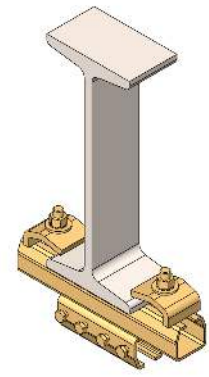
.B71/.B72



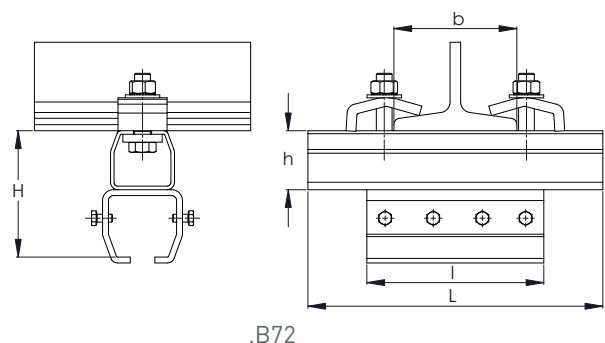
.B71



Parallel to the I-beam



90° to the I-beam



NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.B71	24.B71	25.B71	26.B71	27.B71
Part No.	23.B72	24.B72	25.B72	26.B72	27.B72
H (mm)	85	94	129	146	199
h (mm)	43.5	43.5	60	60	75
l (mm)	120	150	180	200	250
L (mm)	250	250	300	300	330
b max (mm)	150	150	175	175	205

Light crane systems

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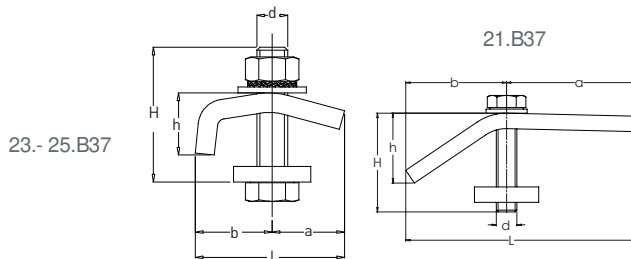
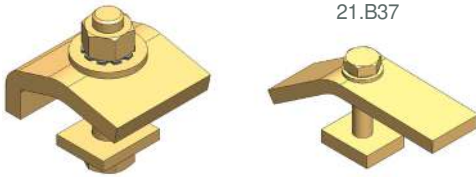
I-Beam girder clamp

.B37

This item is used for clamping the adjustable suspension bracket to the support steelwork and is supplied with a bolt and square nut.

23.- 25.B37

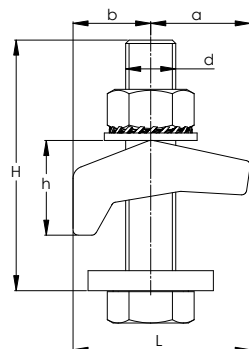
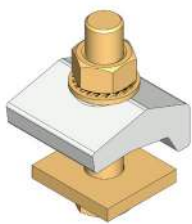
21.B37



NIKO Profile No.	21.000	23./ 24.000	25./ 26.000
Part No.	21.B37	23.B37	25.B37
l (mm)	90	62	80
a (mm)	50	30	40
b (mm)	40	32	40
h (mm)	26	24	30
d (mm)	M8	M12	M16
H (mm)	40	60	70

Girder clamp (heavy duty)

.Z37

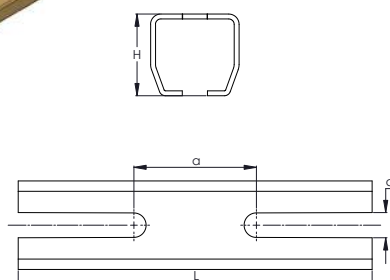
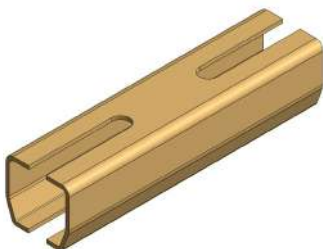


NIKO Profile No.	21.000	23./ 24.000	25./ 26.000	27.000
Part No.	21.Z37	23.Z37	25.Z37	27.Z37
H (mm)	50	60	70	100
a (mm)	20	24	32	40
b (mm)	16	19	25	31
d (mm)	M10	M12	M16	M20
h (mm)	20	23	30	38
L (mm)	36	43	57	71

Adjustable suspension bracket

.B38

These brackets are designed to accommodate variations in support steelwork distances relative to the track level. They are normally used in conjunction with the split support brackets.



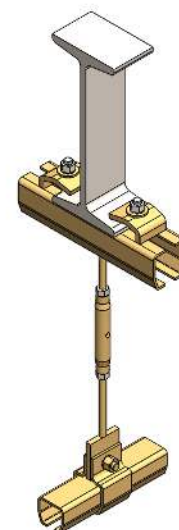
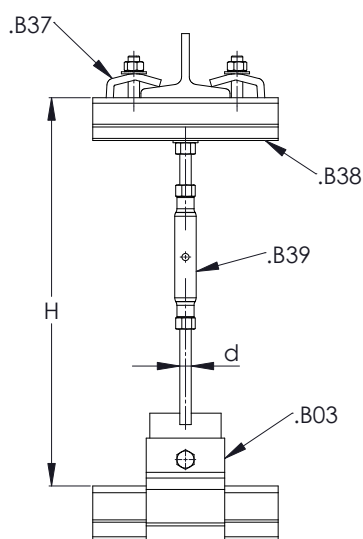
NIKO Profile No.	23.000	24.000	25.000	26.000
Part No.	23.B38	25.B38		
L (mm)	198	250		
a (mm)	76	80		
d (mm)	12.5	18		
H (mm)	35	60		

Adjustable suspension bracket

.B39

This item is used for clamping the adjustable suspension bracket to the support steelwork and is supplied with a bolt and square nut.

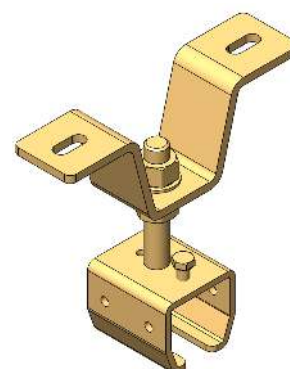
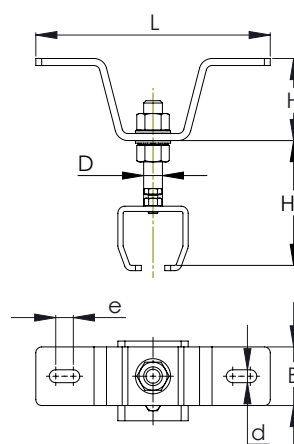
NIKO Profile No.	23.000	24.000	25.000	26.000
Part No.	23.B39	24.B39	25.B39	26.B39
H max (mm)	375	585	600	
H min (mm)	265	410	425	
d (mm)	M12	M16	M16	



Adjustable bracket with ceiling support

.B44

NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.B44	24.B44	25.B44	26.B44	27.B44
B (mm)	50	50	50	80	80
H (mm)	70	70	70	100	100
L (mm)	200	200	200	280	300
D (mm)	M16	M16	M20	M20	M30
e (mm)	15	15	15	18	20
d (mm)	11	11	11	21	21
H1 max (mm)	100	110	175	255	300
H1 min (mm)	50	55	85	115	160

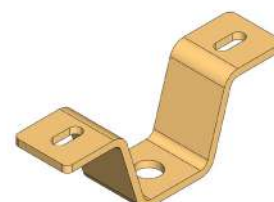
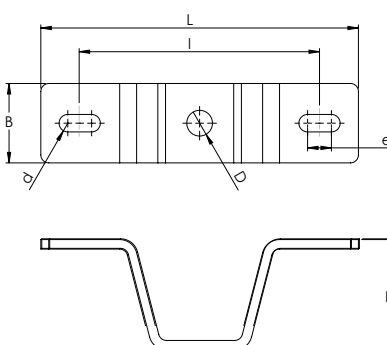


LIGHT CRANE SYSTEMS

Ceiling support

.Z08

NIKO Profile No.	23/24.000	25.000	26.000	27.000
Part No.	23/24.Z08	25.Z08	26.Z08	27.Z08
B (mm)	50	50	80	80
H (mm)	70	70	100	100
L (mm)	200	200	280	300
D (mm)	17	21	21	31
e (mm)	15	15	18	20
d (mm)	11	11	21	21
l (mm)	150	150	220	240



Light crane systems

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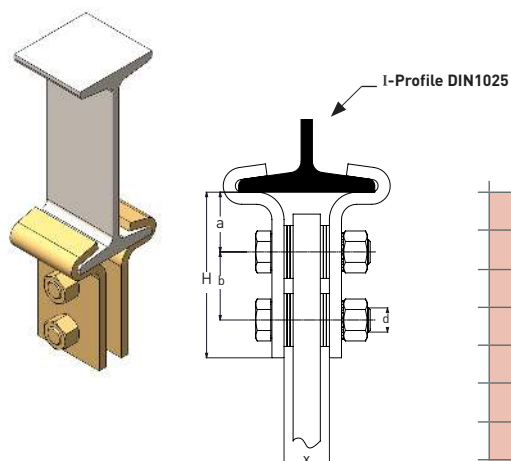
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37

Suspension bracket

.B40

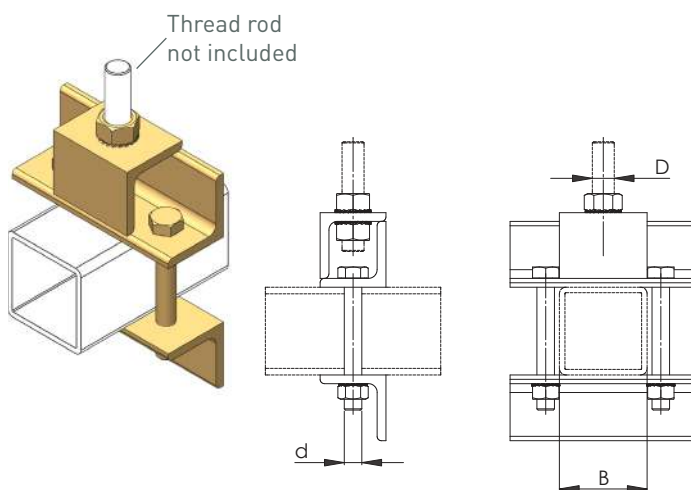
This is normally connected with a steel plate to the bracket B03.



NIKO Profile No.	24.000	24.000 & 25.000		25.000 & 26.000		
Part No.	24.B40	24.B40		26.B40		
Profile DIN 1025 IPN	100	120	140	160	180	200
X (mm)	8	16	24	14	22	30
a (mm)	33	33		40		
b (mm)	45	45		45		
d (mm)	M12	M12		M16		
H (mm)	98	98		110		

Support bracket for reinforced track .045

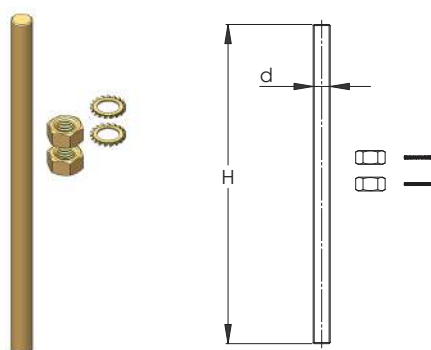
.Z01



NIKO Profile No.	24.000	25.000	26.000	27.000
Part No.	24.Z01	25.Z01	26.Z01	27.Z01
B (mm)	50	60	80	100
D (mm)	M16	M20	M20	M30
d (mm)	M12	M16	M16	M20

Thread rod with nuts and serrated washers

.Z02



NIKO Profile No.	24.000	25.000
Part No.	24.Z02	25.Z02
H (mm)	500	500
d (mm)	M16	M20

Support bracket with welded square tube

.Z03

NIKO Profile No.	24.000	25.000	26.000	27.000
Part No.	24.Z03	25.Z03	26.Z03	27.Z03
B (mm)	61	81	100	116
L (mm)	68	90	110	120
H (mm)	114	155	174	233
d (mm)	M16	M20	M20	M30

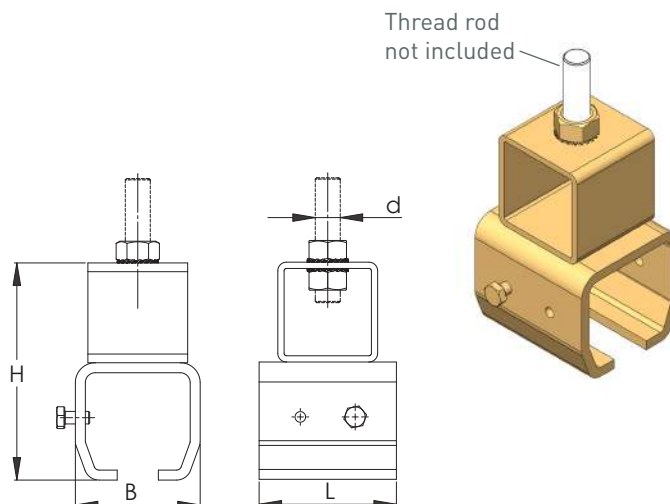
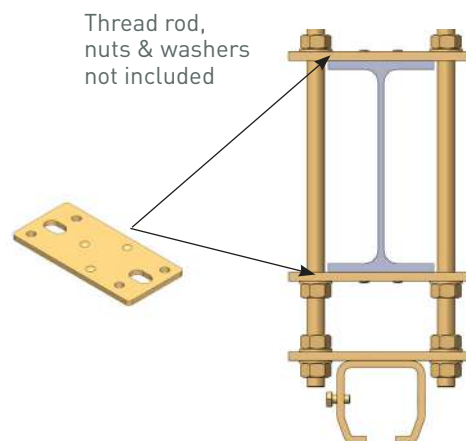
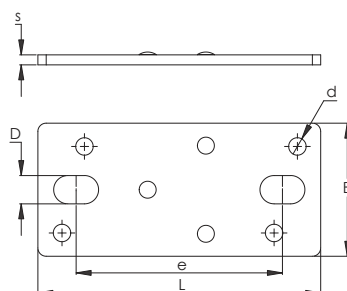


Plate for ceiling support bracket

.B09

NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.B09	24.B09	25.B09	26.B09	27.B09
L (mm)	115	130	171	210	260
B (mm)	50	60	80	100	120
e (mm)	81	94	124	148	178,5
D (mm)	11	13	17	22	22
s (mm)	4	5	6	10	12
d (mm)	6.2	8.2	11	-	-



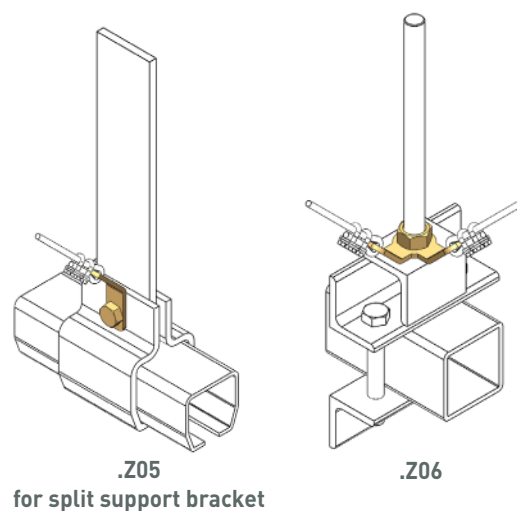
LIGHT CRANE SYSTEMS

Sway brace fittings

.Z05/.Z06

NIKO Profile No.	23.000 & 24.000	25.000 & 26.000	27.000
Part No.	23.Z05	25.Z05	27.Z05

NIKO Profile No.	23.000 & 24.000	25.000 & 26.000	27.000
Part No.	23.Z06	25.Z06	27.Z06



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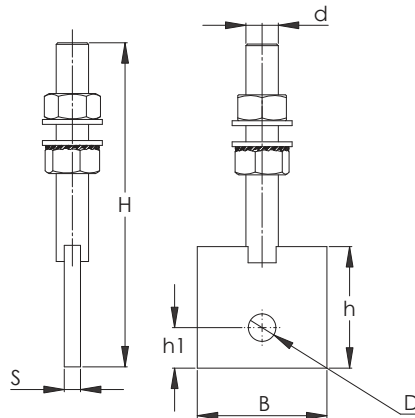
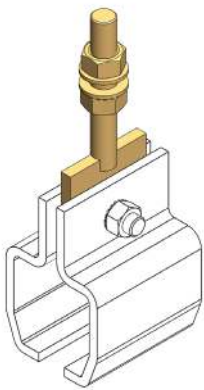
Version January 2018

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39

Plate with welded-on threaded rod

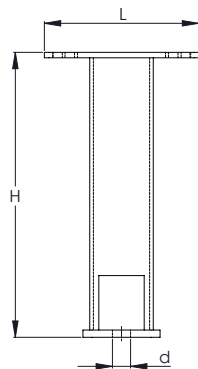
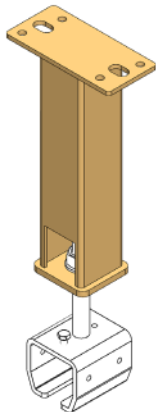
.Z07



NIKO Profile No.	24.000	25.000	26.000	27.000
Part No.	24.Z07	25.Z07	26.Z07	27.Z07
B (mm)	50	60	80	120
H (mm)	131	160	200	216
s (mm)	8	10	10	15
d (mm)	M16	M20	M20	M30
h1 (mm)	20	25	25	24
h (mm)	50	77	75	75
D (mm)	12	16	16	16

Ceiling support bracket with spacer

.Z09

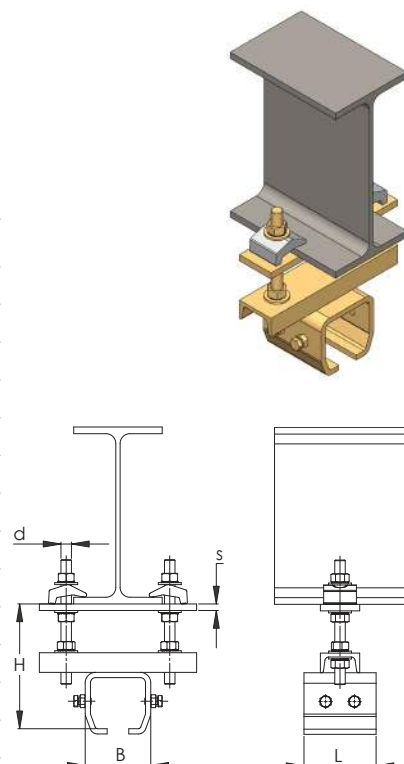


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Part No.	24.Z09.050	24.Z09.100	25.Z09.050	25.Z09.100	26.Z09.050	26.Z09.100	27.Z09.050	27.Z09.100
L (mm)	130		171		210		260	
d (mm)	M16		M20		M20		M30	
H (mm)	500	1000	500	1000	500	1000	500	1000

Adjustable bracket for I-Beam

.Z10

NIKO Profile No.	24.000	25.000	26.000	27.000
Bracket No. for IPN 80 (IPE 80)	24.Z10.080			
Bracket No. for IPN 100 (IPE 80)	24.Z10.100	25.Z10.100		
Bracket No. for IPN 120 (IPE 100)	24.Z10.120	25.Z10.120		
Bracket No. for IPN 140 (IPE 120)	24.Z10.140	25.Z10.140		
Bracket No. for IPN 160 (IPE 140)	24.Z10.160	25.Z10.160	26.Z10.160	27.Z10.160
Bracket No. for IPN 180 (IPE 160)	24.Z10.180	25.Z10.180	26.Z10.180	27.Z10.180
Bracket No. for IPN 200 (IPE 180)	24.Z10.200	25.Z10.200	26.Z10.200	27.Z10.200
Bracket No. for IPN 220 (IPE 200)		25.Z10.220	26.Z10.220	27.Z10.220
Bracket No. for IPN 240 (IPE 220)		25.Z10.240	26.Z10.240	27.Z10.240
Bracket No. for IPN 260 (IPE 240)		25.Z10.260	26.Z10.260	27.Z10.260
B (mm)	61	81	100	116
L (mm)	68	90	110	120
H (mm)	150±25	180±25	205±25	235±25
d (mm)	M16	M16	M20	M20
s (mm)	8	10	10	12

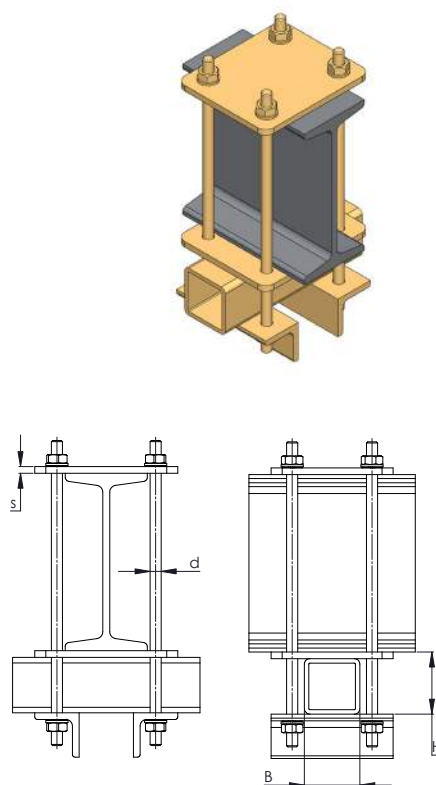


LIGHT CRANE SYSTEMS

Mounting assembly with plates for I-Beam

.Z11

NIKO Profile No.	24.000	25.000	26.000	27.000
Bracket No. for IPN 80 (IPE 80)	24.Z11.080			
Bracket No. for IPN 100 (IPE 80)	24.Z11.100	25.Z11.100		
Bracket No. for IPN 120 (IPE 100)	24.Z11.120	25.Z11.120		
Bracket No. for IPN 140 (IPE 120)	24.Z11.140	25.Z11.140		
Bracket No. for IPN 160 (IPE 140)	24.Z11.160	25.Z11.160	26.Z11.160	27.Z11.160
Bracket No. for IPN 180 (IPE 160)	24.Z11.180	25.Z11.180	26.Z11.180	27.Z11.180
Bracket No. for IPN 200 (IPE 180)	24.Z11.200	25.Z11.200	26.Z11.200	27.Z11.200
Bracket No. for IPN 220 (IPE 200)		25.Z11.220	26.Z11.220	27.Z11.220
Bracket No. for IPN 240 (IPE 220)		25.Z11.240	26.Z11.240	27.Z11.240
Bracket No. for IPN 260 (IPE 240)		25.Z11.260	26.Z11.260	27.Z11.260
B (mm)	50	60	80	100
H (mm)	56	68	90	112
s (mm)	6	8	10	12
d (mm)	M10	M12	M16	M20



Light crane systems

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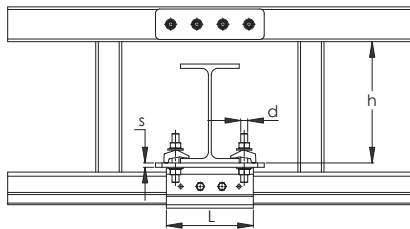
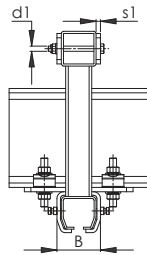
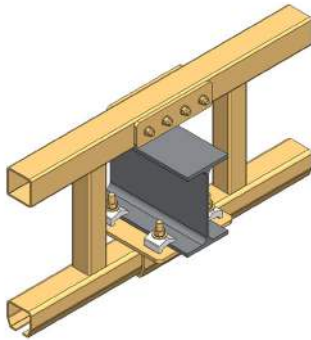
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41

Support bracket with clamps for I-Beam

.Z13

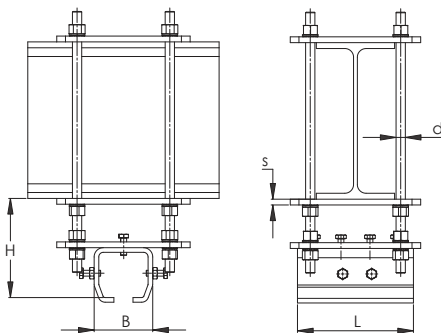
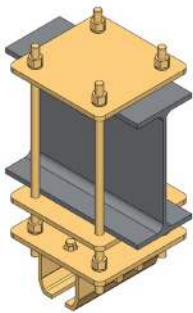


NIKO Profile No.	24.000	25.000	26.000	27.000
Bracket No. for IPN 80 (IPE 80)	24.Z13.080			
Bracket No. for IPN 100 (IPE 80)	24.Z13.100	25.Z13.100		
Bracket No. for IPN 120 (IPE 100)	24.Z13.120	25.Z13.120		
Bracket No. for IPN 140 (IPE 120)	24.Z13.140	25.Z13.140		
Bracket No. for IPN 160 (IPE 140)	24.Z13.160	25.Z13.160	26.Z13.160	27.Z13.160
Bracket No. for IPN 180 (IPE 160)	24.Z13.180	25.Z13.180	26.Z13.180	27.Z13.180
Bracket No. for IPN 200 (IPE 180)	24.Z13.200	25.Z13.200	26.Z13.200	27.Z13.200
Bracket No. for IPN 220 (IPE 200)		25.Z13.220	26.Z13.220	27.Z13.220
Bracket No. for IPN 240 (IPE 220)		25.Z13.240	26.Z13.240	27.Z13.240
Bracket No. for IPN 260 (IPE 240)		25.Z13.260	26.Z13.260	27.Z13.260
B (mm)	61	81	100	116
L (mm)	150	180	200	250
d (mm)	M12	M16	M16	M20
s (mm)	6	8	10	12
h (mm)	230	260	300	360
d1 (mm)	M10	M10	M12	M16
s1 (mm)	6	8	10	12

LIGHT CRANE SYSTEMS

Height adjustable splice joint for I-Beam

.Z16

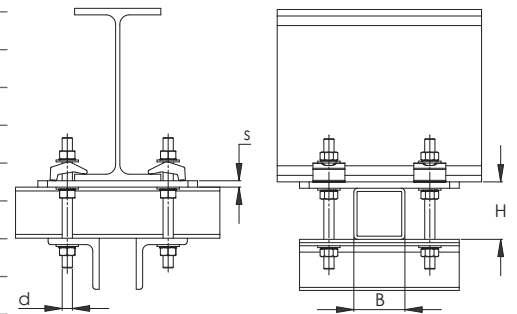
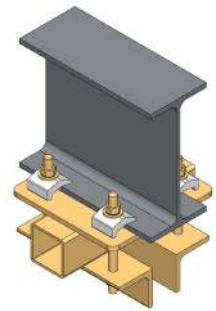


NIKO Profile No.	24.000	25.000	26.000	27.000
Bracket No. for IPN 80 (IPE 80)	24.Z16.080			
Bracket No. for IPN 100 (IPE 80)	24.Z16.100	25.Z16.100		
Bracket No. for IPN 120 (IPE 100)	24.Z16.120	25.Z16.120		
Bracket No. for IPN 140 (IPE 120)	24.Z16.140	25.Z16.140		
Bracket No. for IPN 160 (IPE 140)	24.Z16.160	25.Z16.160	26.Z16.160	27.Z16.160
Bracket No. for IPN 180 (IPE 160)	24.Z16.180	25.Z16.180	26.Z16.180	27.Z16.180
Bracket No. for IPN 200 (IPE 180)	24.Z16.200	25.Z16.200	26.Z16.200	27.Z16.200
Bracket No. for IPN 220 (IPE 200)		25.Z16.220	26.Z16.220	27.Z16.220
Bracket No. for IPN 240 (IPE 220)		25.Z16.240	26.Z16.240	27.Z16.240
Bracket No. for IPN 260 (IPE 240)		25.Z16.260	26.Z16.260	27.Z16.260
B (mm)	61	81	100	116
L (mm)	150	180	200	250
H (mm)	126±25	155±25	186±25	232±25
s (mm)	6	8	10	12
d (mm)	M10	M12	M16	M20

Mounting assembly with clamps for I-Beam

.Z18

NIKO Profile No.	24.000	25.000	26.000	27.000
Bracket No. for IPN 80 (IPE 80)	24.Z18.080			
Bracket No. for IPN 100 (IPE 80)	24.Z18.100	25.Z18.100		
Bracket No. for IPN 120 (IPE 100)	24.Z18.120	25.Z18.120		
Bracket No. for IPN 140 (IPE 120)	24.Z18.140	25.Z18.140		
Bracket No. for IPN 160 (IPE 140)	24.Z18.160	25.Z18.160	26.Z18.160	27.Z18.160
Bracket No. for IPN 180 (IPE 160)	24.Z18.180	25.Z18.180	26.Z18.180	27.Z18.180
Bracket No. for IPN 200 (IPE 180)	24.Z18.200	25.Z18.200	26.Z18.200	27.Z18.200
Bracket No. for IPN 220 (IPE 200)		25.Z18.220	26.Z18.220	27.Z18.220
Bracket No. for IPN 240 (IPE 220)		25.Z18.240	26.Z18.240	27.Z18.240
Bracket No. for IPN 260 (IPE 240)		25.Z18.260	26.Z18.260	27.Z18.260
B (mm)	50	60	80	100
H (mm)	56	68	90	112
s (mm)	6	8	10	12
d (mm)	M12	M16	M16	M20

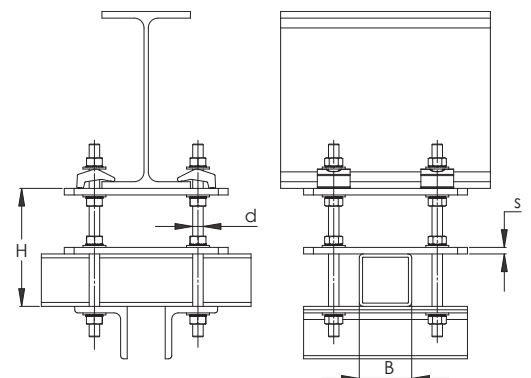
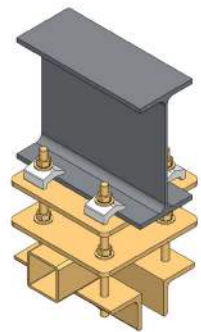


LIGHT CRANE SYSTEMS

Height adjustable mounting assembly with clamps for I-Beam

.Z19

NIKO Profile No.	24.000	25.000	26.000	27.000
Bracket No. for IPN 80 (IPE 80)	24.Z19.080			
Bracket No. for IPN 100 (IPE 80)	24.Z19.100	25.Z19.100		
Bracket No. for IPN 120 (IPE 100)	24.Z19.120	25.Z19.120		
Bracket No. for IPN 140 (IPE 120)	24.Z19.140	25.Z19.140		
Bracket No. for IPN 160 (IPE 140)	24.Z19.160	25.Z19.160	26.Z19.160	27.Z19.160
Bracket No. for IPN 180 (IPE 160)	24.Z19.180	25.Z19.180	26.Z19.180	27.Z19.180
Bracket No. for IPN 200 (IPE 180)	24.Z19.200	25.Z19.200	26.Z19.200	27.Z19.200
Bracket No. for IPN 220 (IPE 200)		25.Z19.220	26.Z19.220	27.Z19.220
Bracket No. for IPN 240 (IPE 220)		25.Z19.240	26.Z19.240	27.Z19.240
Bracket No. for IPN 260 (IPE 240)		25.Z19.260	26.Z19.260	27.Z19.260
B (mm)	50	60	80	100
H (mm)	127±25	146±25	180±25	210±25
s (mm)	6	8	10	12
d (mm)	M12	M16	M16	M20



Light crane systems

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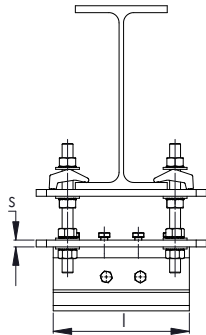
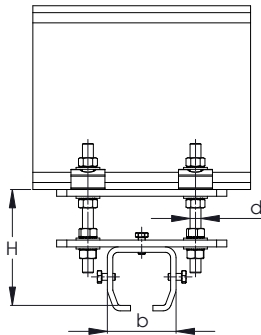
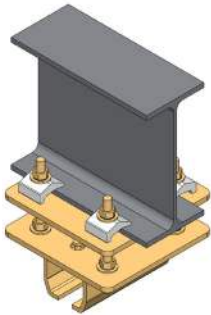
Version January 2018

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43

Height adjustable support bracket with clamps for I-Beam

.Z20

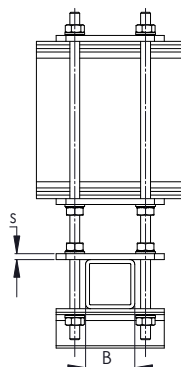
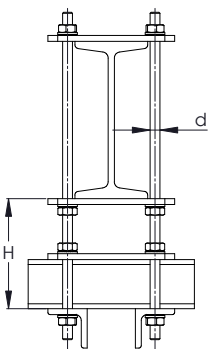
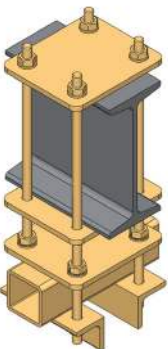


NIKO Profile No.	24.000	25.000	26.000	27.000
Bracket No. for IPN 80 (IPE 80)	24.Z20.080			
Bracket No. for IPN 100 (IPE 80)	24.Z20.100	25.Z20.100		
Bracket No. for IPN 120 (IPE 100)	24.Z20.120	25.Z20.120		
Bracket No. for IPN 140 (IPE 120)	24.Z20.140	25.Z20.140		
Bracket No. for IPN 160 (IPE 140)	24.Z20.160	25.Z20.160	26.Z20.160	27.Z20.160
Bracket No. for IPN 180 (IPE 160)	24.Z20.180	25.Z20.180	26.Z20.180	27.Z20.180
Bracket No. for IPN 200 (IPE 180)	24.Z20.200	25.Z20.200	26.Z20.200	27.Z20.200
Bracket No. for IPN 220 (IPE 200)		25.Z20.220	26.Z20.220	27.Z20.220
Bracket No. for IPN 240 (IPE 220)		25.Z20.240	26.Z20.240	27.Z20.240
Bracket No. for IPN 260 (IPE 240)		25.Z20.260	26.Z20.260	27.Z20.260
b (mm)	61	81	100	116
l (mm)	150	180	200	250
H (mm)	126±25	155±25	186±25	232±25
d (mm)	M12	M16	M16	M20
s (mm)	6	8	10	12

LIGHT CRANE SYSTEMS

Height adjustable mounting assembly with plates for I-Beam

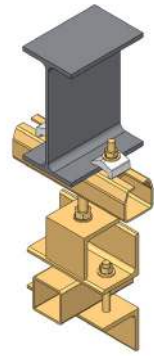
.Z21



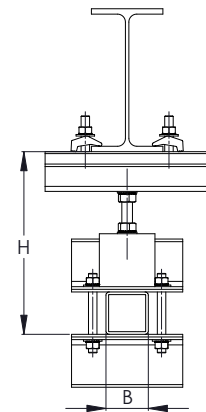
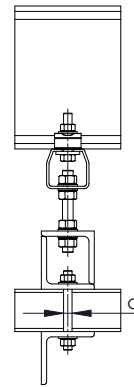
NIKO Profile No.	24.000	25.000	26.000	27.000
Bracket No. for IPN 80 (IPE 80)	24.Z21.080			
Bracket No. for IPN 100 (IPE 80)	24.Z21.100	25.Z21.100		
Bracket No. for IPN 120 (IPE 100)	24.Z21.120	25.Z21.120		
Bracket No. for IPN 140 (IPE 120)	24.Z21.140	25.Z21.140		
Bracket No. for IPN 160 (IPE 140)	24.Z21.160	25.Z21.160	26.Z21.160	27.Z21.160
Bracket No. for IPN 180 (IPE 160)	24.Z21.180	25.Z21.180	26.Z21.180	27.Z21.180
Bracket No. for IPN 200 (IPE 180)	24.Z21.200	25.Z21.200	26.Z21.200	27.Z21.200
Bracket No. for IPN 220 (IPE 200)		25.Z21.220	26.Z21.220	27.Z21.220
Bracket No. for IPN 240 (IPE 220)		25.Z21.240	26.Z21.240	27.Z21.240
Bracket No. for IPN 260 (IPE 240)		25.Z21.260	26.Z21.260	27.Z21.260
B (mm)	50	60	80	100
H (mm)	127±25	146±25	180±25	210±25
d (mm)	M12	M16	M16	M20
s (mm)	6	8	10	12

Adjustable mounting assembly, parallel/vertical to I-Beam

.Z35



NIKO Profile No.	24.000	25.000	26.000	27.000
Bracket No. for IPN 80 (IPE 80)	24.Z35.080			
Bracket No. for IPN 100 (IPE 80)	24.Z35.100	25.Z35.100		
Bracket No. for IPN 120 (IPE 100)	24.Z35.120	25.Z35.120		
Bracket No. for IPN 140 (IPE 120)	24.Z35.140	25.Z35.140		
Bracket No. for IPN 160 (IPE 140)	24.Z35.160	25.Z35.160	26.Z35.160	27.Z35.160
Bracket No. for IPN 180 (IPE 160)	24.Z35.180	25.Z35.180	26.Z35.180	27.Z35.180
Bracket No. for IPN 200 (IPE 180)	24.Z35.200	25.Z35.200	26.Z35.200	27.Z35.200
Bracket No. for IPN 220 (IPE 200)		25.Z35.220	26.Z35.220	27.Z35.220
Bracket No. for IPN 240 (IPE 220)		25.Z35.240	26.Z35.240	27.Z35.240
Bracket No. for IPN 260 (IPE 240)		25.Z35.260	26.Z35.260	27.Z35.260
B (mm)	50	60	80	100
d (mm)	M16	M20	M20	M30
H (mm)	210	240	275	340



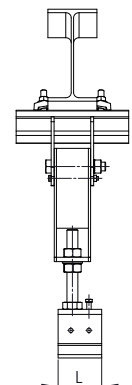
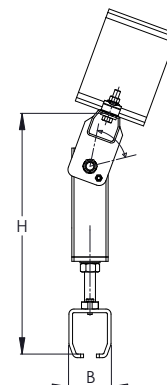
LIGHT CRANE SYSTEMS

Angle adjustable mounting assembly with bracket .B04 for I-Beam

.Z27



NIKO Profile No.	24.000	25.000	26.000	27.000
Bracket No. for IPN 80 (IPE 80)	24.Z27.080			
Bracket No. for IPN 100 (IPE 80)	24.Z27.100	25.Z27.100		
Bracket No. for IPN 120 (IPE 100)	24.Z27.120	25.Z27.120		
Bracket No. for IPN 140 (IPE 120)	24.Z27.140	25.Z27.140		
Bracket No. for IPN 160 (IPE 140)	24.Z27.160	25.Z27.160	26.Z27.160	27.Z27.160
Bracket No. for IPN 180 (IPE 160)	24.Z27.180	25.Z27.180	26.Z27.180	27.Z27.180
Bracket No. for IPN 200 (IPE 180)	24.Z27.200	25.Z27.200	26.Z27.200	27.Z27.200
Bracket No. for IPN 220 (IPE 200)		25.Z27.220	26.Z27.220	27.Z27.220
Bracket No. for IPN 240 (IPE 220)		25.Z27.240	26.Z27.240	27.Z27.240
Bracket No. for IPN 260 (IPE 240)		25.Z27.260	26.Z27.260	27.Z27.260
B (mm)	61	81	100	116
L (mm)	68	90	110	120
H max (mm)	3000	3000	3000	3000



Light crane systems

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do not always reflect all available sizes.

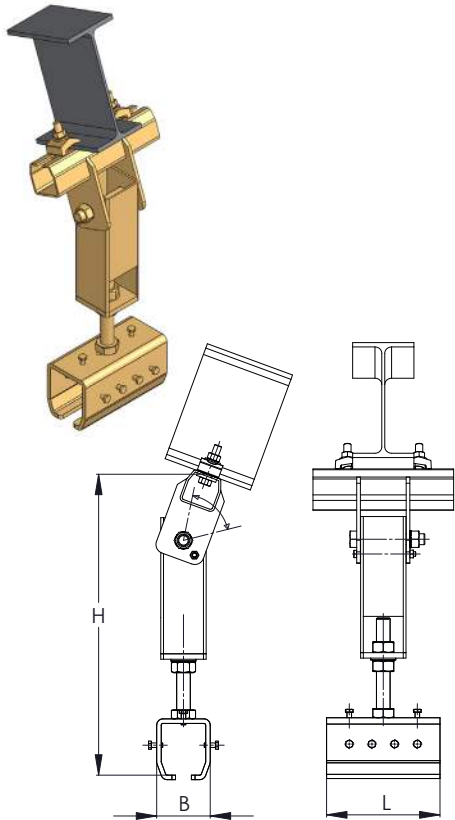
Version January 2018

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45

Angle adjustable mounting assembly with support joint .B11 for I-Beam

.Z28

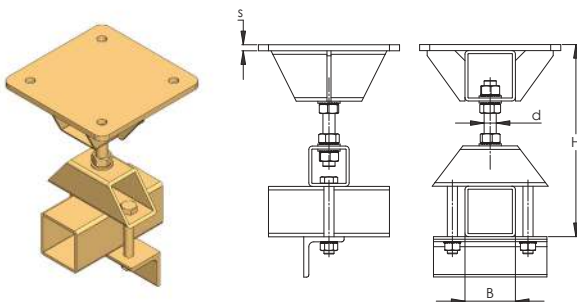


NIKO Profile No.	24.000	25.000	26.000	27.000
Bracket No. for IPN 80 (IPE 80)	24.Z28.080			
Bracket No. for IPN 100 (IPE 80)	24.Z28.100	25.Z28.100		
Bracket No. for IPN 120 (IPE 100)	24.Z28.120	25.Z28.120		
Bracket No. for IPN 140 (IPE 120)	24.Z28.140	25.Z28.140		
Bracket No. for IPN 160 (IPE 140)	24.Z28.160	25.Z28.160	26.Z28.160	27.Z28.160
Bracket No. for IPN 180 (IPE 160)	24.Z28.180	25.Z28.180	26.Z28.180	27.Z28.180
Bracket No. for IPN 200 (IPE 180)	24.Z28.200	25.Z28.200	26.Z28.200	27.Z28.200
Bracket No. for IPN 220 (IPE 200)		25.Z28.220	26.Z28.220	27.Z28.220
Bracket No. for IPN 240 (IPE 220)		25.Z28.240	26.Z28.240	27.Z28.240
Bracket No. for IPN 260 (IPE 240)		25.Z28.260	26.Z28.260	27.Z28.260
B (mm)	61	81	100	116
L (mm)	150	180	200	250
H max (mm)	3000	3000	3000	3000

LIGHT CRANE SYSTEMS

Ceiling mounting assembly

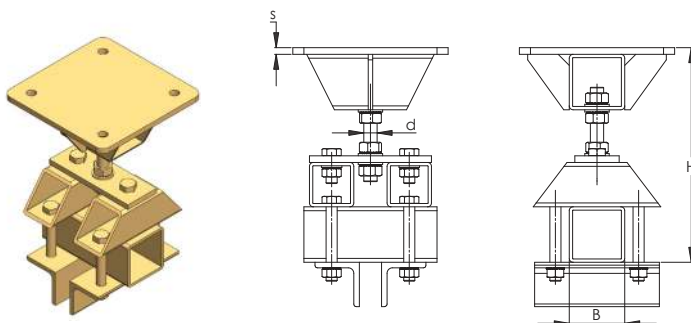
.Z25



NIKO Profile No.	24.000	25.000	26.000	27.000
Part No.	24.Z25	25.Z25	26.Z25	27.Z25
B (mm)	50	60	80	100
s (mm)	6	8	10	12
d (mm)	M16	M20	M20	M30
H (mm)	240	270	300	350

Ceiling mounting assembly for load 2.000kg

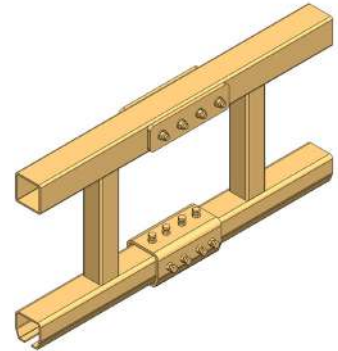
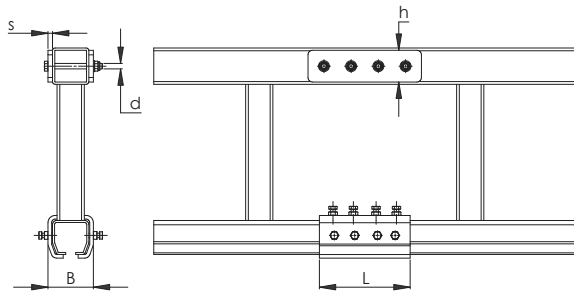
.Z26



NIKO Profile No.	27.000
Part No.	27.Z26
B (mm)	100
s (mm)	15
d (mm)	M36
H (mm)	350

Connection kit for reinforced tracks with welded square profiles

.Z45



NIKO Profile No.	24.000	25.000	26.000	27.000
Part No.	24.Z45	25.Z45	26.Z45	27.Z45
B (mm)	61	81	100	116
L (mm)	150	180	200	250
h (mm)	40	50	70	90
s (mm)	6	8	10	12
d (mm)	M10	M10	M12	M16

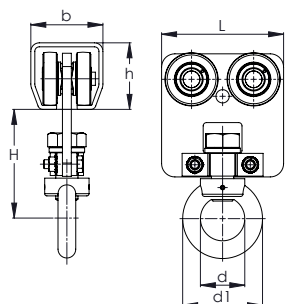
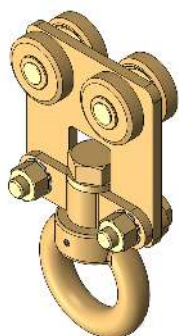
NIKO Bearings Options

	NIKO-Profile	21.	23.	24.	25.	26.	27.
	Low temperature bearings (special grease) for operating temperatures from -50°C to 80°C		TL.23	TL.24	TL.25	TL.26	TL.27
	High temperature bearings (special grease) for operating temperatures from -40°C to 260°C		TH.23	TH.24	TH.25	TH.26	TH.27
	Nylon tyred bearings		PL.23	PL.24	PL.25	PL.26	PL.27
	Heavy duty polyamide tyred bearings		PLN.23	PLN.24	PLN.25	PLN.26	PLN.27
	Ammonia resistant bearings (special grease) for operating temperatures from -20°C to 130°C	AM.21	AM.23	AM.24	AM.25	AM.26	AM.27
	Stainless steel bearings for operating temperatures from -20°C to 80°C	IN.21	IN.23	IN.24	IN.25		
	Phosphor bronze tyred bearing		PB.23	PB.24	PB.25	PB.26	PB.27

4-Wheel trolley with a rotating eye DIN 582

.T40

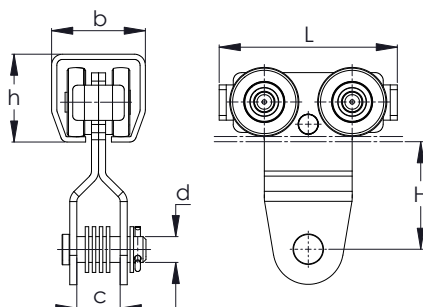
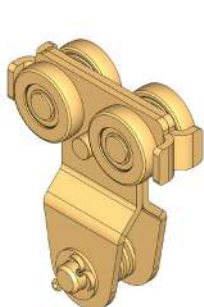
This trolley is suitable for hoists with hook suspension.



NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.T40	24.T40	25.T40	26.T40	27.T40
SWL Kg	40	80	200	400	800
b (mm)	40	48.5	65	80	90
H (mm)	74	82	98	126	165
L (mm)	68	90	110	150	200
d1 (mm)	54	63	72	90	108
h (mm)	35	43.5	60	75	110
d (mm)	30	35	40	50	60

4-Wheel trolley with clevis pin and buffer (plate)

.T48



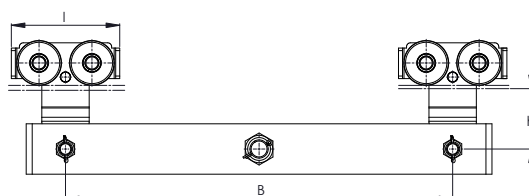
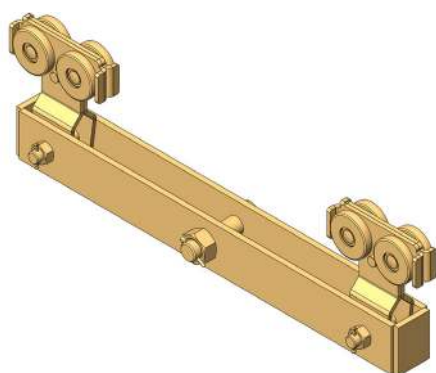
NIKO Profile No.	24.000	25.000	26.000	27.000
Part No.	24.T48	25.T48	26.T48	27.T48
SWL Kg	125	250	500	1000
L (mm)	100	130	152	215
H (mm)	65	77	94	123
b (mm)	48.5	65	80	90
h (mm)	43.5	60	75	110
d (mm)	16	20	22	26
c (mm)	30	37	37	45

**Only for straight sections. Not to be used in switches or bends.*

LIGHT CRANE SYSTEMS

Heavy duty hoist trolley

.T49

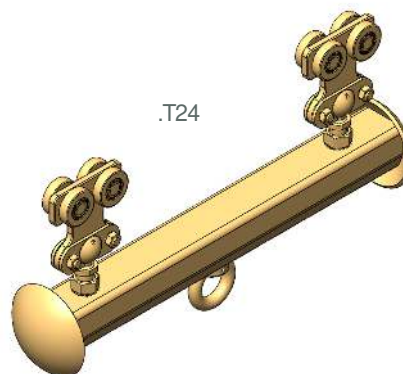
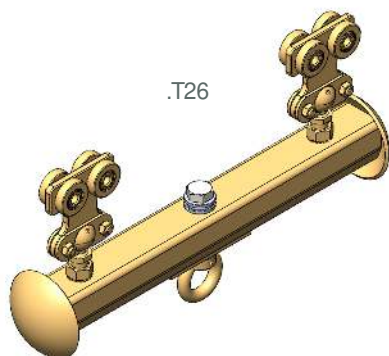


NIKO Profile No.	24.000	25.000	26.000	27.000
Part No.	24.T49	25.T49	26.T49	27.T49
SWL Kg	250	500	1000	2000
l (mm)	100	130	152	215
h (mm)	65	77	94	123
B (mm)	300	418	500	768

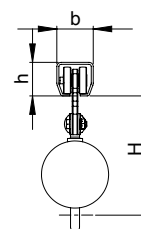
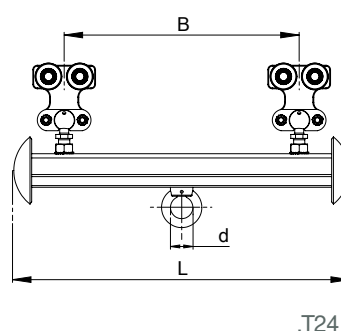
Load carrier (flight bar) with eye and rotating eye (2 x .T14 trolley)

.T24/.T26

This trolley is suitable for increased load applications.



NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.T24	24.T24	25.T24	26.T24	27.T24
Part No.	23.T26	24.T26	25.T26	26.T26	27.T26
SWL Kg	80	160	400	800	1600
H (mm) .T24	128	152	190	250	310
H (mm) .T26	133	160	200	260	320
h (mm)	35	43.5	60	75	110
b (mm)	40	48.5	65	80	90
B (mm)	180	300	420	500	700
L (mm)	300	450	600	700	1000
d (mm)	30	35	40	50	60



LIGHT CRANE SYSTEMS

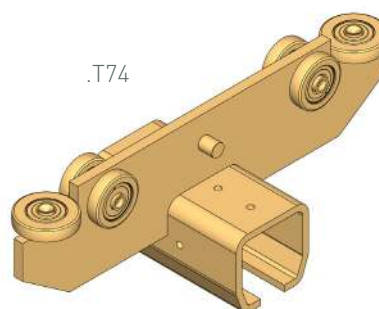
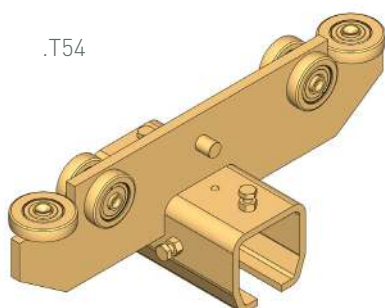
End carriage with track joint

.T54/.T74

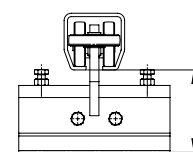
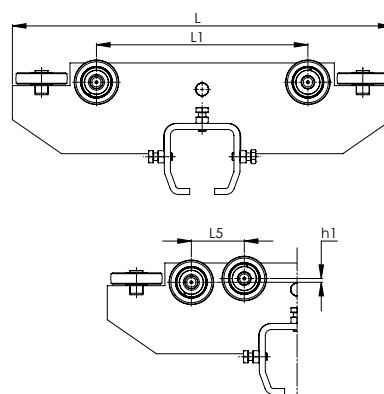
This range of trolleys is fitted with horizontal guide rollers and are used for connecting the bridge crane to the long travel tracks.

For standard crane applications it is recommended that only one end carriage is fixed on the crane bridge allowing the other to move freely and compensate for track misalignment.

For bridge length over 6 meters, longer end carriages are used (.T54L/.T74L)



NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.T54	24.T54	25.T54	26.T54	27.T54
Part No.	23.T74	24.T74	25.T74	26.T74	27.T74
Load up to (kg)	50	125	250	500	1000
L (mm)	350	400	450	500	600
L1 (mm)	242	270	276	280	340
L5 (mm)	40	50	60	70	100
H (mm)	52	63	91	106	163
h1 (mm)	0.5	2	3.5	5	5.5



Light crane systems

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Version January 2018

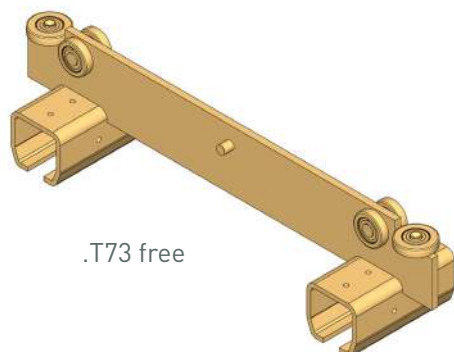
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49

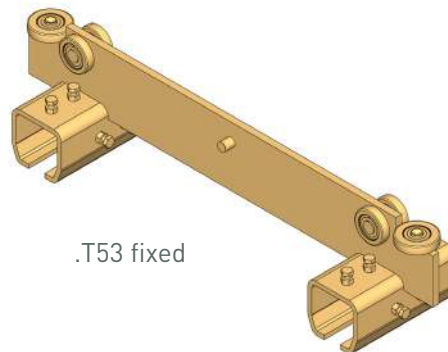
End carriage with double track joint

.T53/.T73

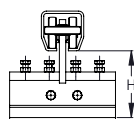
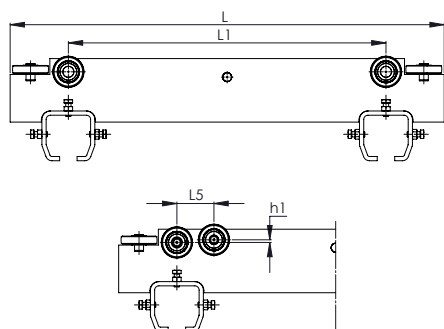
We can supply double carriages for overhead cranes for suspending two NIKO rails.



.T73 free



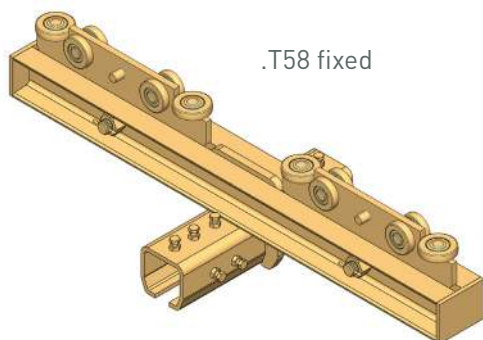
.T53 fixed



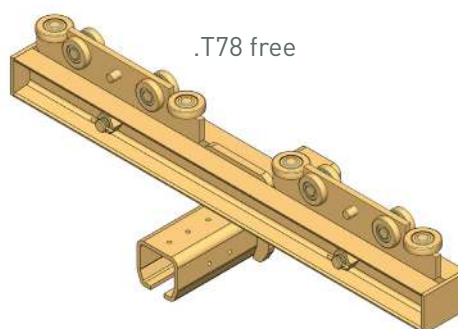
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Part No.	23.T53	24.T53	25.T53	26.T53	27.T53
Part No.	23.T73	24.T73	25.T73	26.T73	27.T73
Load up to (kg)	50	125	250	500	1000
L (mm)	410	630	700	820	860
L1 (mm)	300	495	500	600	600
L5 (mm)	40	50	60	70	100
H (mm)	64	74	91	126	153
h1 (mm)	0.5	2	3.5	5	5.5

Heavy duty end carriage trolley

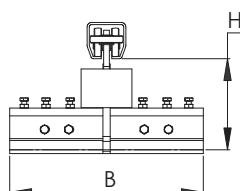
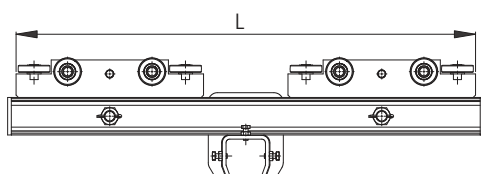
.T58/.T78



.T58 fixed



.T78 free

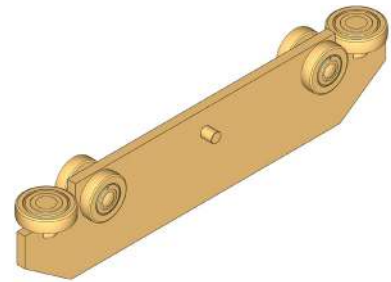


NIKO Profile No.	25.000	26.000	27.000
Part No.	25.T58	26.T58	27.T58
Part No.	25.T78	26.T78	27.T78
Load up to (kg)	500	1000	2000
B (mm)	360	400	500
H (mm)	138	188	278
L (mm)	950	980	1420

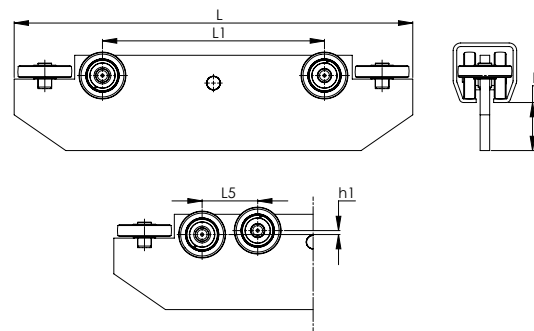
End carriage plate-short

For bridge length over 6 meters, longer end carriages are used (.T52L)

.T52



NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.T52	24.T52	25.T52	26.T52	27.T52
Load up to (kg)	50	125	250	500	1000
L (mm)	350	400	450	500	600
L1 (mm)	242	270	276	280	340
L5 (mm)	40	50	60	70	100
H (mm)	23	35	52	60	59
h1 (mm)	0.5	2	3.5	5	5.5

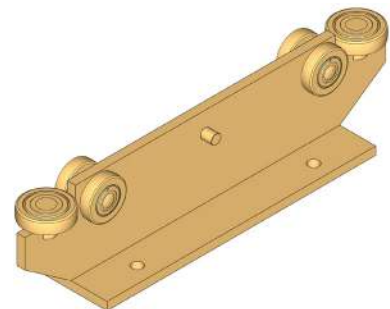


LIGHT CRANE SYSTEMS

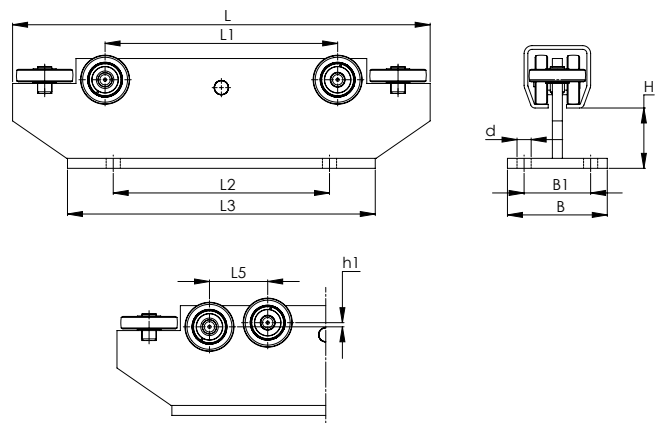
End carriage with flat plate

For bridge length over 6 meters, longer end carriages are used (.T51L)

.T51



NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.T51	24.T51	25.T51	26.T51	27.T51
Load up to (kg)	50	125	250	500	1000
L (mm)	350	400	450	500	600
L1 (mm)	242	270	276	280	340
L2 (mm)	200	220	220	260	300
L3 (mm)	290	315	335	370	440
B (mm)	60	70	100	120	150
B1 (mm)	36	46	60	80	100
d (mm)	8.5	11	13	17	21
L5 (mm)	40	50	60	70	100
H (mm)	31	42	62	72	74
h1 (mm)	0.5	2	3.5	5	5.5



Light crane systems

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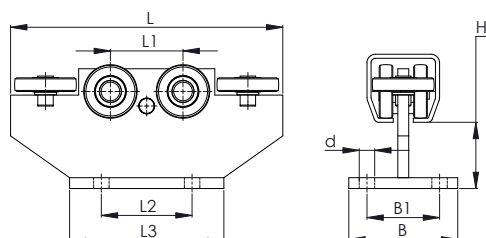
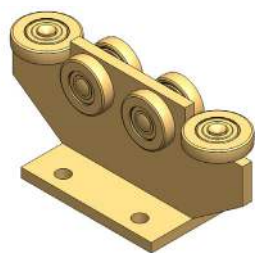
Version January 2018

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51

End carriage with flat plate-short

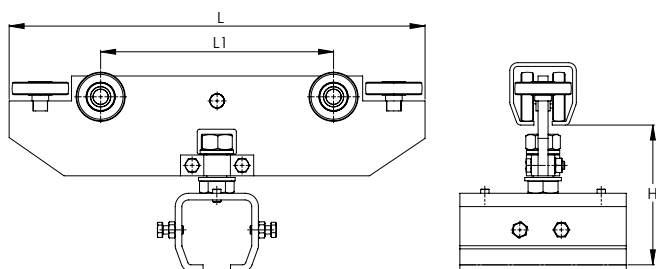
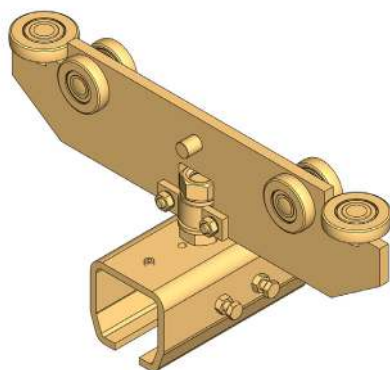
.T56



NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.T56	24.T56	25.T56	26.T56	27.T56
L (mm)	150	180	230	300	370
L1 (mm)	40	50	59	80	110
B (mm)	60	70	100	120	150
B1 (mm)	36	46	60	80	100
d (mm)	8.5	11	13	17	21
H (mm)	31	42	62	72	74
L2 (mm)	55	55	90	100	150
L3 (mm)	95	95	150	170	210

End carriage with rotating track joint

.T55

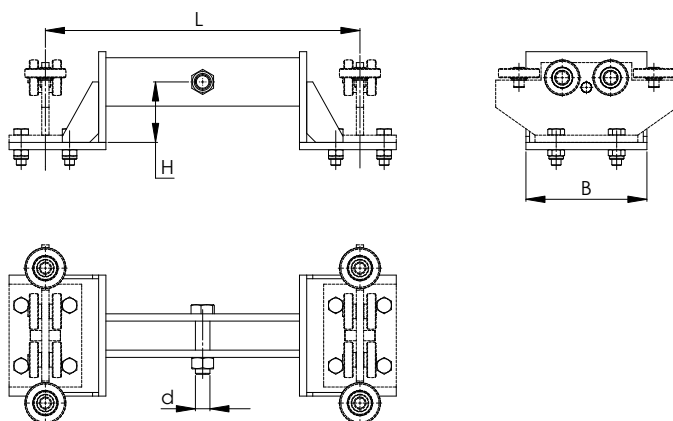
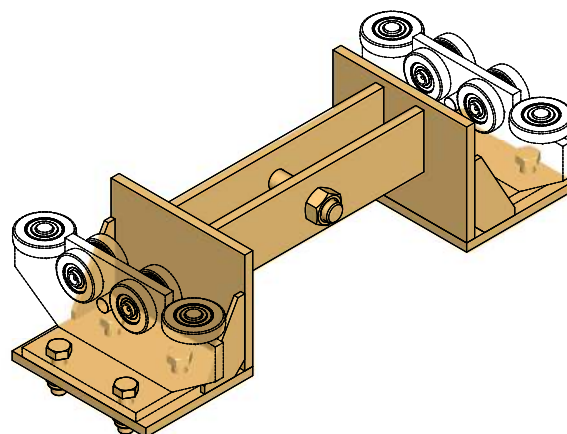


NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.T55	24.T55	25.T55	26.T55	27.T55
L (mm)	350	400	450	500	600
L1 (mm)	242	270	276	280	340
H (mm)	94	99	136	168	240

Low headroom assembly for adjusting end carriages

.T111

End carriages are not included.



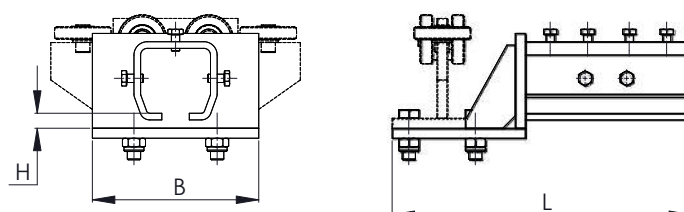
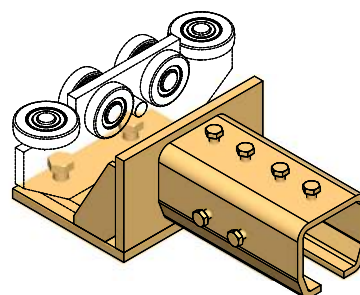
NIKO Profile No.	24.000	25.000	26.000	27.000
Part No.	24.T111	25.T111	26.T111	27.T111
B (mm)	120	180	200	250
L (mm)	420	470	520	620
H (mm)	60	80	100	140
d (mm)	20	24	24	36

LIGHT CRANE SYSTEMS

Corner plate with joint for end carriage

.T98

End carriages are not included.



NIKO Profile No.	24.000	25.000	26.000	27.000
Part No.	24.T98	25.T98	26.T98	27.T98
B (mm)	120	180	200	250
L (mm)	220	310	360	450
H (mm)	15	16	18	20

Light crane systems

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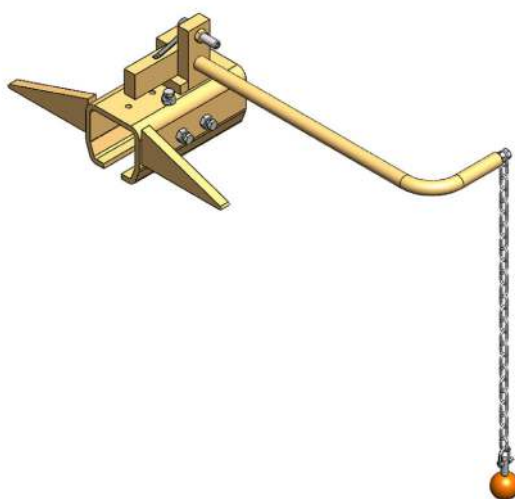
Version January 2018

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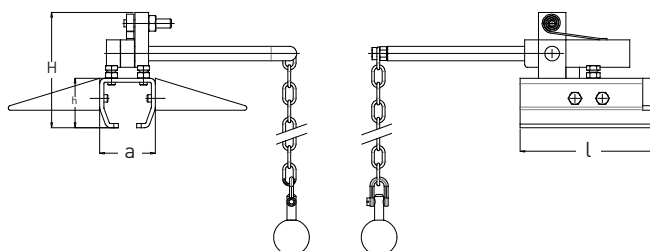
53

Bridge Interlock (Part 1) (safety plate must be installed)

.H01

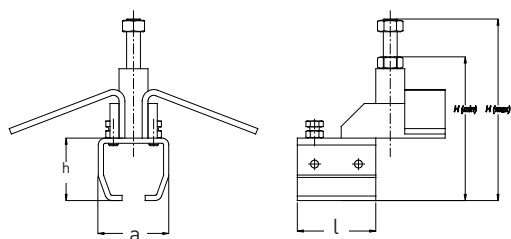
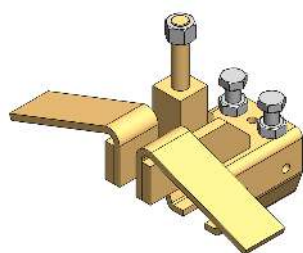


NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.H01	24.H01	25.H01	26.H01	27.H01
a (mm)	50	61	81	100	116
h (mm)	44	54	75	94	133
l (mm)	120	150	180	200	250
H (mm)	117	126	170	188	229

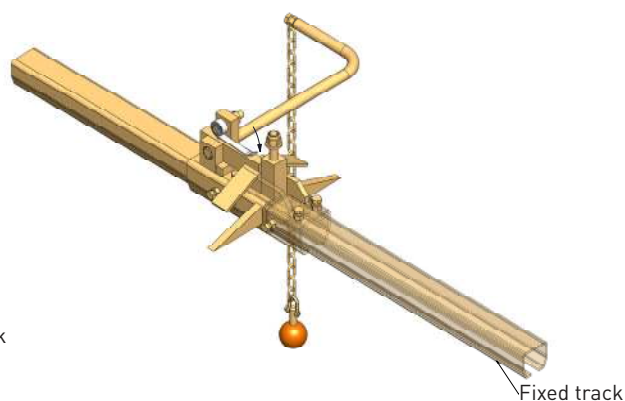
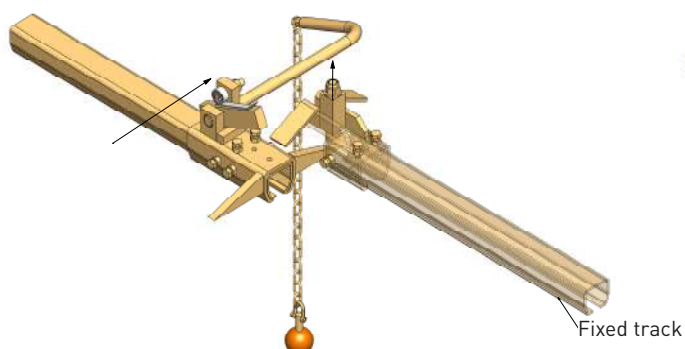


Bridge Interlock (Part 2) (safety plate must be installed)

.H02

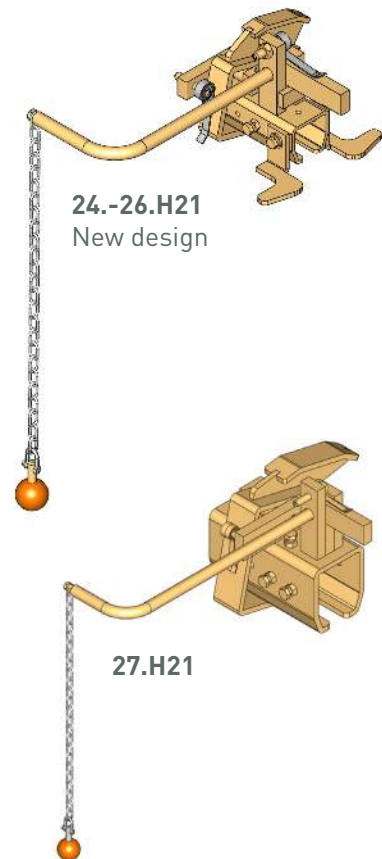
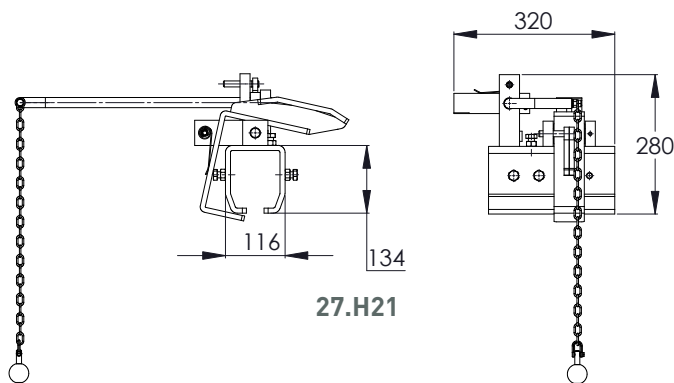


NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.H02	24.H02	25.H02	26.H02	27.H02
a (mm)	50	61	81	100	116
h (mm)	44	54	75	94	133
l (mm)	56	68	90	110	120
H min (mm)	121	130	168	186	291
H max (mm)	147	156	209	227	359



Track transfer assembly (Part 1) (no safety plate required)

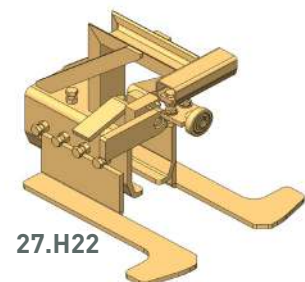
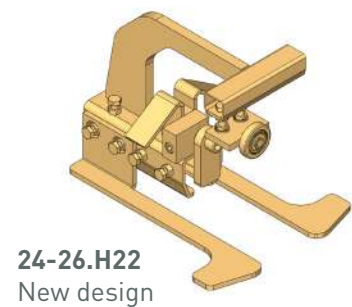
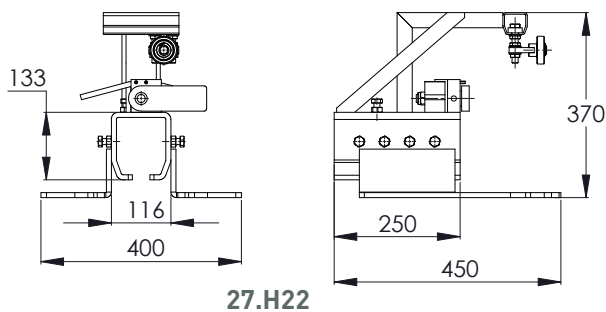
.H21



LIGHT CRANE SYSTEMS

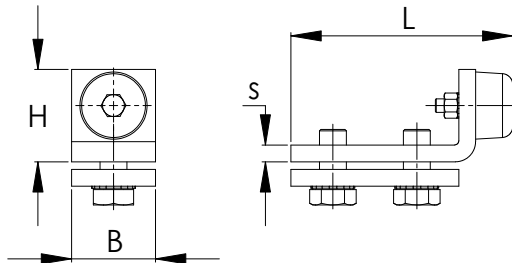
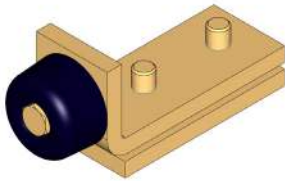
Track transfer assembly (Part 2) (no safety plate required)

.H22



Track end stop

.X01



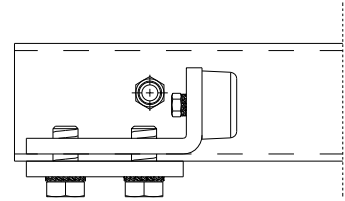
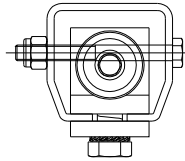
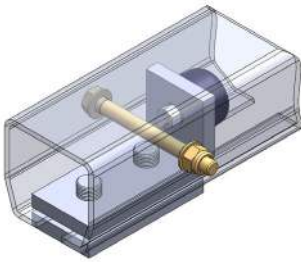
NIKO Profile No.	23.000	24.000	25.000	26./ 27.000
Part No.	23.X01	24.X01	25.X01	26.X01
L (mm)	70	75	120	135
B (mm)	20	30	40	50
H (mm)	24	30	47	55
s (mm)	4	5	8	10

Safety bolt for track end stop with track punching

.X06

(Track end stop not included)

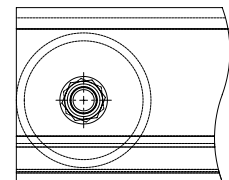
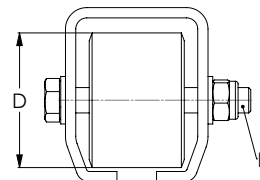
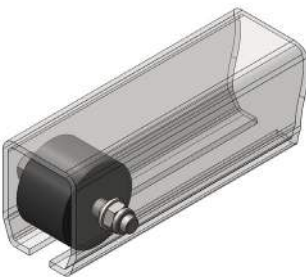
LIGHT CRANE SYSTEMS



NIKO Profile No.	24.000	25.000	26.000	27.000
Part No.	24.X06	25.X06	26.X06	27.X06

Track end stop (safety bolt with rubber)

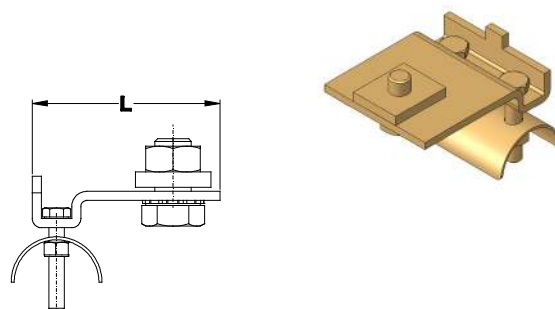
.X11



NIKO Profile No.	25.000	26.000	27.000
Part No.	25.X11	26.X11	27.X11
D (mm)	40	50	80
B (mm)	M8	M12	M16

Cable end clamp

.K00

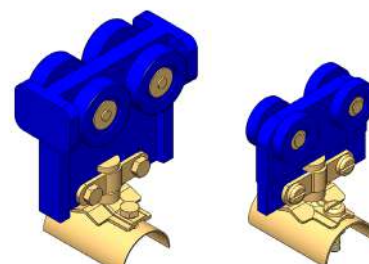
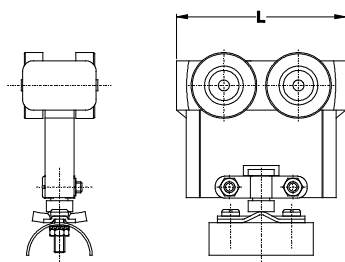


NIKO Profile No.	23.000	24.000	25.000	26.000	27.000
Part No.	23.K00	24.K00	25.K00	26.K00	27.K00
L (mm)	57	57	57	57	57

Cable trolley (nylon)

.L00

This trolley is used for carrying flat cable for electrical power supply and can be adapted for hoses and round cables.



25.-27.L00

23.L00

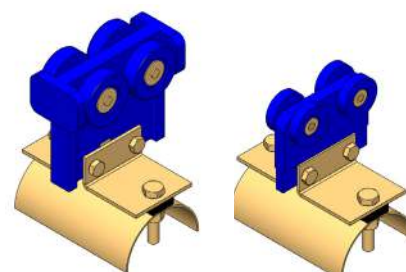
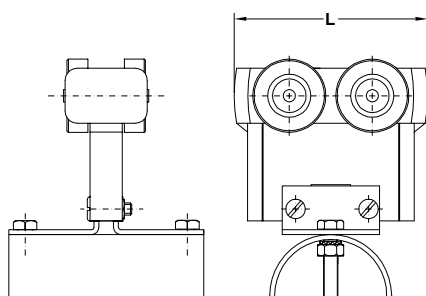
NIKO Profile No.	21.000	23.000	24.000	25.000	26.000	27.000
Part No.	23.L00		25.L00		27.L00	
For cable dimensions	flat up to 23x10mm & round up to 15mm diameter		flat up to 23x10mm & round up to 15mm diameter		flat up to 23x10mm & round up to 15mm diameter	
L (mm)	60		78		78	

LIGHT CRANE SYSTEMS

Cable trolley (nylon)

.L01

This trolley is used for carrying flat cable for electrical power supply.



25.-27.L01

23.L01

NIKO Profile No.	21.000	23.000	24.000	25.000	26.000	27.000
Part No.	23.L01		25.L01		27.L01	
For cable dimensions	flat up to 55x20mm		flat up to 55x20mm		flat up to 55x20mm	
L (mm)	60		78		78	

Light crane systems

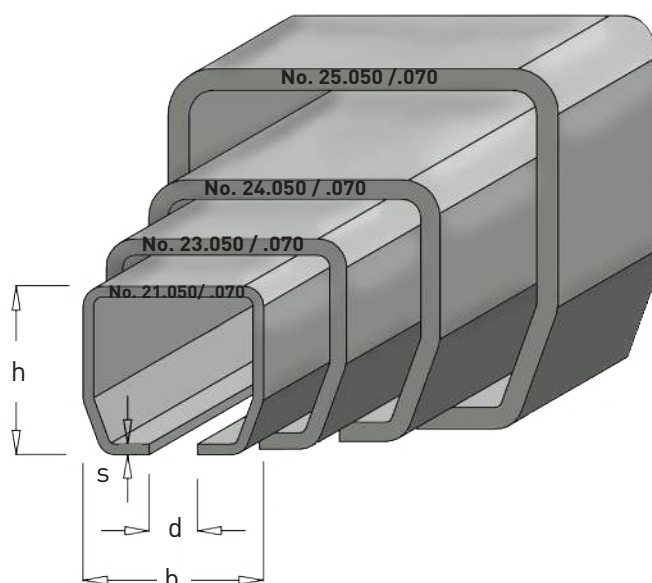
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Version January 2018

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57

NIKO Track Profiles, stainless steel

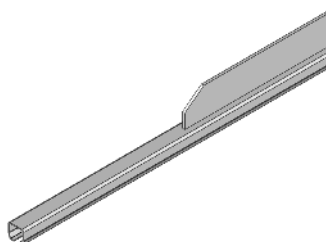


NIKO Profile No.	Dimensions			
	h (mm)	b (mm)	d (mm)	s (mm)
21.050 Stainless steel (304)	28.00	30.00	8.00	1.75
21.070 Stainless steel (316)	28.00	30.00	8.00	1.75
23.050 Stainless steel (304)	35.00	40.00	11.00	2.75
23.070 Stainless steel (316)	35.00	40.00	11.00	2.75
24.050 Stainless steel (304)	43.50	48.50	15.00	3.20
24.070 Stainless steel (316)	43.50	48.50	15.00	3.00
25.050 Stainless steel (304)	60.00	65.00	18.00	4.00
25.070 Stainless steel (316)	60.00	65.00	18.00	4.00

LIGHT CRANE SYSTEMS

Reinforced track with welded steel plate

.030

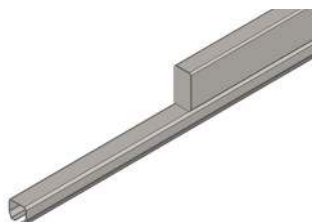


NIKO Profile No.	23.050/.070	24.050/.070	25.050/.070
Part No. (304)	53.030	54.030	55.030
Part No. (316)	73.030	74.030	75.030

See product dimensions in page 29.

Reinforced track with welded rectangular tube

.080

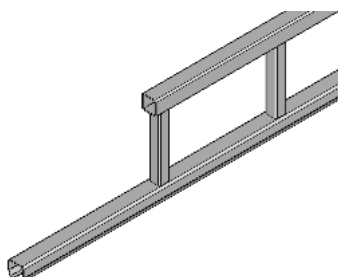


NIKO Profile No.	24.050/.070	25.050/.070
Part No. (304)	54.080	55.080
Part No. (316)	74.080	75.080

See product dimensions in page 29.

Reinforced track with welded square profiles

.045

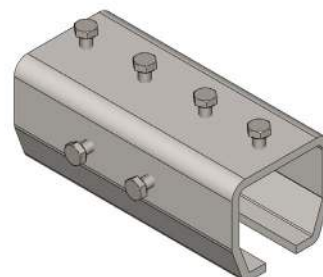


NIKO Profile No.	24.050/.070	25.050/.070
Part No. (304)	54.045	55.045
Part No. (316)	74.045	75.045

See product dimensions in page 29.

Splice joint

.B49

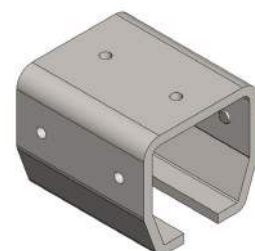


NIKO Profile No.	21.050/.070	23.050/.070	24.050/.070	25.050/.070
Part No. (304)	51.B49	53.B49	54.B49	55.B49
Part No. (316)	71.B49	73.B49	74.B49	75.B49

See product dimensions in page 30.

Support bracket

.B00



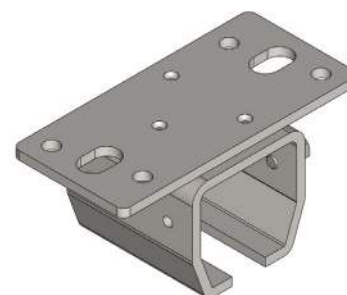
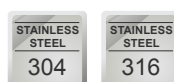
NIKO Profile No.	21.050/.070	23.050/.070	24.050/.070	25.050/.070
Part No. (304)	51.B00	53.B00	54.B00	55.B00
Part No. (316)	71.B00	73.B00	74.B00	75.B00

See product dimensions in page 26.

LIGHT CRANE SYSTEMS

Ceiling support bracket

.B02



NIKO Profile No.	21.050/.070	23.050/.070	24.050/.070	25.050/.070
Part No. (304)	51.B02	53.B02	54.B02	55.B02
Part No. (316)	71.B02	73.B02	74.B02	75.B02

See product dimensions in page 26.

Light crane systems

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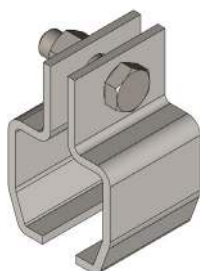
Version January 2018

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59

Split support bracket

.B03

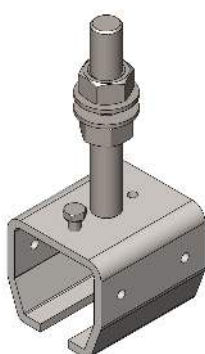


NIKO Profile No.	24.050/.070	25.050/.070
Part No. (304)	54.B03	55.B03
Part No. (316)	74.B03	75.B03

See product dimensions in page 31.

Adjustable bracket

.B04

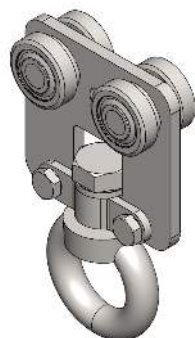


NIKO Profile No.	21.050/.070	23.050/.070	24.050/.070	25.050/.070
Part No. (304)	51.B04	53.B04	54.B04	55.B04
Part No. (316)	71.B04	73.B04	74.B04	75.B04

See product dimensions in page 31.

4-wheel trolley with a rotating eye DIN 582

.T40

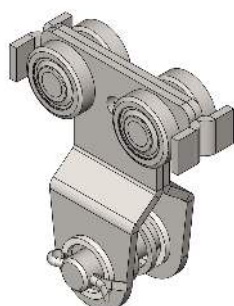


NIKO Profile No.	23.050/.070	24.050/.070	25.050/.070
Part No. (304)	53.T40	54.T40	55.T40
Part No. (316)	73.T40	74.T40	75.T40

See product dimensions in page 48.

4-wheel trolley with clevis pin and buffer (plate)

.T48



NIKO Profile No.	24.050/.070	25.050/.070
Part No. (304)	54.T48	55.T48
Part No. (316)	74.T48	75.T48

See product dimensions in page 48.

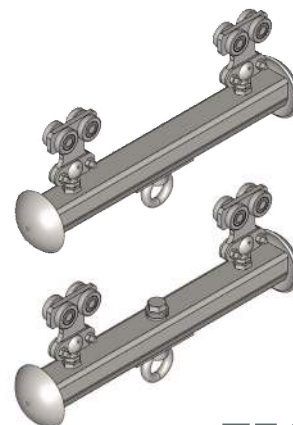
Load carrier (flight bar) with eye & rotating eye (2x.T14 trolley)

.T24



NIKO Profile No.	21.050/.070	23.050/.070	24.050/.070	25.050/.070
Part No. (304)	51.T24	53.T24	54.T24	55.T24
Part No. (304)	51.T26	53.T26	54.T26	55.T26
Part No. (316)	71.T24	73.T24	74.T24	75.T24
Part No. (316)	71.T26	73.T26	74.T26	75.T26

See product dimensions in page 49.



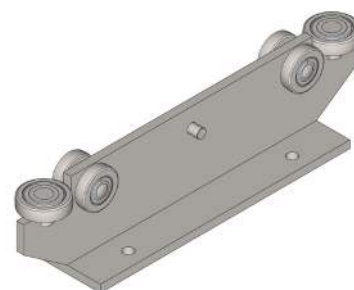
End carriage with flat plate

.T51



NIKO Profile No.	21.050/.070	23.050/.070	24.050/.070	25.050/.070
Part No. (304)	51.T51	53.T51	54.T51	55.T51
Part No. (316)	71.T51	73.T51	74.T51	75.T51

See product dimensions in page 51.



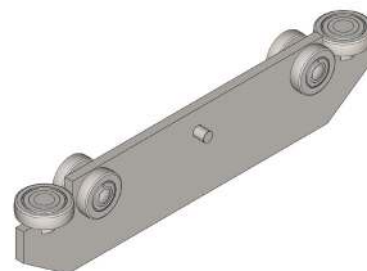
End carriage

.T52



NIKO Profile No.	21.050/.070	23.050/.070	24.050/.070	25.050/.070
Part No. (304)	51.T52	53.T52	54.T52	55.T52
Part No. (316)	71.T52	73.T52	74.T52	75.T52

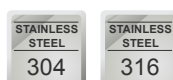
See product dimensions in page 51.



LIGHT CRANE SYSTEMS

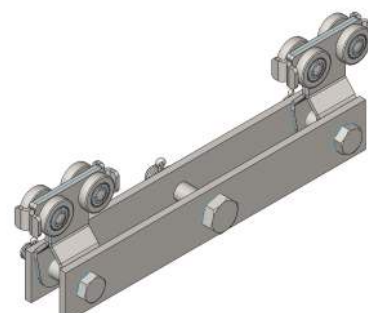
Heavy duty hoist trolley

.T49



NIKO Profile No.	24.050/.070	25.050/.070
Part No. (304)	54.T49	55.T49
Part No. (316)	74.T49	75.T49

See product dimensions in page 48.



Light crane systems

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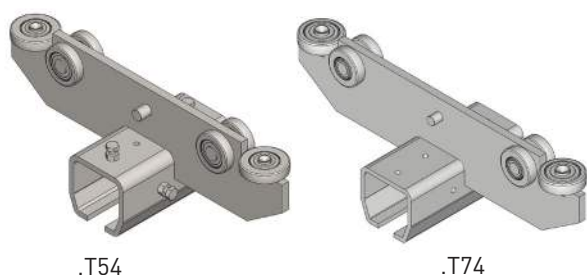
Version January 2018

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61

End carriage with track joint (fixed)

.T54/.T74

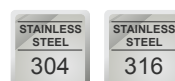
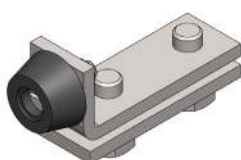


NIKO Profile No.	23.050/.070	24.050/.070	25.050/.070
Part No. (304)	53.T54/.T74	54.T54/.T74	55.T54/.T74
Part No. (316)	73.T54/.T74	74.T54/.T74	75.T54/.T74

See product dimensions in page 49.

Track end stop

.X01

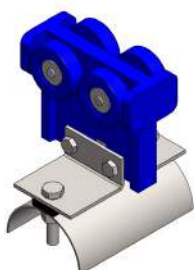


NIKO Profile No.	23.050/.070	24.050/.070	25.050/.070
Part No. (304)	53.X01	54.X01	55.X01
Part No. (316)	73.X01	74.X01	75.X01

See product dimensions in page 56.

Cable trolley (nylon)

.L01

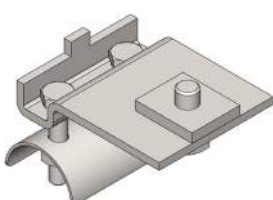


NIKO Profile No.	21.-23.050 / 21.-23.070	24.-25.050 / 24.-25.070
Part No. (304)	53.L01	55.L01
Part No. (316)	73.L01	75.L01

See product dimensions in page 57.

Cable and clamp

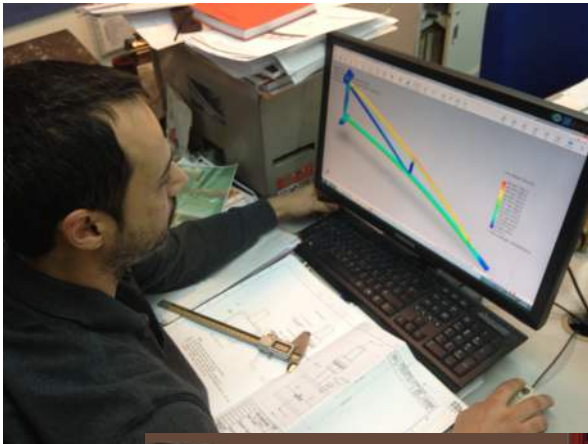
.K00



NIKO Profile No.	23.050/.070	24.050/.070	25.050/.070
Part No. (304)	53.K00	54.K00	55.K00
Part No. (316)	73.K00	74.K00	75.K00

See product dimensions in page 57.

Our quality control department is manned by experienced and highly skilled engineers. Our test lab is equipped with endurance test stands, tensile stress equipment, hardness test machines and other laboratory equipment. Virtual stress analysis is also performed during the developing phase of every component.



LIGHT CRANE SYSTEMS

Light crane systems

We reserve the right for technical amendments without obligation.
The product pictures and drawings depicted in this catalogue
do not always reflect all available sizes.

Version January 2018

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63



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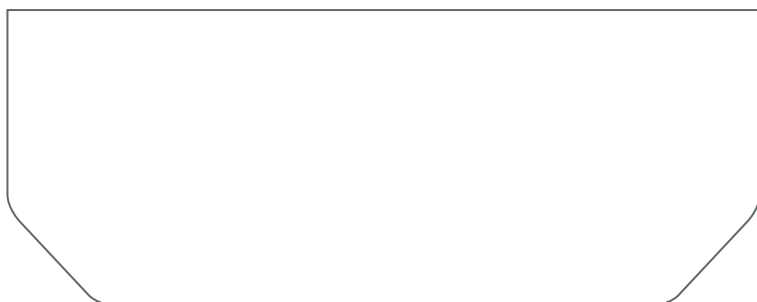
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